ANTHONY NOLAN RESEARCH INSTITUTE

EXON IDENTITY AND AMBIGUOUS TYPING COMBINATIONS

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The algorithm used to generate the ambiguous combinations has been updated to better represent alleles, which contain unsequenced regions. For the alleles in question, the sequence of an alternate allele has been used to extend the sequence over this region. The choice of alternate allele has been determined by sequence homology to the closest known full exon 2 (or 3) sequence and only used when there is a high probability that the sequence used would be shown to be correct if the region was fully sequenced. The list of alleles containing unsequenced regions and the alternate alleles used to infer the missing sequence are detailed in the file.

Several DRB1 alleles are not sequenced for the diamorphic nucleotide at position 357. It would therefore be inaccurate to assign a base to these sequences at this position. For this reason the sequences have been truncated to include only nucleotides 101 to 356, in the DRB1 analysis.

In the case of unsequenced regions that cannot be accurately inferred from known sequences with a high level of confidence the allele has been omitted from the analysis. Currently this applies only to DQB1*06:06.

We recognise that future sequencing of unsequenced regions may reveal disparity between the predicted sequence and the newly sequenced region. We therefore welcome any further information, which will help improve analysis of these regions.

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HLA-A Ambiguities, Release 3.2.0

Sequences identical over exons 2+3

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*	*Allele 6*	*Allele 7*	*Allele 8*	*Allele 9*	*Allele 10*
A*01:01:01G	A*01:01:01:01	A*01:01:01:02N	A*01:04N	A*01:22N	A*01:32	A*01:34N	A*01:37	A*01:45	A*01:56N	A*01:81
A*02:01:01G	A*02:01:01:01	A*02:01:01:02L	A*02:01:01:03	A*02:01:08	A*02:01:11	A*02:01:14	A*02:01:15	A*02:01:21	A*02:01:48	A*02:01:50
	A*02:09	A*02:43N	A*02:66	A*02:75	A*02:83N	A*02:89	A*02:97:01	A*02:97:02	A*02:132	A*02:134
	A*02:140	A*02:241	A*02:252	A*02:256	A*02:266					
A*02:03:01G	A*02:03:01	A*02:253	A*02:264							
A*02:05:01G	A*02:05:01	A*02:179								
A*02:06:01G	A*02:06:01	A*02:126								
A*02:07:01G	A*02:07	A*02:15N	A*02:265							
A*02:11:01G	A*02:11:01	A*02:69								
A*02:16:01G	A*02:16	A*02:131								
A*02:17:01G	A*02:17:01	A*02:17:02								
A*02:22:01G	A*02:22:01	A*02:104								
A*02:81:01G	A*02:81	A*02:124								
A*03:01:01G	A*03:01:01:01	A*03:01:01:02N	A*03:01:01:03	A*03:01:07	A*03:20	A*03:21N	A*03:26	A*03:37	A*03:45	A*03:78
	A*03:112									
A*11:01:01G	A*11:01:01	A*11:21N	A*11:69N							
A*11:02:01G	A*11:02:01	A*11:02:03	A*11:53	A*11:77						
A*23:01:01G	A*23:01:01	A*23:01:05	A*23:07N	A*23:17	A*23:18	A*23:20				
A*24:02:01G	A*24:02:01:01	A*24:02:01:02L	A*24:02:03	A*24:02:10	A*24:02:13	A*24:02:31	A*24:02:40	A*24:09N	A*24:11N	A*24:40N
	A*24:76	A*24:79	A*24:83N	A*24:150	A*24:153	A*24:154	A*24:155N			
A*24:02:34G	A*24:02:34	A*24:144								
A*24:03:01G	A*24:03:01	A*24:33								
A*25:01:01G	A*25:01:01	A*25:07								
A*26:01:01G	A*26:01:01	A*26:01:07	A*26:24	A*26:26	A*26:56					
A*29:01:01G	A*29:01:01:01	A*29:01:01:02N								
A*29:02:01G	A*29:02:01:01	A*29:02:01:02	A*29:02:07	A*29:26						
A*30:01:01G	A*30:01:01	A*30:01:02	A*30:24							
A*30:02:01G	A*30:02:01	A*30:02:02	A*30:33							
A*31:01:02G	A*31:01:02	A*31:14N	A*31:23	A*31:46						
A*32:01:01G	A*32:01:01	A*32:01:02								
A*33:03:01G	A*33:03:01	A*33:03:03	A*33:15	A*33:25	A*33:31					
A*66:01:01G	A*66:01	A*66:08								
A*68:01:01G	A*68:01:01	A*68:01:07								
A*68:01:02G	A*68:01:02	A*68:11N	A*68:33							
A*68:02:01G	A*68:02:01:01	A*68:02:01:02	A*68:02:01:03							
A*74:01:01G	A*74:01	A*74:02:01:01	A*74:02:01:02							

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 + 3 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele
None

Alleles removed from analysis due to insertions or deletions

Allele
A*01:11N
A*01:15N
A*01:16N
A*02:94N
A*02:125N
A*02:250N
A*03:03N
A*03:36N
A*11:52Q
A*11:78N
A*23:11N
A*24:36N
A*24:45N
A*24:86N
A*26:11N
A*26:25N
A*68:18N
A*74:12N

Ambiguous typing combinations over exon 2 + 3

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*	*Combination 5*
A*01:01:01G+A*01:13	A*01:17+A*01:28			
A*01:01:01G+A*01:20	A*01:02+A*01:66			
A*01:01:01G+A*02:01:01G	A*01:01:13+A*02:01:02	A*01:01:21+A*02:01:09	A*01:14+A*02:101	A*01:30+A*02:246
	A*02:36+A*36:04			
A*01:01:01G+A*02:01:04	A*01:01:10+A*02:01:01G			
A*01:01:01G+A*02:01:17	A*01:01:10+A*02:01:52			
A*01:01:01G+A*02:01:18	A*01:01:03+A*02:01:01G			
A*01:01:01G+A*02:01:36	A*01:01:26+A*02:01:01G			
A*01:01:01G+A*02:01:41	A*01:01:19+A*02:01:01G			

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A*01:01:01G+A*02:01:49	A*01:01:04+A*02:01:01G			
A*01:01:01G+A*02:05:01G	A*01:14+A*02:154	A*01:43+A*02:02		
A*01:01:01G+A*02:06:01G	A*01:01:13+A*02:06:09	A*01:01:21+A*02:06:07	A*01:43+A*02:01:01G	
A*01:01:01G+A*02:06:02	A*01:01:04+A*02:06:01G	A*01:43+A*02:01:49		
A*01:01:01G+A*02:06:04	A*01:43+A*02:01:22			
A*01:01:01G+A*02:06:06	A*01:01:25+A*02:06:01G			
A*01:01:01G+A*02:06:07	A*01:43+A*02:01:09			
A*01:01:01G+A*02:06:09	A*01:43+A*02:01:02			
A*01:01:01G+A*02:06:10	A*01:01:14+A*02:06:01G			
A*01:01:01G+A*02:07:01G	A*02:255+A*36:04			
A*01:01:01G+A*02:10	A*01:43+A*02:242			
A*01:01:01G+A*02:11:01G	A*01:01:21+A*02:11:02			
A*01:01:01G+A*02:12	A*01:25+A*02:49	A*02:37+A*36:04		
A*01:01:01G+A*02:22:02	A*01:01:07+A*02:22:01G			
A*01:01:01G+A*02:34	A*01:17+A*02:01:01G			
A*01:01:01G+A*02:35:01	A*01:01:21+A*02:35:03	A*01:13+A*02:146	A*01:17+A*02:90	
A*01:01:01G+A*02:51	A*01:43+A*02:40			
A*01:01:01G+A*02:54	A*01:43+A*02:37			
A*01:01:01G+A*02:56:02	A*01:17+A*02:195			
A*01:01:01G+A*02:62	A*01:17+A*02:20:01			
A*01:01:01G+A*02:67	A*01:76+A*02:01:01G			
A*01:01:01G+A*02:72	A*01:43+A*02:275			
A*01:01:01G+A*02:79:01	A*01:43+A*02:86			
A*01:01:01G+A*02:79:02	A*01:01:26+A*02:79:01			
A*01:01:01G+A*02:90	A*01:28+A*02:146			
A*01:01:01G+A*02:93	A*01:30+A*02:279	A*01:66+A*02:156		
A*01:01:01G+A*02:95	A*01:30+A*02:114			
A*01:01:01G+A*02:99	A*01:43+A*02:26			
A*01:01:01G+A*02:106	A*01:43+A*02:145			
A*01:01:01G+A*02:108	A*01:43+A*02:17:01G			
A*01:01:01G+A*02:113N	A*01:31N+A*02:01:01G			
A*01:01:01G+A*02:122	A*01:43+A*02:50			
A*01:01:01G+A*02:127	A*01:43+A*02:167			
A*01:01:01G+A*02:133	A*01:80+A*02:01:01G			
A*01:01:01G+A*02:137	A*01:43+A*02:24			
A*01:01:01G+A*02:142	A*01:43+A*02:12	A*02:54+A*36:04		
A*01:01:01G+A*02:144	A*01:43+A*02:205			
A*01:01:01G+A*02:164	A*01:44+A*02:01:01G			
A*01:01:01G+A*02:165	A*01:67+A*02:01:01G			
A*01:01:01G+A*02:169	A*01:43+A*02:195			
A*01:01:01G+A*02:174	A*01:61+A*02:01:01G			
A*01:01:01G+A*02:178	A*01:43+A*02:64			
A*01:01:01G+A*02:183	A*01:41+A*02:01:01G			
A*01:01:01G+A*02:190	A*01:61+A*02:118			
A*01:01:01G+A*02:213	A*01:46+A*02:01:01G			
A*01:01:01G+A*02:226N	A*01:25+A*02:22:01G			
A*01:01:01G+A*02:280	A*01:14+A*02:38			
A*01:01:01G+A*03:01:01G	A*01:17+A*03:08	A*01:28+A*03:57	A*03:97+A*36:04	
A*01:01:01G+A*03:01:12	A*01:01:13+A*03:01:01G			
A*01:01:01G+A*03:01:14	A*01:01:16+A*03:01:01G			
A*01:01:01G+A*03:09	A*01:17+A*03:108			
A*01:01:01G+A*03:12	A*01:43+A*03:01:01G			
A*01:01:01G+A*03:19	A*01:30+A*03:15			
A*01:01:01G+A*03:22	A*01:61+A*03:01:01G			
A*01:01:01G+A*03:44	A*01:44+A*03:01:01G			
A*01:01:01G+A*03:63	A*01:13+A*03:41			
A*01:01:01G+A*03:65	A*01:25+A*03:66			
A*01:01:01G+A*03:69N	A*01:25+A*03:50			
A*01:01:01G+A*03:70	A*01:47+A*03:01:01G			
A*01:01:01G+A*03:77	A*01:35+A*03:01:01G			
A*01:01:01G+A*03:85	A*01:62+A*03:01:01G			
A*01:01:01G+A*03:95	A*01:66+A*03:01:01G			
A*01:01:01G+A*11:01:01GN	A*01:13+A*11:40	A*01:17+A*11:19	A*01:25+A*11:44	A*11:39+A*36:04
A*01:01:01G+A*11:01:02	A*01:01:25+A*11:01:01GN			
A*01:01:01G+A*11:01:05	A*01:01:10+A*11:01:01GN			
A*01:01:01G+A*11:01:07	A*01:01:26+A*11:01:01GN			
A*01:01:01G+A*11:01:26	A*01:01:05+A*11:01:01GN			
A*01:01:01G+A*11:02:01G	A*11:38+A*36:04			
A*01:01:01G+A*11:04	A*01:14+A*11:01:01GN	A*11:27+A*36:04	A*11:39+A*36:01	
A*01:01:01G+A*11:19	A*01:28+A*11:40			
A*01:01:01G+A*11:20	A*01:25+A*11:08			
A*01:01:01G+A*11:22	A*01:79+A*11:01:01GN			
A*01:01:01G+A*11:27	A*01:14+A*11:39			
A*01:01:01G+A*11:33:01	A*01:01:26+A*11:33:02	A*01:61+A*11:01:07		
A*01:01:01G+A*11:33:02	A*01:61+A*11:01:01GN			
A*01:01:01G+A*11:40	A*01:23+A*11:17			
A*01:01:01G+A*11:48	A*01:41+A*11:01:01GN			
A*01:01:01G+A*23:01:01G	A*01:14+A*23:10			
A*01:01:01G+A*23:04	A*23:01:01G+A*36:04	A*23:10+A*36:01		
A*01:01:01G+A*23:13	A*01:17+A*23:01:01G			
A*01:01:01G+A*24:02:01G	A*01:01:26+A*24:02:02 A*01:30+A*24:17	A*01:14+A*24:46	A*01:25+A*24:87	A*01:26+A*24:136
A*01:01:01G+A*24:02:06	A*01:01:21+A*24:02:01G			
A*01:01:01G+A*24:02:09	A*01:01:16+A*24:02:01G			
A*01:01:01G+A*24:02:12	A*01:01:04+A*24:02:01G			
A*01:01:01G+A*24:02:18	A*01:01:03+A*24:02:01G			
A*01:01:01G+A*24:02:20	A*01:01:11+A*24:02:01G			
A*01:01:01G+A*24:02:26	A*01:01:19+A*24:02:01G			
A*01:01:01G+A*24:02:35	A*01:01:10+A*24:02:01G			
A*01:01:01G+A*24:03:01G	A*01:14+A*24:10	A*24:02:01G+A*36:04	A*24:46+A*36:01	
A*01:01:01G+A*24:03:02	A*01:01:03+A*24:03:01G	A*24:02:18+A*36:04		
A*01:01:01G+A*24:05	A*01:61+A*24:02:01G			
A*01:01:01G+A*24:07	A*01:17+A*24:02:01G			
A*01:01:01G+A*24:10	A*24:46+A*36:04			
A*01:01:01G+A*24:15	A*01:03+A*24:51			
A*01:01:01G+A*24:19	A*01:13+A*24:109	A*01:17+A*24:44		
A*01:01:01G+A*24:21:02	A*01:01:06+A*24:21:01			
A*01:01:01G+A*24:23	A*01:72+A*24:02:01G			
A*01:01:01G+A*24:26	A*01:39+A*24:02:01G			
A*01:01:01G+A*24:44	A*01:28+A*24:109			
A*01:01:01G+A*24:50	A*01:43+A*24:104			
A*01:01:01G+A*24:112	A*01:24+A*24:07			
A*01:01:01G+A*25:01:01G	A*01:43+A*25:03			
A*01:01:01G+A*25:02	A*01:17+A*25:01:01G			
A*01:01:01G+A*25:06	A*01:14+A*25:01:01G			

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A*01:01:01G+A*25:12N	A*01:53N+A*25:01:01G			
A*01:01:01G+A*26:01:01G	A*01:01:26+A*26:01:17	A*26:49+A*36:04		
A*01:01:01G+A*26:01:03	A*01:01:03+A*26:01:01G			
A*01:01:01G+A*26:01:11	A*01:01:17+A*26:01:01G			
A*01:01:01G+A*26:03:01	A*01:28+A*26:36			
A*01:01:01G+A*26:09	A*01:14+A*26:01:01G	A*26:49+A*36:01		
A*01:01:01G+A*26:13	A*01:17+A*26:01:01G			
A*01:01:01G+A*26:15	A*26:29+A*36:04			
A*01:01:01G+A*26:34	A*01:08+A*26:01:01G			
A*01:01:01G+A*29:01:01G	A*01:17+A*29:20			
A*01:01:01G+A*29:02:01G	A*01:61+A*29:09	A*29:03+A*36:04		
A*01:01:01G+A*30:04:01	A*01:01:21+A*30:04:02			
A*01:01:01G+A*30:16	A*01:17+A*30:44			
A*01:01:01G+A*30:25	A*01:17+A*30:02:01G			
A*01:01:01G+A*31:01:02G	A*01:69+A*31:35	A*31:05+A*36:04		
A*01:01:01G+A*31:01:03	A*01:01:25+A*31:01:02G			
A*01:01:01G+A*31:01:06	A*01:01:04+A*31:01:02G			
A*01:01:01G+A*31:40	A*01:80+A*31:01:02G			
A*01:01:01G+A*31:45	A*01:67+A*31:01:02G			
A*01:01:01G+A*32:01:01G	A*01:23+A*32:24	A*32:13+A*36:04		
A*01:01:01G+A*32:15	A*01:51+A*32:24			
A*01:01:01G+A*32:17	A*01:17+A*32:01:01G			
A*01:01:01G+A*32:21	A*01:67+A*32:01:01G			
A*01:01:01G+A*33:01:01	A*01:61+A*33:34			
A*01:01:01G+A*33:03:01G	A*33:10+A*36:04			
A*01:01:01G+A*33:16	A*01:67+A*33:01:01			
A*01:01:01G+A*34:02	A*01:43+A*34:08			
A*01:01:01G+A*36:01	A*01:14+A*36:04			
A*01:01:01G+A*66:01:01G	A*01:13+A*26:01:01G	A*01:17+A*66:05	A*01:28+A*26:13	A*36:04+A*66:10
A*01:01:01G+A*66:02	A*01:17+A*66:03			
A*01:01:01G+A*66:05	A*01:28+A*26:01:01G			
A*01:01:01G+A*66:09	A*01:13+A*26:22			
A*01:01:01G+A*66:10	A*01:13+A*26:49			
A*01:01:01G+A*68:01:01G	A*01:17+A*68:03:03			
A*01:01:01G+A*68:01:02G	A*01:17+A*68:03:01	A*01:26+A*68:41	A*36:04+A*68:65	
A*01:01:01G+A*68:01:04	A*01:01:03+A*68:01:01G			
A*01:01:01G+A*68:01:05	A*01:01:26+A*68:01:01G			
A*01:01:01G+A*68:01:08	A*01:01:08+A*68:01:01G			
A*01:01:01G+A*68:02:01G	A*01:17+A*68:31			
A*01:01:01G+A*68:02:02	A*01:01:03+A*68:02:01G			
A*01:01:01G+A*68:03:02	A*01:01:13+A*68:03:01			
A*01:01:01G+A*68:44	A*01:55+A*68:02:01G			
A*01:01:01G+A*68:47	A*01:40+A*68:01:02G			
A*01:01:01G+A*68:52	A*01:38+A*68:01:02G			
A*01:01:01G+A*68:54	A*01:14+A*68:61			
A*01:01:01G+A*74:09	A*01:29+A*74:01:01G			
A*01:01:01G+A*74:13	A*01:17+A*74:01:01G			
A*01:01:03+A*02:01:04	A*01:01:10+A*02:01:18			
A*01:01:03+A*02:01:36	A*01:01:26+A*02:01:18			
A*01:01:03+A*02:01:41	A*01:01:19+A*02:01:18			
A*01:01:03+A*02:01:49	A*01:01:04+A*02:01:18			
A*01:01:03+A*02:06:01G	A*01:43+A*02:01:18			
A*01:01:03+A*02:34	A*01:17+A*02:01:18			
A*01:01:03+A*02:67	A*01:76+A*02:01:18			
A*01:01:03+A*02:113N	A*01:31N+A*02:01:18			
A*01:01:03+A*02:133	A*01:80+A*02:01:18			
A*01:01:03+A*02:164	A*01:44+A*02:01:18			
A*01:01:03+A*02:165	A*01:67+A*02:01:18			
A*01:01:03+A*02:174	A*01:61+A*02:01:18			
A*01:01:03+A*02:183	A*01:41+A*02:01:18			
A*01:01:03+A*02:213	A*01:46+A*02:01:18			
A*01:01:03+A*24:02:06	A*01:01:21+A*24:02:18			
A*01:01:03+A*24:02:09	A*01:01:16+A*24:02:18			
A*01:01:03+A*24:02:12	A*01:01:04+A*24:02:18			
A*01:01:03+A*24:02:20	A*01:01:11+A*24:02:18			
A*01:01:03+A*24:02:26	A*01:01:19+A*24:02:18			
A*01:01:03+A*24:02:35	A*01:01:10+A*24:02:18			
A*01:01:03+A*24:05	A*01:61+A*24:02:18			
A*01:01:03+A*24:07	A*01:17+A*24:02:18			
A*01:01:03+A*24:23	A*01:72+A*24:02:18			
A*01:01:03+A*24:26	A*01:39+A*24:02:18			
A*01:01:03+A*26:01:11	A*01:01:17+A*26:01:03			
A*01:01:03+A*26:09	A*01:14+A*26:01:03			
A*01:01:03+A*26:13	A*01:17+A*26:01:03			
A*01:01:03+A*26:34	A*01:08+A*26:01:03			
A*01:01:03+A*66:01:01G	A*01:13+A*26:01:03			
A*01:01:03+A*66:05	A*01:28+A*26:01:03			
A*01:01:03+A*68:01:05	A*01:01:26+A*68:01:04			
A*01:01:03+A*68:01:08	A*01:01:08+A*68:01:04			
A*01:01:03+A*68:44	A*01:55+A*68:02:02			
A*01:01:04+A*02:01:04	A*01:01:10+A*02:01:49			
A*01:01:04+A*02:01:36	A*01:01:26+A*02:01:49			
A*01:01:04+A*02:01:41	A*01:01:19+A*02:01:49			
A*01:01:04+A*02:06:06	A*01:01:25+A*02:06:02			
A*01:01:04+A*02:06:10	A*01:01:14+A*02:06:02			
A*01:01:04+A*02:34	A*01:17+A*02:01:49			
A*01:01:04+A*02:67	A*01:76+A*02:01:49			
A*01:01:04+A*02:113N	A*01:31N+A*02:01:49			
A*01:01:04+A*02:133	A*01:80+A*02:01:49			
A*01:01:04+A*02:164	A*01:44+A*02:01:49			
A*01:01:04+A*02:165	A*01:67+A*02:01:49			
A*01:01:04+A*02:174	A*01:61+A*02:01:49			
A*01:01:04+A*02:183	A*01:41+A*02:01:49			
A*01:01:04+A*02:213	A*01:46+A*02:01:49			
A*01:01:04+A*24:02:06	A*01:01:21+A*24:02:12			
A*01:01:04+A*24:02:09	A*01:01:16+A*24:02:12			
A*01:01:04+A*24:02:20	A*01:01:11+A*24:02:12			
A*01:01:04+A*24:02:26	A*01:01:19+A*24:02:12			
A*01:01:04+A*24:02:35	A*01:01:10+A*24:02:12			
A*01:01:04+A*24:03:01G	A*24:02:12+A*36:04			
A*01:01:04+A*24:05	A*01:61+A*24:02:12			
A*01:01:04+A*24:07	A*01:17+A*24:02:12			
A*01:01:04+A*24:23	A*01:72+A*24:02:12			
A*01:01:04+A*24:26	A*01:39+A*24:02:12			
A*01:01:04+A*31:01:03	A*01:01:25+A*31:01:06			

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A*01:01:04+A*31:40	A*01:80+A*31:01:06
A*01:01:04+A*31:45	A*01:67+A*31:01:06
A*01:01:05+A*11:01:02	A*01:01:25+A*11:01:26
A*01:01:05+A*11:01:05	A*01:01:10+A*11:01:26
A*01:01:05+A*11:01:07	A*01:01:26+A*11:01:26
A*01:01:05+A*11:04	A*01:14+A*11:01:26
A*01:01:05+A*11:22	A*01:79+A*11:01:26
A*01:01:05+A*11:33:02	A*01:61+A*11:01:26
A*01:01:05+A*11:48	A*01:41+A*11:01:26
A*01:01:07+A*02:226N	A*01:25+A*02:22:02
A*01:01:08+A*68:01:05	A*01:01:26+A*68:01:08
A*01:01:10+A*02:01:36	A*01:01:26+A*02:01:04
A*01:01:10+A*02:01:41	A*01:01:19+A*02:01:04
A*01:01:10+A*02:06:01G	A*01:43+A*02:01:04
A*01:01:10+A*02:34	A*01:17+A*02:01:04
A*01:01:10+A*02:67	A*01:76+A*02:01:04
A*01:01:10+A*02:113N	A*01:31N+A*02:01:04
A*01:01:10+A*02:133	A*01:80+A*02:01:04
A*01:01:10+A*02:164	A*01:44+A*02:01:04
A*01:01:10+A*02:165	A*01:67+A*02:01:04
A*01:01:10+A*02:174	A*01:61+A*02:01:04
A*01:01:10+A*02:183	A*01:41+A*02:01:04
A*01:01:10+A*02:213	A*01:46+A*02:01:04
A*01:01:10+A*11:01:02	A*01:01:25+A*11:01:05
A*01:01:10+A*11:01:07	A*01:01:26+A*11:01:05
A*01:01:10+A*11:04	A*01:14+A*11:01:05
A*01:01:10+A*11:22	A*01:79+A*11:01:05
A*01:01:10+A*11:33:02	A*01:61+A*11:01:05
A*01:01:10+A*11:48	A*01:41+A*11:01:05
A*01:01:10+A*24:02:06	A*01:01:21+A*24:02:35
A*01:01:10+A*24:02:09	A*01:01:16+A*24:02:35
A*01:01:10+A*24:02:20	A*01:01:11+A*24:02:35
A*01:01:10+A*24:02:26	A*01:01:19+A*24:02:35
A*01:01:10+A*24:03:01G	A*24:02:35+A*36:04
A*01:01:10+A*24:05	A*01:61+A*24:02:35
A*01:01:10+A*24:07	A*01:17+A*24:02:35
A*01:01:10+A*24:23	A*01:72+A*24:02:35
A*01:01:10+A*24:26	A*01:39+A*24:02:35
A*01:01:11+A*24:02:06	A*01:01:21+A*24:02:20
A*01:01:11+A*24:02:09	A*01:01:16+A*24:02:20
A*01:01:11+A*24:02:26	A*01:01:19+A*24:02:20
A*01:01:11+A*24:03:01G	A*24:02:20+A*36:04
A*01:01:11+A*24:05	A*01:61+A*24:02:20
A*01:01:11+A*24:07	A*01:17+A*24:02:20
A*01:01:11+A*24:23	A*01:72+A*24:02:20
A*01:01:11+A*24:26	A*01:39+A*24:02:20
A*01:01:13+A*03:01:14	A*01:01:16+A*03:01:12
A*01:01:13+A*03:12	A*01:43+A*03:01:12
A*01:01:13+A*03:22	A*01:61+A*03:01:12
A*01:01:13+A*03:44	A*01:44+A*03:01:12
A*01:01:13+A*03:70	A*01:47+A*03:01:12
A*01:01:13+A*03:77	A*01:35+A*03:01:12
A*01:01:13+A*03:85	A*01:62+A*03:01:12
A*01:01:13+A*03:95	A*01:66+A*03:01:12
A*01:01:13+A*26:01:01G	A*01:43+A*26:20
A*01:01:13+A*68:01:02G	A*01:17+A*68:03:02
A*01:01:14+A*02:06:06	A*01:01:25+A*02:06:10
A*01:01:16+A*03:12	A*01:43+A*03:01:14
A*01:01:16+A*03:22	A*01:61+A*03:01:14
A*01:01:16+A*03:44	A*01:44+A*03:01:14
A*01:01:16+A*03:70	A*01:47+A*03:01:14
A*01:01:16+A*03:77	A*01:35+A*03:01:14
A*01:01:16+A*03:85	A*01:62+A*03:01:14
A*01:01:16+A*03:95	A*01:66+A*03:01:14
A*01:01:16+A*24:02:06	A*01:01:21+A*24:02:09
A*01:01:16+A*24:02:26	A*01:01:19+A*24:02:09
A*01:01:16+A*24:03:01G	A*24:02:09+A*36:04
A*01:01:16+A*24:05	A*01:61+A*24:02:09
A*01:01:16+A*24:07	A*01:17+A*24:02:09
A*01:01:16+A*24:23	A*01:72+A*24:02:09
A*01:01:16+A*24:26	A*01:39+A*24:02:09
A*01:01:17+A*26:09	A*01:14+A*26:01:11
A*01:01:17+A*26:13	A*01:17+A*26:01:11
A*01:01:17+A*26:34	A*01:08+A*26:01:11
A*01:01:17+A*66:01:01G	A*01:13+A*26:01:11
A*01:01:17+A*66:05	A*01:28+A*26:01:11
A*01:01:19+A*02:01:36	A*01:01:26+A*02:01:41
A*01:01:19+A*02:06:01G	A*01:43+A*02:01:41
A*01:01:19+A*02:34	A*01:17+A*02:01:41
A*01:01:19+A*02:67	A*01:76+A*02:01:41
A*01:01:19+A*02:113N	A*01:31N+A*02:01:41
A*01:01:19+A*02:133	A*01:80+A*02:01:41
A*01:01:19+A*02:164	A*01:44+A*02:01:41
A*01:01:19+A*02:165	A*01:67+A*02:01:41
A*01:01:19+A*02:174	A*01:61+A*02:01:41
A*01:01:19+A*02:183	A*01:41+A*02:01:41
A*01:01:19+A*02:213	A*01:46+A*02:01:41
A*01:01:19+A*24:02:06	A*01:01:21+A*24:02:26
A*01:01:19+A*24:03:01G	A*24:02:26+A*36:04
A*01:01:19+A*24:05	A*01:61+A*24:02:26
A*01:01:19+A*24:07	A*01:17+A*24:02:26
A*01:01:19+A*24:23	A*01:72+A*24:02:26
A*01:01:19+A*24:26	A*01:39+A*24:02:26
A*01:01:21+A*24:03:01G	A*24:02:06+A*36:04
A*01:01:21+A*24:05	A*01:61+A*24:02:06
A*01:01:21+A*24:07	A*01:17+A*24:02:06
A*01:01:21+A*24:23	A*01:72+A*24:02:06
A*01:01:21+A*24:26	A*01:39+A*24:02:06
A*01:01:25+A*11:01:07	A*01:01:26+A*11:01:02
A*01:01:25+A*11:04	A*01:14+A*11:01:02
A*01:01:25+A*11:22	A*01:79+A*11:01:02
A*01:01:25+A*11:33:02	A*01:61+A*11:01:02
A*01:01:25+A*11:48	A*01:41+A*11:01:02
A*01:01:25+A*31:40	A*01:80+A*31:01:03
A*01:01:25+A*31:45	A*01:67+A*31:01:03

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A*01:01:26+A*02:06:01G	A*01:43+A*02:01:36	
A*01:01:26+A*02:34	A*01:17+A*02:01:36	
A*01:01:26+A*02:67	A*01:76+A*02:01:36	
A*01:01:26+A*02:113N	A*01:31N+A*02:01:36	
A*01:01:26+A*02:133	A*01:80+A*02:01:36	
A*01:01:26+A*02:164	A*01:44+A*02:01:36	
A*01:01:26+A*02:165	A*01:67+A*02:01:36	
A*01:01:26+A*02:174	A*01:61+A*02:01:36	
A*01:01:26+A*02:183	A*01:41+A*02:01:36	
A*01:01:26+A*02:213	A*01:46+A*02:01:36	
A*01:01:26+A*11:04	A*01:14+A*11:01:07	
A*01:01:26+A*11:22	A*01:79+A*11:01:07	
A*01:01:26+A*11:48	A*01:41+A*11:01:07	
A*01:02+A*02:93	A*01:20+A*02:156	
A*01:02+A*03:95	A*01:20+A*03:01:01G	
A*01:03+A*24:52	A*01:73+A*24:120	
A*01:03+A*29:22	A*01:66+A*29:02:01G	
A*01:03+A*33:22	A*01:66+A*33:03:01G	
A*01:08+A*26:09	A*01:14+A*26:34	
A*01:08+A*26:13	A*01:17+A*26:34	
A*01:08+A*66:01:01G	A*01:13+A*26:34	
A*01:08+A*66:05	A*01:28+A*26:34	
A*01:10+A*11:02:01G	A*01:26+A*11:14	
A*01:12+A*31:20	A*01:19+A*31:01:02G	
A*01:13+A*02:01:01G	A*01:28+A*02:34	
A*01:13+A*02:20:01	A*01:28+A*02:62	
A*01:13+A*02:90	A*01:28+A*02:35:01	
A*01:13+A*02:195	A*01:28+A*02:56:02	
A*01:13+A*03:08	A*01:28+A*03:01:01G	
A*01:13+A*03:57	A*01:17+A*03:01:01G	
A*01:13+A*03:108	A*01:28+A*03:09	
A*01:13+A*11:19	A*01:28+A*11:01:01GN	
A*01:13+A*23:01:01G	A*01:28+A*23:13	
A*01:13+A*24:02:01G	A*01:28+A*24:07	
A*01:13+A*24:44	A*01:28+A*24:19	
A*01:13+A*25:01:01G	A*01:28+A*25:02	
A*01:13+A*26:09	A*01:14+A*66:01:01G	A*36:01+A*66:10
A*01:13+A*26:13	A*01:17+A*66:01:01G	
A*01:13+A*26:36	A*01:17+A*26:03:01	
A*01:13+A*29:20	A*01:28+A*29:01:01G	
A*01:13+A*30:02:01G	A*01:28+A*30:25	
A*01:13+A*30:44	A*01:28+A*30:16	
A*01:13+A*32:01:01G	A*01:28+A*32:17	
A*01:13+A*66:03	A*01:28+A*66:02	
A*01:13+A*66:05	A*01:28+A*66:01:01G	
A*01:13+A*68:03:01	A*01:28+A*68:01:02G	
A*01:13+A*68:03:03	A*01:28+A*68:01:01G	
A*01:13+A*68:31	A*01:28+A*68:02:01G	
A*01:13+A*74:01:01G	A*01:28+A*74:13	
A*01:14+A*02:01:01G	A*02:36+A*36:01	
A*01:14+A*02:07:01G	A*02:255+A*36:01	
A*01:14+A*02:12	A*02:37+A*36:01	
A*01:14+A*02:142	A*02:54+A*36:01	
A*01:14+A*03:01:01G	A*03:97+A*36:01	
A*01:14+A*03:75	A*03:97+A*36:03	
A*01:14+A*11:02:01G	A*11:38+A*36:01	
A*01:14+A*11:04	A*11:27+A*36:01	
A*01:14+A*11:22	A*01:79+A*11:04	
A*01:14+A*11:33:02	A*01:61+A*11:04	
A*01:14+A*11:48	A*01:41+A*11:04	
A*01:14+A*23:04	A*23:01:01G+A*36:01	
A*01:14+A*24:03:01G	A*24:02:01G+A*36:01	
A*01:14+A*24:03:02	A*24:02:18+A*36:01	
A*01:14+A*25:02	A*01:17+A*25:06	
A*01:14+A*25:12N	A*01:53N+A*25:06	
A*01:14+A*26:13	A*01:17+A*26:09	
A*01:14+A*26:15	A*26:29+A*36:01	
A*01:14+A*29:02:01G	A*29:03+A*36:01	
A*01:14+A*31:01:02G	A*31:05+A*36:01	
A*01:14+A*32:01:01G	A*32:13+A*36:01	
A*01:14+A*33:03:01G	A*33:10+A*36:01	
A*01:14+A*66:05	A*01:28+A*26:09	
A*01:14+A*68:01:02G	A*36:01+A*68:65	
A*01:17+A*02:06:01G	A*01:43+A*02:34	
A*01:17+A*02:67	A*01:76+A*02:34	
A*01:17+A*02:113N	A*01:31N+A*02:34	
A*01:17+A*02:133	A*01:80+A*02:34	
A*01:17+A*02:164	A*01:44+A*02:34	
A*01:17+A*02:165	A*01:67+A*02:34	
A*01:17+A*02:169	A*01:43+A*02:56:02	
A*01:17+A*02:174	A*01:61+A*02:34	
A*01:17+A*02:183	A*01:41+A*02:34	
A*01:17+A*02:213	A*01:46+A*02:34	
A*01:17+A*23:04	A*23:13+A*36:04	
A*01:17+A*24:03:01G	A*24:07+A*36:04	
A*01:17+A*24:05	A*01:61+A*24:07	
A*01:17+A*24:23	A*01:72+A*24:07	
A*01:17+A*24:26	A*01:39+A*24:07	
A*01:17+A*25:12N	A*01:53N+A*25:02	
A*01:17+A*32:21	A*01:67+A*32:17	
A*01:17+A*74:09	A*01:29+A*74:13	
A*01:21+A*02:27	A*01:26+A*02:12	
A*01:21+A*11:24:02	A*01:26+A*11:31	
A*01:21+A*24:59	A*01:26+A*24:02:01G	
A*01:21+A*31:43	A*01:26+A*31:01:02G	
A*01:23+A*02:55	A*01:51+A*02:195	
A*01:23+A*03:24	A*01:51+A*03:01:01G	
A*01:23+A*11:10	A*01:51+A*11:01:01GN	
A*01:23+A*32:15	A*01:51+A*32:01:01G	
A*01:23+A*68:01:02G	A*01:51+A*68:66	
A*01:31N+A*02:06:01G	A*01:43+A*02:113N	
A*01:31N+A*02:67	A*01:76+A*02:113N	
A*01:31N+A*02:133	A*01:80+A*02:113N	
A*01:31N+A*02:164	A*01:44+A*02:113N	
A*01:31N+A*02:165	A*01:67+A*02:113N	

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A*01:31N+A*02:174	A*01:61+A*02:113N	
A*01:31N+A*02:183	A*01:41+A*02:113N	
A*01:31N+A*02:213	A*01:46+A*02:113N	
A*01:35+A*03:12	A*01:43+A*03:77	
A*01:35+A*03:22	A*01:61+A*03:77	
A*01:35+A*03:44	A*01:44+A*03:77	
A*01:35+A*03:70	A*01:47+A*03:77	
A*01:35+A*03:85	A*01:62+A*03:77	
A*01:35+A*03:95	A*01:66+A*03:77	
A*01:38+A*68:47	A*01:40+A*68:52	
A*01:39+A*24:03:01G	A*24:26+A*36:04	
A*01:39+A*24:05	A*01:61+A*24:26	
A*01:39+A*24:23	A*01:72+A*24:26	
A*01:41+A*02:06:01G	A*01:43+A*02:183	
A*01:41+A*02:67	A*01:76+A*02:183	
A*01:41+A*02:133	A*01:80+A*02:183	
A*01:41+A*02:164	A*01:44+A*02:183	
A*01:41+A*02:165	A*01:67+A*02:183	
A*01:41+A*02:174	A*01:61+A*02:183	
A*01:41+A*02:213	A*01:46+A*02:183	
A*01:41+A*11:22	A*01:79+A*11:48	
A*01:41+A*11:33:02	A*01:61+A*11:48	
A*01:43+A*02:67	A*01:76+A*02:06:01G	
A*01:43+A*02:133	A*01:80+A*02:06:01G	
A*01:43+A*02:164	A*01:44+A*02:06:01G	
A*01:43+A*02:165	A*01:67+A*02:06:01G	
A*01:43+A*02:174	A*01:61+A*02:06:01G	
A*01:43+A*02:213	A*01:46+A*02:06:01G	
A*01:43+A*03:22	A*01:61+A*03:12	
A*01:43+A*03:44	A*01:44+A*03:12	
A*01:43+A*03:70	A*01:47+A*03:12	
A*01:43+A*03:85	A*01:62+A*03:12	
A*01:43+A*03:95	A*01:66+A*03:12	
A*01:44+A*02:67	A*01:76+A*02:164	
A*01:44+A*02:133	A*01:80+A*02:164	
A*01:44+A*02:165	A*01:67+A*02:164	
A*01:44+A*02:174	A*01:61+A*02:164	
A*01:44+A*02:213	A*01:46+A*02:164	
A*01:44+A*03:22	A*01:61+A*03:44	
A*01:44+A*03:70	A*01:47+A*03:44	
A*01:44+A*03:85	A*01:62+A*03:44	
A*01:44+A*03:95	A*01:66+A*03:44	
A*01:46+A*02:67	A*01:76+A*02:213	
A*01:46+A*02:133	A*01:80+A*02:213	
A*01:46+A*02:165	A*01:67+A*02:213	
A*01:46+A*02:174	A*01:61+A*02:213	
A*01:47+A*03:22	A*01:61+A*03:70	
A*01:47+A*03:85	A*01:62+A*03:70	
A*01:47+A*03:95	A*01:66+A*03:70	
A*01:61+A*02:67	A*01:76+A*02:174	
A*01:61+A*02:133	A*01:80+A*02:174	
A*01:61+A*02:165	A*01:67+A*02:174	
A*01:61+A*03:85	A*01:62+A*03:22	
A*01:61+A*03:95	A*01:66+A*03:22	
A*01:61+A*11:22	A*01:79+A*11:33:02	
A*01:61+A*24:03:01G	A*24:05+A*36:04	
A*01:61+A*24:23	A*01:72+A*24:05	
A*01:62+A*03:95	A*01:66+A*03:85	
A*01:66+A*02:17:01G	A*01:73+A*02:268	
A*01:66+A*02:58	A*01:73+A*02:01:01G	
A*01:66+A*24:02:01G	A*01:73+A*24:93	
A*01:67+A*02:67	A*01:76+A*02:165	
A*01:67+A*02:133	A*01:80+A*02:165	
A*01:67+A*31:40	A*01:80+A*31:45	
A*01:72+A*24:03:01G	A*24:23+A*36:04	
A*01:72+A*30:02:01G	A*30:45+A*36:04	
A*01:76+A*02:133	A*01:80+A*02:67	
A*02:01:01G+A*02:01:17	A*02:01:04+A*02:01:52	
A*02:01:01G+A*02:03:01G	A*02:22:01G+A*02:171:02	
A*02:01:01G+A*02:03:03	A*02:01:10+A*02:03:01G	
A*02:01:01G+A*02:05:01G	A*02:02+A*02:06:01G	A*02:14+A*02:22:01G
A*02:01:01G+A*02:05:03	A*02:01:52+A*02:05:01G	
A*02:01:01G+A*02:06:02	A*02:01:49+A*02:06:01G	
A*02:01:01G+A*02:06:04	A*02:01:22+A*02:06:01G	
A*02:01:01G+A*02:06:07	A*02:01:09+A*02:06:01G	
A*02:01:01G+A*02:06:09	A*02:01:02+A*02:06:01G	
A*02:01:01G+A*02:08	A*02:05:01G+A*02:20:01	
A*02:01:01G+A*02:10	A*02:06:01G+A*02:242	
A*02:01:01G+A*02:11:02	A*02:01:09+A*02:11:01G	
A*02:01:01G+A*02:12	A*02:01:22+A*02:226N	
A*02:01:01G+A*02:13	A*02:12+A*02:26	
A*02:01:01G+A*02:17:01G	A*02:58+A*02:268	
A*02:01:01G+A*02:35:01	A*02:34+A*02:90	
A*02:01:01G+A*02:35:02	A*02:01:52+A*02:35:01	
A*02:01:01G+A*02:35:03	A*02:01:09+A*02:35:01	
A*02:01:01G+A*02:37	A*02:12+A*02:36	
A*02:01:01G+A*02:38	A*02:101+A*02:280	
A*02:01:01G+A*02:46	A*02:70+A*02:92	
A*02:01:01G+A*02:49	A*02:01:22+A*02:22:01G	
A*02:01:01G+A*02:51	A*02:06:01G+A*02:40	
A*02:01:01G+A*02:54	A*02:06:01G+A*02:37	A*02:36+A*02:142
A*02:01:01G+A*02:56:01	A*02:45+A*02:62	
A*02:01:01G+A*02:56:02	A*02:01:52+A*02:56:01	A*02:34+A*02:195
A*02:01:01G+A*02:62	A*02:20:01+A*02:34	
A*02:01:01G+A*02:72	A*02:06:01G+A*02:275	
A*02:01:01G+A*02:73	A*02:93+A*02:245	
A*02:01:01G+A*02:79:01	A*02:06:01G+A*02:86	
A*02:01:01G+A*02:79:02	A*02:01:36+A*02:79:01	
A*02:01:01G+A*02:99	A*02:06:01G+A*02:26	
A*02:01:01G+A*02:103	A*02:07:01G+A*02:56:02	
A*02:01:01G+A*02:106	A*02:06:01G+A*02:145	
A*02:01:01G+A*02:108	A*02:06:01G+A*02:17:01G	
A*02:01:01G+A*02:110	A*02:17:01G+A*02:95	
A*02:01:01G+A*02:112	A*02:07:01G+A*02:87	
A*02:01:01G+A*02:114	A*02:95+A*02:246	

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A*02:01:01G+A*02:122	A*02:06:01G+A*02:50			
A*02:01:01G+A*02:127	A*02:06:01G+A*02:167			
A*02:01:01G+A*02:128	A*02:11:01G+A*02:20:01			
A*02:01:01G+A*02:130	A*02:07:01G+A*02:40			
A*02:01:01G+A*02:136	A*02:22:01G+A*02:87			
A*02:01:01G+A*02:137	A*02:06:01G+A*02:24			
A*02:01:01G+A*02:142	A*02:06:01G+A*02:12	A*02:06:04+A*02:226N		
A*02:01:01G+A*02:144	A*02:06:01G+A*02:205			
A*02:01:01G+A*02:149	A*02:86+A*02:190			
A*02:01:01G+A*02:154	A*02:05:01G+A*02:101			
A*02:01:01G+A*02:169	A*02:06:01G+A*02:195			
A*02:01:01G+A*02:171:01	A*02:01:22+A*02:171:02			
A*02:01:01G+A*02:171:02	A*02:25+A*02:26			
A*02:01:01G+A*02:178	A*02:06:01G+A*02:64			
A*02:01:01G+A*02:188	A*02:64+A*02:151			
A*02:01:01G+A*02:190	A*02:118+A*02:174			
A*02:01:01G+A*02:191	A*02:07:01G+A*02:22:01G			
A*02:01:01G+A*02:244	A*02:10+A*02:109			
A*02:01:01G+A*02:255	A*02:07:01G+A*02:36			
A*02:01:01G+A*02:271	A*02:12+A*02:14			
A*02:01:01G+A*02:279	A*02:93+A*02:246			
A*02:01:01G+A*02:280	A*02:12+A*02:171:02	A*02:13+A*02:25	A*02:171:01+A*02:226N	
A*02:01:01G+A*02:282	A*02:07:01G+A*02:95			
A*02:01:01G+A*03:01:01G	A*02:01:02+A*03:01:12	A*02:01:52+A*03:01:03	A*02:24+A*03:17	A*02:26+A*03:07
	A*02:34+A*03:08	A*02:35:01+A*03:108	A*02:90+A*03:09	A*02:195+A*03:23
	A*02:237+A*03:05			
A*02:01:01G+A*03:01:02	A*02:01:22+A*03:01:01G			
A*02:01:01G+A*03:01:04	A*02:01:13+A*03:01:01G			
A*02:01:01G+A*03:01:09	A*02:01:12+A*03:01:01G			
A*02:01:01G+A*03:01:20	A*02:01:35+A*03:01:01G			
A*02:01:01G+A*03:02	A*02:12+A*03:07	A*02:237+A*03:10		
A*02:01:01G+A*03:04	A*02:74:02+A*03:01:01G			
A*02:01:01G+A*03:08	A*02:90+A*03:108			
A*02:01:01G+A*03:09	A*02:34+A*03:108			
A*02:01:01G+A*03:12	A*02:06:01G+A*03:01:01G	A*02:06:09+A*03:01:12	A*02:99+A*03:07	A*02:137+A*03:17
	A*02:169+A*03:23			
A*02:01:01G+A*03:15	A*02:246+A*03:19			
A*02:01:01G+A*03:22	A*02:174+A*03:01:01G			
A*02:01:01G+A*03:24	A*02:55+A*03:23			
A*02:01:01G+A*03:44	A*02:164+A*03:01:01G			
A*02:01:01G+A*03:50	A*02:22:01G+A*03:01:01G			
A*02:01:01G+A*03:54	A*02:145+A*03:01:01G			
A*02:01:01G+A*03:57	A*02:146+A*03:09			
A*02:01:01G+A*03:65	A*02:01:22+A*03:69N	A*02:12+A*03:01:01G	A*02:13+A*03:07	A*02:26+A*03:02
	A*02:226N+A*03:01:02			
A*02:01:01G+A*03:66	A*02:01:22+A*03:50	A*02:22:01G+A*03:01:02	A*02:49+A*03:01:01G	
A*02:01:01G+A*03:69N	A*02:226N+A*03:01:01G			
A*02:01:01G+A*03:72	A*02:76+A*03:01:01G			
A*02:01:01G+A*03:79	A*02:85+A*03:01:01G			
A*02:01:01G+A*03:87	A*02:197+A*03:01:01G			
A*02:01:01G+A*03:93	A*02:119+A*03:01:01G			
A*02:01:01G+A*03:97	A*02:36+A*03:01:01G			
A*02:01:01G+A*03:99	A*02:211+A*03:56			
A*02:01:01G+A*11:01:01GN	A*02:12+A*11:24:02	A*02:27+A*11:31	A*02:34+A*11:19	A*02:45+A*11:70
	A*02:86+A*11:73	A*02:90+A*11:06	A*02:101+A*11:04	A*02:226N+A*11:24:01
A*02:01:01G+A*11:01:05	A*02:01:04+A*11:01:01GN			
A*02:01:01G+A*11:01:06	A*02:01:25+A*11:01:01GN			
A*02:01:01G+A*11:01:07	A*02:01:36+A*11:01:01GN			
A*02:01:01G+A*11:01:12	A*02:01:45+A*11:01:01GN			
A*02:01:01G+A*11:01:25	A*02:01:54+A*11:01:01GN			
A*02:01:01G+A*11:02:01G	A*02:86+A*11:16			
A*02:01:01G+A*11:03	A*02:26+A*11:60	A*02:40+A*11:20		
A*02:01:01G+A*11:08	A*02:49+A*11:25			
A*02:01:01G+A*11:12	A*02:35:01+A*11:18			
A*02:01:01G+A*11:15:01	A*02:202+A*11:01:01GN			
A*02:01:01G+A*11:16	A*02:118+A*11:57			
A*02:01:01G+A*11:20	A*02:12+A*11:25	A*02:13+A*11:31		
A*02:01:01G+A*11:23	A*02:182+A*11:01:01GN			
A*02:01:01G+A*11:24:01	A*02:01:22+A*11:24:02			
A*02:01:01G+A*11:25	A*02:26+A*11:31			
A*02:01:01G+A*11:27	A*02:36+A*11:04			
A*02:01:01G+A*11:30	A*02:197+A*11:01:01GN			
A*02:01:01G+A*11:32	A*02:121+A*11:01:01GN			
A*02:01:01G+A*11:33:01	A*02:01:36+A*11:33:02	A*02:174+A*11:01:07		
A*02:01:01G+A*11:33:02	A*02:174+A*11:01:01GN			
A*02:01:01G+A*11:34	A*02:153+A*11:01:01GN			
A*02:01:01G+A*11:36	A*02:07:01G+A*11:01:01GN			
A*02:01:01G+A*11:38	A*02:36+A*11:02:01G			
A*02:01:01G+A*11:39	A*02:36+A*11:01:01GN	A*02:37+A*11:24:02	A*02:101+A*11:27	
A*02:01:01G+A*11:41	A*02:273+A*11:01:01GN			
A*02:01:01G+A*11:44	A*02:22:01G+A*11:24:01	A*02:49+A*11:24:02		
A*02:01:01G+A*11:48	A*02:183+A*11:01:01GN			
A*02:01:01G+A*11:79	A*02:109+A*11:01:01GN			
A*02:01:01G+A*23:01:01G	A*02:36+A*23:04	A*02:90+A*23:12		
A*02:01:01G+A*23:01:02	A*02:01:38+A*23:01:01G			
A*02:01:01G+A*23:02	A*02:22:01G+A*23:01:01G			
A*02:01:01G+A*23:03:02	A*02:24+A*23:01:01G			
A*02:01:01G+A*23:06	A*02:257+A*23:01:01G			
A*02:01:01G+A*23:08N	A*02:82N+A*23:01:01G			
A*02:01:01G+A*23:10	A*02:101+A*23:01:01G			
A*02:01:01G+A*23:13	A*02:34+A*23:01:01G	A*02:35:01+A*23:12		
A*02:01:01G+A*23:14	A*02:40+A*24:13:02			
A*02:01:01G+A*23:24	A*02:145+A*23:01:01G			
A*02:01:01G+A*23:25	A*02:74:02+A*23:01:01G			
A*02:01:01G+A*24:02:01G	A*02:01:09+A*24:02:06	A*02:01:36+A*24:02:02	A*02:04+A*24:52	A*02:12+A*24:13:01
	A*02:36+A*24:03:01G	A*02:58+A*24:93	A*02:70+A*24:29	A*02:76+A*24:104
	A*02:87+A*24:28	A*02:90+A*24:30	A*02:110+A*24:14	A*02:226N+A*24:13:02
A*02:01:01G+A*24:02:12	A*02:01:49+A*24:02:01G			
A*02:01:01G+A*24:02:15	A*02:01:51+A*24:02:01G			
A*02:01:01G+A*24:02:18	A*02:01:18+A*24:02:01G	A*02:36+A*24:03:02		
A*02:01:01G+A*24:02:25	A*02:01:44+A*24:02:01G			
A*02:01:01G+A*24:02:26	A*02:01:41+A*24:02:01G			
A*02:01:01G+A*24:02:27	A*02:01:31+A*24:02:01G			
A*02:01:01G+A*24:02:29	A*02:01:35+A*24:02:01G			
A*02:01:01G+A*24:02:35	A*02:01:04+A*24:02:01G			

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A*02:01:01G+A*24:02:39	A*02:01:05+A*24:02:01G			
A*02:01:01G+A*24:03:02	A*02:01:18+A*24:03:01G			
A*02:01:01G+A*24:04	A*02:146+A*24:28			
A*02:01:01G+A*24:05	A*02:174+A*24:02:01G			
A*02:01:01G+A*24:06	A*02:22:01G+A*24:13:01			
A*02:01:01G+A*24:07	A*02:34+A*24:02:01G	A*02:35:01+A*24:30	A*02:86+A*24:131	
A*02:01:01G+A*24:10	A*02:101+A*24:03:01G			
A*02:01:01G+A*24:13:02	A*02:01:22+A*24:13:01			
A*02:01:01G+A*24:17	A*02:246+A*24:02:01G			
A*02:01:01G+A*24:19	A*02:34+A*24:44			
A*02:01:01G+A*24:20	A*02:46+A*24:08	A*02:76+A*24:88		
A*02:01:01G+A*24:21:01	A*02:24+A*24:02:01G			
A*02:01:01G+A*24:28	A*02:46+A*24:89			
A*02:01:01G+A*24:30	A*02:46+A*24:42			
A*02:01:01G+A*24:32	A*02:81:01G+A*24:28			
A*02:01:01G+A*24:34	A*02:11:01G+A*24:30			
A*02:01:01G+A*24:46	A*02:36+A*24:10	A*02:101+A*24:02:01G		
A*02:01:01G+A*24:47	A*02:205+A*24:02:01G			
A*02:01:01G+A*24:50	A*02:06:01G+A*24:104			
A*02:01:01G+A*24:55	A*02:16:01G+A*24:02:01G			
A*02:01:01G+A*24:56	A*02:13+A*24:13:01	A*02:26+A*24:02:01G		
A*02:01:01G+A*24:58	A*02:107+A*24:02:01G			
A*02:01:01G+A*24:59	A*02:27+A*24:13:01			
A*02:01:01G+A*24:62	A*02:80+A*24:02:01G			
A*02:01:01G+A*24:71	A*02:40+A*24:02:01G	A*02:226N+A*23:14		
A*02:01:01G+A*24:72	A*02:145+A*24:02:01G			
A*02:01:01G+A*24:73	A*02:147+A*24:02:01G			
A*02:01:01G+A*24:82	A*02:243+A*24:104			
A*02:01:01G+A*24:87	A*02:01:22+A*24:06	A*02:22:01G+A*24:13:02	A*02:49+A*24:13:01	
A*02:01:01G+A*24:90N	A*02:88N+A*24:02:01G			
A*02:01:01G+A*24:91	A*02:68+A*24:02:01G			
A*02:01:01G+A*24:92	A*02:156+A*24:14			
A*02:01:01G+A*24:96	A*02:60:01+A*24:146	A*02:254+A*24:02:01G		
A*02:01:01G+A*24:99	A*02:25+A*24:02:01G			
A*02:01:01G+A*24:119	A*02:158+A*24:02:01G			
A*02:01:01G+A*24:120	A*02:245+A*24:93			
A*02:01:01G+A*24:121	A*02:64+A*24:02:01G			
A*02:01:01G+A*24:133	A*02:182+A*24:02:01G			
A*02:01:01G+A*24:145	A*02:20:01+A*24:02:01G			
A*02:01:01G+A*25:01:01G	A*02:06:01G+A*25:03	A*02:25+A*25:09	A*02:81:01G+A*26:03:01	A*02:90+A*25:11
	A*02:101+A*25:06	A*02:118+A*25:05		
A*02:01:01G+A*25:01:04	A*02:01:43+A*25:01:01G			
A*02:01:01G+A*25:02	A*02:34+A*25:01:01G	A*02:35:01+A*25:11		
A*02:01:01G+A*25:08	A*02:85+A*25:01:01G			
A*02:01:01G+A*25:13	A*02:81:01G+A*26:30			
A*02:01:01G+A*26:01:01G	A*02:01:36+A*26:01:17	A*02:06:09+A*26:20	A*02:22:01G+A*26:43:01	A*02:24+A*26:10
	A*02:25+A*26:14	A*02:26+A*26:12	A*02:55+A*26:07:02	A*02:90+A*26:36
	A*02:101+A*26:09	A*02:118+A*26:54	A*02:146+A*26:03:01	A*02:245+A*26:22
A*02:01:01G+A*26:01:03	A*02:01:18+A*26:01:01G			
A*02:01:01G+A*26:01:09	A*02:01:29+A*26:01:01G			
A*02:01:01G+A*26:01:10	A*02:01:45+A*26:01:01G			
A*02:01:01G+A*26:01:18	A*02:01:26+A*26:01:01G			
A*02:01:01G+A*26:05	A*02:247+A*26:03:01			
A*02:01:01G+A*26:07:01	A*02:01:52+A*26:07:02			
A*02:01:01G+A*26:08	A*02:12+A*26:43:01	A*02:20:01+A*26:48	A*02:226N+A*26:43:02	
A*02:01:01G+A*26:13	A*02:34+A*26:01:01G	A*02:35:01+A*26:36		
A*02:01:01G+A*26:27	A*02:68+A*26:01:01G			
A*02:01:01G+A*26:28	A*02:26+A*26:18	A*02:40+A*26:14		
A*02:01:01G+A*26:29	A*02:36+A*26:15			
A*02:01:01G+A*26:41	A*02:187+A*26:01:01G			
A*02:01:01G+A*26:43:02	A*02:01:22+A*26:43:01			
A*02:01:01G+A*26:47	A*02:85+A*26:01:01G			
A*02:01:01G+A*26:49	A*02:36+A*26:01:01G			
A*02:01:01G+A*26:50	A*02:210+A*26:01:01G			
A*02:01:01G+A*26:52	A*02:25+A*26:28	A*02:40+A*26:01:01G	A*02:171:02+A*26:18	
A*02:01:01G+A*29:01:01G	A*02:34+A*29:20	A*02:204+A*29:02:01G		
A*02:01:01G+A*29:02:01G	A*02:174+A*29:09			
A*02:01:01G+A*29:03	A*02:36+A*29:02:01G			
A*02:01:01G+A*29:04	A*02:29+A*29:02:01G			
A*02:01:01G+A*29:06	A*02:121+A*29:02:01G			
A*02:01:01G+A*29:07	A*02:17:01G+A*29:22			
A*02:01:01G+A*29:12	A*02:107+A*29:01:01G			
A*02:01:01G+A*29:15	A*02:221+A*29:01:01G			
A*02:01:01G+A*30:01:01G	A*02:35:01+A*30:44	A*02:90+A*30:16		
A*02:01:01G+A*30:02:01G	A*02:247+A*30:13			
A*02:01:01G+A*30:02:05	A*02:01:22+A*30:02:01G			
A*02:01:01G+A*30:04:01	A*02:247+A*30:46			
A*02:01:01G+A*30:04:02	A*02:01:09+A*30:04:01			
A*02:01:01G+A*30:16	A*02:34+A*30:44			
A*02:01:01G+A*30:17	A*02:35:01+A*30:46			
A*02:01:01G+A*30:25	A*02:34+A*30:02:01G			
A*02:01:01G+A*30:28	A*02:224+A*30:02:01G			
A*02:01:01G+A*30:34	A*02:74:01+A*30:02:01G			
A*02:01:01G+A*30:36	A*02:71+A*30:01:01G			
A*02:01:01G+A*31:01:02G	A*02:20:01+A*31:02	A*02:40+A*31:41	A*02:243+A*31:21	
A*02:01:01G+A*31:01:05	A*02:01:22+A*31:01:02G			
A*02:01:01G+A*31:01:06	A*02:01:49+A*31:01:02G			
A*02:01:01G+A*31:05	A*02:36+A*31:01:02G			
A*02:01:01G+A*31:10	A*02:20:01+A*31:07			
A*02:01:01G+A*31:11	A*02:202+A*31:01:02G			
A*02:01:01G+A*31:13	A*02:251+A*31:01:02G			
A*02:01:01G+A*31:16	A*02:107+A*31:01:02G			
A*02:01:01G+A*31:28	A*02:139+A*31:01:02G			
A*02:01:01G+A*31:30	A*02:22:01G+A*31:01:02G			
A*02:01:01G+A*31:31	A*02:275+A*31:01:02G			
A*02:01:01G+A*31:36	A*02:257+A*31:01:02G			
A*02:01:01G+A*31:40	A*02:133+A*31:01:02G			
A*02:01:01G+A*31:45	A*02:165+A*31:01:02G			
A*02:01:01G+A*32:01:01G	A*02:40+A*32:06	A*02:81:01G+A*74:06	A*02:90+A*32:08	
A*02:01:01G+A*32:01:06	A*02:01:22+A*32:01:01G			
A*02:01:01G+A*32:02	A*02:12+A*32:06			
A*02:01:01G+A*32:03	A*02:87+A*74:06			
A*02:01:01G+A*32:04	A*02:81:01G+A*03:108			
A*02:01:01G+A*32:07	A*02:76+A*32:01:01G			
A*02:01:01G+A*32:09	A*02:233+A*32:01:01G			

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A*02:01:01G+A*32:12	A*02:121+A*32:01:01G			
A*02:01:01G+A*32:13	A*02:36+A*32:01:01G			
A*02:01:01G+A*32:17	A*02:34+A*32:01:01G	A*02:35:01+A*32:08		
A*02:01:01G+A*32:21	A*02:165+A*32:01:01G			
A*02:01:01G+A*32:22	A*02:12+A*32:01:01G	A*02:40+A*32:02	A*02:226N+A*32:01:06	
A*02:01:01G+A*33:01:01	A*02:01:52+A*33:01:02	A*02:174+A*33:34		
A*02:01:01G+A*33:01:05	A*02:24+A*33:32			
A*02:01:01G+A*33:03:01G	A*02:11:01G+A*33:24	A*02:55+A*33:08		
A*02:01:01G+A*33:03:02	A*02:01:27+A*33:03:01G			
A*02:01:01G+A*33:03:05	A*02:01:22+A*33:03:01G			
A*02:01:01G+A*33:09	A*02:20:01+A*33:08			
A*02:01:01G+A*33:10	A*02:36+A*33:03:01G			
A*02:01:01G+A*33:11	A*02:90+A*33:24			
A*02:01:01G+A*33:16	A*02:165+A*33:01:01			
A*02:01:01G+A*34:02	A*02:06:01G+A*34:08	A*02:25+A*34:03		
A*02:01:01G+A*34:04	A*02:28+A*34:08			
A*02:01:01G+A*36:04	A*02:101+A*36:01			
A*02:01:01G+A*66:01:01G	A*02:34+A*66:05	A*02:35:01+A*26:03:01	A*02:245+A*66:09	
A*02:01:01G+A*66:02	A*02:34+A*66:03			
A*02:01:01G+A*66:05	A*02:90+A*26:03:01			
A*02:01:01G+A*66:10	A*02:36+A*66:01:01G			
A*02:01:01G+A*66:12	A*02:35:01+A*26:30	A*02:135+A*69:01		
A*02:01:01G+A*66:14	A*02:121+A*66:01:01G			
A*02:01:01G+A*66:15	A*02:11:01G+A*26:03:01			
A*02:01:01G+A*68:01:01G	A*02:34+A*68:03:03			
A*02:01:01G+A*68:01:02G	A*02:04+A*68:23	A*02:22:01G+A*68:08:02	A*02:34+A*68:03:01	A*02:35:01+A*68:05
A*02:01:01G+A*68:01:03	A*02:01:54+A*68:01:01G			
A*02:01:01G+A*68:01:04	A*02:01:18+A*68:01:01G			
A*02:01:01G+A*68:01:05	A*02:01:36+A*68:01:01G			
A*02:01:01G+A*68:01:06	A*02:01:29+A*68:01:02G			
A*02:01:01G+A*68:02:01G	A*02:34+A*68:31	A*02:35:01+A*68:15		
A*02:01:01G+A*68:02:02	A*02:01:18+A*68:02:01G			
A*02:01:01G+A*68:03:01	A*02:01:02+A*68:03:02	A*02:90+A*68:05		
A*02:01:01G+A*68:09	A*02:12+A*68:08:02			
A*02:01:01G+A*68:12	A*02:86+A*68:01:02G			
A*02:01:01G+A*68:14	A*02:121+A*68:10			
A*02:01:01G+A*68:17	A*02:60:01+A*68:01:02G			
A*02:01:01G+A*68:19	A*02:237+A*68:01:02G			
A*02:01:01G+A*68:20	A*02:187+A*68:05			
A*02:01:01G+A*68:21	A*02:74:02+A*68:01:02G			
A*02:01:01G+A*68:24	A*02:208+A*68:01:02G			
A*02:01:01G+A*68:28	A*02:01:22+A*68:02:01G			
A*02:01:01G+A*68:31	A*02:90+A*68:15			
A*02:01:01G+A*68:35	A*02:123+A*68:01:01G			
A*02:01:01G+A*68:42	A*02:22:01G+A*68:63	A*02:26+A*68:01:01G		
A*02:01:01G+A*68:48	A*02:118+A*68:02:01G			
A*02:01:01G+A*68:51	A*02:40+A*68:02:01G			
A*02:01:01G+A*68:53	A*02:159+A*68:02:01G			
A*02:01:01G+A*68:54	A*02:26+A*68:02:01G			
A*02:01:01G+A*68:61	A*02:101+A*68:54			
A*02:01:01G+A*68:65	A*02:36+A*68:01:02G			
A*02:01:01G+A*74:01:01G	A*02:90+A*74:06	A*02:195+A*74:04		
A*02:01:01G+A*74:05	A*02:158+A*74:01:01G			
A*02:01:01G+A*74:07	A*02:11:01G+A*74:06			
A*02:01:01G+A*74:13	A*02:34+A*74:01:01G	A*02:35:01+A*74:06	A*02:56:02+A*74:04	
A*02:01:02+A*02:05:01G	A*02:02+A*02:06:09			
A*02:01:02+A*02:06:02	A*02:01:49+A*02:06:09			
A*02:01:02+A*02:06:04	A*02:01:22+A*02:06:09			
A*02:01:02+A*02:06:07	A*02:01:09+A*02:06:09			
A*02:01:02+A*02:10	A*02:06:09+A*02:242			
A*02:01:02+A*02:51	A*02:06:09+A*02:40			
A*02:01:02+A*02:54	A*02:06:09+A*02:37			
A*02:01:02+A*02:72	A*02:06:09+A*02:275			
A*02:01:02+A*02:79:01	A*02:06:09+A*02:86			
A*02:01:02+A*02:99	A*02:06:09+A*02:26			
A*02:01:02+A*02:106	A*02:06:09+A*02:145			
A*02:01:02+A*02:108	A*02:06:09+A*02:17:01G			
A*02:01:02+A*02:122	A*02:06:09+A*02:50			
A*02:01:02+A*02:127	A*02:06:09+A*02:167			
A*02:01:02+A*02:137	A*02:06:09+A*02:24			
A*02:01:02+A*02:142	A*02:06:09+A*02:12			
A*02:01:02+A*02:144	A*02:06:09+A*02:205			
A*02:01:02+A*02:169	A*02:06:09+A*02:195			
A*02:01:02+A*02:178	A*02:06:09+A*02:64			
A*02:01:02+A*03:12	A*02:06:09+A*03:01:01G			
A*02:01:02+A*24:50	A*02:06:09+A*24:104			
A*02:01:02+A*25:01:01G	A*02:06:09+A*25:03			
A*02:01:02+A*34:02	A*02:06:09+A*34:08			
A*02:01:04+A*02:05:03	A*02:01:17+A*02:05:01G			
A*02:01:04+A*02:35:02	A*02:01:17+A*02:35:01			
A*02:01:04+A*02:56:02	A*02:01:17+A*02:56:01			
A*02:01:04+A*03:01:01G	A*02:01:17+A*03:01:03			
A*02:01:04+A*11:01:06	A*02:01:25+A*11:01:05			
A*02:01:04+A*11:01:07	A*02:01:36+A*11:01:05			
A*02:01:04+A*11:01:12	A*02:01:45+A*11:01:05			
A*02:01:04+A*11:01:25	A*02:01:54+A*11:01:05			
A*02:01:04+A*11:15:01	A*02:202+A*11:01:05			
A*02:01:04+A*11:23	A*02:182+A*11:01:05			
A*02:01:04+A*11:30	A*02:197+A*11:01:05			
A*02:01:04+A*11:32	A*02:121+A*11:01:05			
A*02:01:04+A*11:33:02	A*02:174+A*11:01:05			
A*02:01:04+A*11:34	A*02:153+A*11:01:05			
A*02:01:04+A*11:36	A*02:07:01G+A*11:01:05			
A*02:01:04+A*11:39	A*02:36+A*11:01:05			
A*02:01:04+A*11:41	A*02:273+A*11:01:05			
A*02:01:04+A*11:48	A*02:183+A*11:01:05			
A*02:01:04+A*11:79	A*02:109+A*11:01:05			
A*02:01:04+A*24:02:12	A*02:01:49+A*24:02:35			
A*02:01:04+A*24:02:15	A*02:01:51+A*24:02:35			
A*02:01:04+A*24:02:18	A*02:01:18+A*24:02:35			
A*02:01:04+A*24:02:25	A*02:01:44+A*24:02:35			
A*02:01:04+A*24:02:26	A*02:01:41+A*24:02:35			
A*02:01:04+A*24:02:27	A*02:01:31+A*24:02:35			
A*02:01:04+A*24:02:29	A*02:01:35+A*24:02:35			
A*02:01:04+A*24:02:39	A*02:01:05+A*24:02:35			

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A*02:01:04+A*24:05	A*02:174+A*24:02:35
A*02:01:04+A*24:07	A*02:34+A*24:02:35
A*02:01:04+A*24:17	A*02:246+A*24:02:35
A*02:01:04+A*24:21:01	A*02:24+A*24:02:35
A*02:01:04+A*24:46	A*02:101+A*24:02:35
A*02:01:04+A*24:47	A*02:205+A*24:02:35
A*02:01:04+A*24:55	A*02:16:01G+A*24:02:35
A*02:01:04+A*24:56	A*02:26+A*24:02:35
A*02:01:04+A*24:58	A*02:107+A*24:02:35
A*02:01:04+A*24:62	A*02:80+A*24:02:35
A*02:01:04+A*24:71	A*02:40+A*24:02:35
A*02:01:04+A*24:72	A*02:145+A*24:02:35
A*02:01:04+A*24:73	A*02:147+A*24:02:35
A*02:01:04+A*24:90N	A*02:88N+A*24:02:35
A*02:01:04+A*24:91	A*02:68+A*24:02:35
A*02:01:04+A*24:96	A*02:254+A*24:02:35
A*02:01:04+A*24:99	A*02:25+A*24:02:35
A*02:01:04+A*24:119	A*02:158+A*24:02:35
A*02:01:04+A*24:121	A*02:64+A*24:02:35
A*02:01:04+A*24:133	A*02:182+A*24:02:35
A*02:01:04+A*24:145	A*02:20:01+A*24:02:35
A*02:01:04+A*26:07:01	A*02:01:17+A*26:07:02
A*02:01:04+A*33:01:01	A*02:01:17+A*33:01:02
A*02:01:05+A*24:02:12	A*02:01:49+A*24:02:39
A*02:01:05+A*24:02:15	A*02:01:51+A*24:02:39
A*02:01:05+A*24:02:18	A*02:01:18+A*24:02:39
A*02:01:05+A*24:02:25	A*02:01:44+A*24:02:39
A*02:01:05+A*24:02:26	A*02:01:41+A*24:02:39
A*02:01:05+A*24:02:27	A*02:01:31+A*24:02:39
A*02:01:05+A*24:02:29	A*02:01:35+A*24:02:39
A*02:01:05+A*24:05	A*02:174+A*24:02:39
A*02:01:05+A*24:07	A*02:34+A*24:02:39
A*02:01:05+A*24:17	A*02:246+A*24:02:39
A*02:01:05+A*24:21:01	A*02:24+A*24:02:39
A*02:01:05+A*24:46	A*02:101+A*24:02:39
A*02:01:05+A*24:47	A*02:205+A*24:02:39
A*02:01:05+A*24:55	A*02:16:01G+A*24:02:39
A*02:01:05+A*24:56	A*02:26+A*24:02:39
A*02:01:05+A*24:58	A*02:107+A*24:02:39
A*02:01:05+A*24:62	A*02:80+A*24:02:39
A*02:01:05+A*24:71	A*02:40+A*24:02:39
A*02:01:05+A*24:72	A*02:145+A*24:02:39
A*02:01:05+A*24:73	A*02:147+A*24:02:39
A*02:01:05+A*24:90N	A*02:88N+A*24:02:39
A*02:01:05+A*24:91	A*02:68+A*24:02:39
A*02:01:05+A*24:96	A*02:254+A*24:02:39
A*02:01:05+A*24:99	A*02:25+A*24:02:39
A*02:01:05+A*24:119	A*02:158+A*24:02:39
A*02:01:05+A*24:121	A*02:64+A*24:02:39
A*02:01:05+A*24:133	A*02:182+A*24:02:39
A*02:01:05+A*24:145	A*02:20:01+A*24:02:39
A*02:01:09+A*02:05:01G	A*02:02+A*02:06:07
A*02:01:09+A*02:06:02	A*02:01:49+A*02:06:07
A*02:01:09+A*02:06:04	A*02:01:22+A*02:06:07
A*02:01:09+A*02:10	A*02:06:07+A*02:242
A*02:01:09+A*02:35:02	A*02:01:52+A*02:35:03
A*02:01:09+A*02:51	A*02:06:07+A*02:40
A*02:01:09+A*02:54	A*02:06:07+A*02:37
A*02:01:09+A*02:72	A*02:06:07+A*02:275
A*02:01:09+A*02:79:01	A*02:06:07+A*02:86
A*02:01:09+A*02:99	A*02:06:07+A*02:26
A*02:01:09+A*02:106	A*02:06:07+A*02:145
A*02:01:09+A*02:108	A*02:06:07+A*02:17:01G
A*02:01:09+A*02:122	A*02:06:07+A*02:50
A*02:01:09+A*02:127	A*02:06:07+A*02:167
A*02:01:09+A*02:128	A*02:11:02+A*02:20:01
A*02:01:09+A*02:137	A*02:06:07+A*02:24
A*02:01:09+A*02:142	A*02:06:07+A*02:12
A*02:01:09+A*02:144	A*02:06:07+A*02:205
A*02:01:09+A*02:169	A*02:06:07+A*02:195
A*02:01:09+A*02:178	A*02:06:07+A*02:64
A*02:01:09+A*03:01:01G	A*02:35:03+A*03:108
A*02:01:09+A*03:12	A*02:06:07+A*03:01:01G
A*02:01:09+A*11:12	A*02:35:03+A*11:18
A*02:01:09+A*23:13	A*02:35:03+A*23:12
A*02:01:09+A*24:07	A*02:35:03+A*24:30
A*02:01:09+A*24:34	A*02:11:02+A*24:30
A*02:01:09+A*24:50	A*02:06:07+A*24:104
A*02:01:09+A*25:01:01G	A*02:06:07+A*25:03
A*02:01:09+A*25:02	A*02:35:03+A*25:11
A*02:01:09+A*26:13	A*02:35:03+A*26:36
A*02:01:09+A*30:01:01G	A*02:35:03+A*30:44
A*02:01:09+A*30:17	A*02:35:03+A*30:46
A*02:01:09+A*32:17	A*02:35:03+A*32:08
A*02:01:09+A*33:03:01G	A*02:11:02+A*33:24
A*02:01:09+A*34:02	A*02:06:07+A*34:08
A*02:01:09+A*66:01:01G	A*02:35:03+A*26:03:01
A*02:01:09+A*66:12	A*02:35:03+A*26:30
A*02:01:09+A*66:15	A*02:11:02+A*26:03:01
A*02:01:09+A*68:01:02G	A*02:35:03+A*68:05
A*02:01:09+A*68:02:01G	A*02:35:03+A*68:15
A*02:01:09+A*74:07	A*02:11:02+A*74:06
A*02:01:09+A*74:13	A*02:35:03+A*74:06
A*02:01:12+A*03:01:02	A*02:01:22+A*03:01:09
A*02:01:12+A*03:01:04	A*02:01:13+A*03:01:09
A*02:01:12+A*03:01:20	A*02:01:35+A*03:01:09
A*02:01:12+A*03:04	A*02:74:02+A*03:01:09
A*02:01:12+A*03:12	A*02:06:01G+A*03:01:09
A*02:01:12+A*03:22	A*02:174+A*03:01:09
A*02:01:12+A*03:44	A*02:164+A*03:01:09
A*02:01:12+A*03:50	A*02:22:01G+A*03:01:09
A*02:01:12+A*03:54	A*02:145+A*03:01:09
A*02:01:12+A*03:65	A*02:12+A*03:01:09
A*02:01:12+A*03:66	A*02:49+A*03:01:09
A*02:01:12+A*03:69N	A*02:226N+A*03:01:09

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A*02:01:12+A*03:72	A*02:76+A*03:01:09	
A*02:01:12+A*03:79	A*02:85+A*03:01:09	
A*02:01:12+A*03:87	A*02:197+A*03:01:09	
A*02:01:12+A*03:93	A*02:119+A*03:01:09	
A*02:01:12+A*03:97	A*02:36+A*03:01:09	
A*02:01:13+A*03:01:02	A*02:01:22+A*03:01:04	
A*02:01:13+A*03:01:20	A*02:01:35+A*03:01:04	
A*02:01:13+A*03:04	A*02:74:02+A*03:01:04	
A*02:01:13+A*03:12	A*02:06:01G+A*03:01:04	
A*02:01:13+A*03:22	A*02:174+A*03:01:04	
A*02:01:13+A*03:44	A*02:164+A*03:01:04	
A*02:01:13+A*03:50	A*02:22:01G+A*03:01:04	
A*02:01:13+A*03:54	A*02:145+A*03:01:04	
A*02:01:13+A*03:65	A*02:12+A*03:01:04	
A*02:01:13+A*03:66	A*02:49+A*03:01:04	
A*02:01:13+A*03:69N	A*02:226N+A*03:01:04	
A*02:01:13+A*03:72	A*02:76+A*03:01:04	
A*02:01:13+A*03:79	A*02:85+A*03:01:04	
A*02:01:13+A*03:87	A*02:197+A*03:01:04	
A*02:01:13+A*03:93	A*02:119+A*03:01:04	
A*02:01:13+A*03:97	A*02:36+A*03:01:04	
A*02:01:17+A*11:01:01GN	A*02:01:52+A*11:01:05	
A*02:01:17+A*24:02:01G	A*02:01:52+A*24:02:35	
A*02:01:17+A*24:124	A*02:185+A*24:02:35	
A*02:01:18+A*24:02:12	A*02:01:49+A*24:02:18	
A*02:01:18+A*24:02:15	A*02:01:51+A*24:02:18	
A*02:01:18+A*24:02:25	A*02:01:44+A*24:02:18	
A*02:01:18+A*24:02:26	A*02:01:41+A*24:02:18	
A*02:01:18+A*24:02:27	A*02:01:31+A*24:02:18	
A*02:01:18+A*24:02:29	A*02:01:35+A*24:02:18	
A*02:01:18+A*24:05	A*02:174+A*24:02:18	
A*02:01:18+A*24:07	A*02:34+A*24:02:18	
A*02:01:18+A*24:10	A*02:101+A*24:03:02	
A*02:01:18+A*24:17	A*02:246+A*24:02:18	
A*02:01:18+A*24:21:01	A*02:24+A*24:02:18	
A*02:01:18+A*24:46	A*02:101+A*24:02:18	
A*02:01:18+A*24:47	A*02:205+A*24:02:18	
A*02:01:18+A*24:55	A*02:16:01G+A*24:02:18	
A*02:01:18+A*24:56	A*02:26+A*24:02:18	
A*02:01:18+A*24:58	A*02:107+A*24:02:18	
A*02:01:18+A*24:62	A*02:80+A*24:02:18	
A*02:01:18+A*24:71	A*02:40+A*24:02:18	
A*02:01:18+A*24:72	A*02:145+A*24:02:18	
A*02:01:18+A*24:73	A*02:147+A*24:02:18	
A*02:01:18+A*24:90N	A*02:88N+A*24:02:18	
A*02:01:18+A*24:91	A*02:68+A*24:02:18	
A*02:01:18+A*24:96	A*02:254+A*24:02:18	
A*02:01:18+A*24:99	A*02:25+A*24:02:18	
A*02:01:18+A*24:119	A*02:158+A*24:02:18	
A*02:01:18+A*24:121	A*02:64+A*24:02:18	
A*02:01:18+A*24:133	A*02:182+A*24:02:18	
A*02:01:18+A*24:145	A*02:20:01+A*24:02:18	
A*02:01:18+A*26:01:09	A*02:01:29+A*26:01:03	
A*02:01:18+A*26:01:10	A*02:01:45+A*26:01:03	
A*02:01:18+A*26:01:18	A*02:01:26+A*26:01:03	
A*02:01:18+A*26:13	A*02:34+A*26:01:03	
A*02:01:18+A*26:27	A*02:68+A*26:01:03	
A*02:01:18+A*26:41	A*02:187+A*26:01:03	
A*02:01:18+A*26:47	A*02:85+A*26:01:03	
A*02:01:18+A*26:49	A*02:36+A*26:01:03	
A*02:01:18+A*26:50	A*02:210+A*26:01:03	
A*02:01:18+A*26:52	A*02:40+A*26:01:03	
A*02:01:18+A*68:01:03	A*02:01:54+A*68:01:04	
A*02:01:18+A*68:01:05	A*02:01:36+A*68:01:04	
A*02:01:18+A*68:28	A*02:01:22+A*68:02:02	
A*02:01:18+A*68:35	A*02:123+A*68:01:04	
A*02:01:18+A*68:42	A*02:26+A*68:01:04	
A*02:01:18+A*68:48	A*02:118+A*68:02:02	
A*02:01:18+A*68:51	A*02:40+A*68:02:02	
A*02:01:18+A*68:53	A*02:159+A*68:02:02	
A*02:01:18+A*68:54	A*02:26+A*68:02:02	
A*02:01:22+A*02:03:01G	A*02:22:01G+A*02:171:01	A*02:49+A*02:171:02
A*02:01:22+A*02:05:01G	A*02:02+A*02:06:04	A*02:14+A*02:49
A*02:01:22+A*02:06:02	A*02:01:49+A*02:06:04	
A*02:01:22+A*02:10	A*02:06:04+A*02:242	
A*02:01:22+A*02:51	A*02:06:04+A*02:40	
A*02:01:22+A*02:54	A*02:06:04+A*02:37	
A*02:01:22+A*02:72	A*02:06:04+A*02:275	
A*02:01:22+A*02:79:01	A*02:06:04+A*02:86	
A*02:01:22+A*02:99	A*02:06:04+A*02:26	
A*02:01:22+A*02:106	A*02:06:04+A*02:145	
A*02:01:22+A*02:108	A*02:06:04+A*02:17:01G	
A*02:01:22+A*02:122	A*02:06:04+A*02:50	
A*02:01:22+A*02:127	A*02:06:04+A*02:167	
A*02:01:22+A*02:136	A*02:49+A*02:87	
A*02:01:22+A*02:137	A*02:06:04+A*02:24	
A*02:01:22+A*02:142	A*02:06:04+A*02:12	
A*02:01:22+A*02:144	A*02:06:04+A*02:205	
A*02:01:22+A*02:169	A*02:06:04+A*02:195	
A*02:01:22+A*02:178	A*02:06:04+A*02:64	
A*02:01:22+A*02:191	A*02:07:01G+A*02:49	
A*02:01:22+A*02:280	A*02:12+A*02:171:01	
A*02:01:22+A*03:01:20	A*02:01:35+A*03:01:02	
A*02:01:22+A*03:04	A*02:74:02+A*03:01:02	
A*02:01:22+A*03:12	A*02:06:01G+A*03:01:02	A*02:06:04+A*03:01:01G
A*02:01:22+A*03:22	A*02:174+A*03:01:02	
A*02:01:22+A*03:44	A*02:164+A*03:01:02	
A*02:01:22+A*03:54	A*02:145+A*03:01:02	
A*02:01:22+A*03:65	A*02:12+A*03:01:02	
A*02:01:22+A*03:66	A*02:49+A*03:01:02	
A*02:01:22+A*03:72	A*02:76+A*03:01:02	
A*02:01:22+A*03:79	A*02:85+A*03:01:02	
A*02:01:22+A*03:87	A*02:197+A*03:01:02	
A*02:01:22+A*03:93	A*02:119+A*03:01:02	
A*02:01:22+A*03:97	A*02:36+A*03:01:02	

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A*02:01:22+A*11:01:01GN	A*02:12+A*11:24:01	
A*02:01:22+A*11:39	A*02:37+A*11:24:01	
A*02:01:22+A*11:44	A*02:49+A*11:24:01	
A*02:01:22+A*23:01:01G	A*02:174+A*23:14	
A*02:01:22+A*23:02	A*02:49+A*23:01:01G	
A*02:01:22+A*24:02:01G	A*02:12+A*24:13:02	
A*02:01:22+A*24:50	A*02:06:04+A*24:104	
A*02:01:22+A*24:56	A*02:13+A*24:13:02	
A*02:01:22+A*24:59	A*02:27+A*24:13:02	
A*02:01:22+A*24:71	A*02:12+A*23:14	
A*02:01:22+A*24:87	A*02:49+A*24:13:02	
A*02:01:22+A*25:01:01G	A*02:06:04+A*25:03	
A*02:01:22+A*26:01:01G	A*02:22:01G+A*26:43:02	A*02:49+A*26:43:01
A*02:01:22+A*26:08	A*02:12+A*26:43:02	
A*02:01:22+A*26:52	A*02:171:01+A*26:18	
A*02:01:22+A*30:25	A*02:34+A*30:02:05	
A*02:01:22+A*30:28	A*02:224+A*30:02:05	
A*02:01:22+A*30:34	A*02:74:01+A*30:02:05	
A*02:01:22+A*31:01:06	A*02:01:49+A*31:01:05	
A*02:01:22+A*31:05	A*02:36+A*31:01:05	
A*02:01:22+A*31:11	A*02:202+A*31:01:05	
A*02:01:22+A*31:13	A*02:251+A*31:01:05	
A*02:01:22+A*31:16	A*02:107+A*31:01:05	
A*02:01:22+A*31:28	A*02:139+A*31:01:05	
A*02:01:22+A*31:30	A*02:22:01G+A*31:01:05	A*02:49+A*31:01:02G
A*02:01:22+A*31:31	A*02:275+A*31:01:05	
A*02:01:22+A*31:36	A*02:257+A*31:01:05	
A*02:01:22+A*31:40	A*02:133+A*31:01:05	
A*02:01:22+A*31:45	A*02:165+A*31:01:05	
A*02:01:22+A*32:07	A*02:76+A*32:01:06	
A*02:01:22+A*32:09	A*02:233+A*32:01:06	
A*02:01:22+A*32:12	A*02:121+A*32:01:06	
A*02:01:22+A*32:13	A*02:36+A*32:01:06	
A*02:01:22+A*32:17	A*02:34+A*32:01:06	
A*02:01:22+A*32:21	A*02:165+A*32:01:06	
A*02:01:22+A*32:22	A*02:12+A*32:01:06	
A*02:01:22+A*33:03:02	A*02:01:27+A*33:03:05	
A*02:01:22+A*33:10	A*02:36+A*33:03:05	
A*02:01:22+A*34:02	A*02:06:04+A*34:08	
A*02:01:22+A*68:01:01G	A*02:22:01G+A*68:08:01	
A*02:01:22+A*68:01:02G	A*02:49+A*68:08:02	
A*02:01:22+A*68:26	A*02:37+A*68:08:01	
A*02:01:22+A*68:42	A*02:49+A*68:63	
A*02:01:22+A*68:48	A*02:118+A*68:28	
A*02:01:22+A*68:51	A*02:40+A*68:28	
A*02:01:22+A*68:53	A*02:159+A*68:28	
A*02:01:22+A*68:54	A*02:26+A*68:28	
A*02:01:22+A*68:63	A*02:26+A*68:08:01	
A*02:01:25+A*11:01:07	A*02:01:36+A*11:01:06	
A*02:01:25+A*11:01:12	A*02:01:45+A*11:01:06	
A*02:01:25+A*11:01:25	A*02:01:54+A*11:01:06	
A*02:01:25+A*11:15:01	A*02:202+A*11:01:06	
A*02:01:25+A*11:23	A*02:182+A*11:01:06	
A*02:01:25+A*11:30	A*02:197+A*11:01:06	
A*02:01:25+A*11:32	A*02:121+A*11:01:06	
A*02:01:25+A*11:33:02	A*02:174+A*11:01:06	
A*02:01:25+A*11:34	A*02:153+A*11:01:06	
A*02:01:25+A*11:36	A*02:07:01G+A*11:01:06	
A*02:01:25+A*11:39	A*02:36+A*11:01:06	
A*02:01:25+A*11:41	A*02:273+A*11:01:06	
A*02:01:25+A*11:48	A*02:183+A*11:01:06	
A*02:01:25+A*11:79	A*02:109+A*11:01:06	
A*02:01:26+A*26:01:09	A*02:01:29+A*26:01:18	
A*02:01:26+A*26:01:10	A*02:01:45+A*26:01:18	
A*02:01:26+A*26:13	A*02:34+A*26:01:18	
A*02:01:26+A*26:27	A*02:68+A*26:01:18	
A*02:01:26+A*26:41	A*02:187+A*26:01:18	
A*02:01:26+A*26:47	A*02:85+A*26:01:18	
A*02:01:26+A*26:49	A*02:36+A*26:01:18	
A*02:01:26+A*26:50	A*02:210+A*26:01:18	
A*02:01:26+A*26:52	A*02:40+A*26:01:18	
A*02:01:27+A*33:10	A*02:36+A*33:03:02	
A*02:01:29+A*26:01:10	A*02:01:45+A*26:01:09	
A*02:01:29+A*26:13	A*02:34+A*26:01:09	
A*02:01:29+A*26:27	A*02:68+A*26:01:09	
A*02:01:29+A*26:41	A*02:187+A*26:01:09	
A*02:01:29+A*26:47	A*02:85+A*26:01:09	
A*02:01:29+A*26:49	A*02:36+A*26:01:09	
A*02:01:29+A*26:50	A*02:210+A*26:01:09	
A*02:01:29+A*26:52	A*02:40+A*26:01:09	
A*02:01:29+A*68:12	A*02:86+A*68:01:06	
A*02:01:29+A*68:17	A*02:60:01+A*68:01:06	
A*02:01:29+A*68:19	A*02:237+A*68:01:06	
A*02:01:29+A*68:21	A*02:74:02+A*68:01:06	
A*02:01:29+A*68:24	A*02:208+A*68:01:06	
A*02:01:29+A*68:65	A*02:36+A*68:01:06	
A*02:01:31+A*24:02:12	A*02:01:49+A*24:02:27	
A*02:01:31+A*24:02:15	A*02:01:51+A*24:02:27	
A*02:01:31+A*24:02:25	A*02:01:44+A*24:02:27	
A*02:01:31+A*24:02:26	A*02:01:41+A*24:02:27	
A*02:01:31+A*24:02:29	A*02:01:35+A*24:02:27	
A*02:01:31+A*24:05	A*02:174+A*24:02:27	
A*02:01:31+A*24:07	A*02:34+A*24:02:27	
A*02:01:31+A*24:17	A*02:246+A*24:02:27	
A*02:01:31+A*24:21:01	A*02:24+A*24:02:27	
A*02:01:31+A*24:46	A*02:101+A*24:02:27	
A*02:01:31+A*24:47	A*02:205+A*24:02:27	
A*02:01:31+A*24:55	A*02:16:01G+A*24:02:27	
A*02:01:31+A*24:56	A*02:26+A*24:02:27	
A*02:01:31+A*24:58	A*02:107+A*24:02:27	
A*02:01:31+A*24:62	A*02:80+A*24:02:27	
A*02:01:31+A*24:71	A*02:40+A*24:02:27	
A*02:01:31+A*24:72	A*02:145+A*24:02:27	
A*02:01:31+A*24:73	A*02:147+A*24:02:27	
A*02:01:31+A*24:90N	A*02:88N+A*24:02:27	

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A*02:01:31+A*24:91	A*02:68+A*24:02:27
A*02:01:31+A*24:96	A*02:254+A*24:02:27
A*02:01:31+A*24:99	A*02:25+A*24:02:27
A*02:01:31+A*24:119	A*02:158+A*24:02:27
A*02:01:31+A*24:121	A*02:64+A*24:02:27
A*02:01:31+A*24:133	A*02:182+A*24:02:27
A*02:01:31+A*24:145	A*02:20:01+A*24:02:27
A*02:01:35+A*03:04	A*02:74:02+A*03:01:20
A*02:01:35+A*03:12	A*02:06:01G+A*03:01:20
A*02:01:35+A*03:22	A*02:174+A*03:01:20
A*02:01:35+A*03:44	A*02:164+A*03:01:20
A*02:01:35+A*03:50	A*02:22:01G+A*03:01:20
A*02:01:35+A*03:54	A*02:145+A*03:01:20
A*02:01:35+A*03:65	A*02:12+A*03:01:20
A*02:01:35+A*03:66	A*02:49+A*03:01:20
A*02:01:35+A*03:69N	A*02:226N+A*03:01:20
A*02:01:35+A*03:72	A*02:76+A*03:01:20
A*02:01:35+A*03:79	A*02:85+A*03:01:20
A*02:01:35+A*03:87	A*02:197+A*03:01:20
A*02:01:35+A*03:93	A*02:119+A*03:01:20
A*02:01:35+A*03:97	A*02:36+A*03:01:20
A*02:01:35+A*24:02:12	A*02:01:49+A*24:02:29
A*02:01:35+A*24:02:15	A*02:01:51+A*24:02:29
A*02:01:35+A*24:02:25	A*02:01:44+A*24:02:29
A*02:01:35+A*24:02:26	A*02:01:41+A*24:02:29
A*02:01:35+A*24:05	A*02:174+A*24:02:29
A*02:01:35+A*24:07	A*02:34+A*24:02:29
A*02:01:35+A*24:17	A*02:246+A*24:02:29
A*02:01:35+A*24:21:01	A*02:24+A*24:02:29
A*02:01:35+A*24:46	A*02:101+A*24:02:29
A*02:01:35+A*24:47	A*02:205+A*24:02:29
A*02:01:35+A*24:55	A*02:16:01G+A*24:02:29
A*02:01:35+A*24:56	A*02:26+A*24:02:29
A*02:01:35+A*24:58	A*02:107+A*24:02:29
A*02:01:35+A*24:62	A*02:80+A*24:02:29
A*02:01:35+A*24:71	A*02:40+A*24:02:29
A*02:01:35+A*24:72	A*02:145+A*24:02:29
A*02:01:35+A*24:73	A*02:147+A*24:02:29
A*02:01:35+A*24:90N	A*02:88N+A*24:02:29
A*02:01:35+A*24:91	A*02:68+A*24:02:29
A*02:01:35+A*24:96	A*02:254+A*24:02:29
A*02:01:35+A*24:99	A*02:25+A*24:02:29
A*02:01:35+A*24:119	A*02:158+A*24:02:29
A*02:01:35+A*24:121	A*02:64+A*24:02:29
A*02:01:35+A*24:133	A*02:182+A*24:02:29
A*02:01:35+A*24:145	A*02:20:01+A*24:02:29
A*02:01:36+A*11:01:12	A*02:01:45+A*11:01:07
A*02:01:36+A*11:01:25	A*02:01:54+A*11:01:07
A*02:01:36+A*11:15:01	A*02:202+A*11:01:07
A*02:01:36+A*11:23	A*02:182+A*11:01:07
A*02:01:36+A*11:30	A*02:197+A*11:01:07
A*02:01:36+A*11:32	A*02:121+A*11:01:07
A*02:01:36+A*11:34	A*02:153+A*11:01:07
A*02:01:36+A*11:36	A*02:07:01G+A*11:01:07
A*02:01:36+A*11:39	A*02:36+A*11:01:07
A*02:01:36+A*11:41	A*02:273+A*11:01:07
A*02:01:36+A*11:48	A*02:183+A*11:01:07
A*02:01:36+A*11:79	A*02:109+A*11:01:07
A*02:01:36+A*68:01:03	A*02:01:54+A*68:01:05
A*02:01:36+A*68:35	A*02:123+A*68:01:05
A*02:01:36+A*68:42	A*02:26+A*68:01:05
A*02:01:38+A*23:02	A*02:22:01G+A*23:01:02
A*02:01:38+A*23:03:02	A*02:24+A*23:01:02
A*02:01:38+A*23:06	A*02:257+A*23:01:02
A*02:01:38+A*23:08N	A*02:82N+A*23:01:02
A*02:01:38+A*23:10	A*02:101+A*23:01:02
A*02:01:38+A*23:13	A*02:34+A*23:01:02
A*02:01:38+A*23:24	A*02:145+A*23:01:02
A*02:01:38+A*23:25	A*02:74:02+A*23:01:02
A*02:01:41+A*24:02:12	A*02:01:49+A*24:02:26
A*02:01:41+A*24:02:15	A*02:01:51+A*24:02:26
A*02:01:41+A*24:02:25	A*02:01:44+A*24:02:26
A*02:01:41+A*24:05	A*02:174+A*24:02:26
A*02:01:41+A*24:07	A*02:34+A*24:02:26
A*02:01:41+A*24:17	A*02:246+A*24:02:26
A*02:01:41+A*24:21:01	A*02:24+A*24:02:26
A*02:01:41+A*24:46	A*02:101+A*24:02:26
A*02:01:41+A*24:47	A*02:205+A*24:02:26
A*02:01:41+A*24:55	A*02:16:01G+A*24:02:26
A*02:01:41+A*24:56	A*02:26+A*24:02:26
A*02:01:41+A*24:58	A*02:107+A*24:02:26
A*02:01:41+A*24:62	A*02:80+A*24:02:26
A*02:01:41+A*24:71	A*02:40+A*24:02:26
A*02:01:41+A*24:72	A*02:145+A*24:02:26
A*02:01:41+A*24:73	A*02:147+A*24:02:26
A*02:01:41+A*24:90N	A*02:88N+A*24:02:26
A*02:01:41+A*24:91	A*02:68+A*24:02:26
A*02:01:41+A*24:96	A*02:254+A*24:02:26
A*02:01:41+A*24:99	A*02:25+A*24:02:26
A*02:01:41+A*24:119	A*02:158+A*24:02:26
A*02:01:41+A*24:121	A*02:64+A*24:02:26
A*02:01:41+A*24:133	A*02:182+A*24:02:26
A*02:01:41+A*24:145	A*02:20:01+A*24:02:26
A*02:01:43+A*25:02	A*02:34+A*25:01:04
A*02:01:43+A*25:08	A*02:85+A*25:01:04
A*02:01:44+A*24:02:12	A*02:01:49+A*24:02:25
A*02:01:44+A*24:02:15	A*02:01:51+A*24:02:25
A*02:01:44+A*24:05	A*02:174+A*24:02:25
A*02:01:44+A*24:07	A*02:34+A*24:02:25
A*02:01:44+A*24:17	A*02:246+A*24:02:25
A*02:01:44+A*24:21:01	A*02:24+A*24:02:25
A*02:01:44+A*24:46	A*02:101+A*24:02:25
A*02:01:44+A*24:47	A*02:205+A*24:02:25
A*02:01:44+A*24:55	A*02:16:01G+A*24:02:25
A*02:01:44+A*24:56	A*02:26+A*24:02:25

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A*02:01:44+A*24:58	A*02:107+A*24:02:25
A*02:01:44+A*24:62	A*02:80+A*24:02:25
A*02:01:44+A*24:71	A*02:40+A*24:02:25
A*02:01:44+A*24:72	A*02:145+A*24:02:25
A*02:01:44+A*24:73	A*02:147+A*24:02:25
A*02:01:44+A*24:90N	A*02:88N+A*24:02:25
A*02:01:44+A*24:91	A*02:68+A*24:02:25
A*02:01:44+A*24:96	A*02:254+A*24:02:25
A*02:01:44+A*24:99	A*02:25+A*24:02:25
A*02:01:44+A*24:119	A*02:158+A*24:02:25
A*02:01:44+A*24:121	A*02:64+A*24:02:25
A*02:01:44+A*24:133	A*02:182+A*24:02:25
A*02:01:44+A*24:145	A*02:20:01+A*24:02:25
A*02:01:45+A*11:01:25	A*02:01:54+A*11:01:12
A*02:01:45+A*11:15:01	A*02:202+A*11:01:12
A*02:01:45+A*11:23	A*02:182+A*11:01:12
A*02:01:45+A*11:30	A*02:197+A*11:01:12
A*02:01:45+A*11:32	A*02:121+A*11:01:12
A*02:01:45+A*11:33:02	A*02:174+A*11:01:12
A*02:01:45+A*11:34	A*02:153+A*11:01:12
A*02:01:45+A*11:36	A*02:07:01G+A*11:01:12
A*02:01:45+A*11:39	A*02:36+A*11:01:12
A*02:01:45+A*11:41	A*02:273+A*11:01:12
A*02:01:45+A*11:48	A*02:183+A*11:01:12
A*02:01:45+A*11:79	A*02:109+A*11:01:12
A*02:01:45+A*26:13	A*02:34+A*26:01:10
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A*02:01:49+A*02:10	A*02:06:02+A*02:242
A*02:01:49+A*02:51	A*02:06:02+A*02:40
A*02:01:49+A*02:54	A*02:06:02+A*02:37
A*02:01:49+A*02:72	A*02:06:02+A*02:275
A*02:01:49+A*02:79:01	A*02:06:02+A*02:86
A*02:01:49+A*02:99	A*02:06:02+A*02:26
A*02:01:49+A*02:106	A*02:06:02+A*02:145
A*02:01:49+A*02:108	A*02:06:02+A*02:17:01G
A*02:01:49+A*02:122	A*02:06:02+A*02:50
A*02:01:49+A*02:127	A*02:06:02+A*02:167
A*02:01:49+A*02:137	A*02:06:02+A*02:24
A*02:01:49+A*02:142	A*02:06:02+A*02:12
A*02:01:49+A*02:144	A*02:06:02+A*02:205
A*02:01:49+A*02:169	A*02:06:02+A*02:195
A*02:01:49+A*02:178	A*02:06:02+A*02:64
A*02:01:49+A*03:12	A*02:06:02+A*03:01:01G
A*02:01:49+A*24:02:15	A*02:01:51+A*24:02:12
A*02:01:49+A*24:05	A*02:174+A*24:02:12
A*02:01:49+A*24:07	A*02:34+A*24:02:12
A*02:01:49+A*24:17	A*02:246+A*24:02:12
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A*02:01:49+A*24:46	A*02:101+A*24:02:12
A*02:01:49+A*24:47	A*02:205+A*24:02:12
A*02:01:49+A*24:50	A*02:06:02+A*24:104
A*02:01:49+A*24:55	A*02:16:01G+A*24:02:12
A*02:01:49+A*24:56	A*02:26+A*24:02:12
A*02:01:49+A*24:58	A*02:107+A*24:02:12
A*02:01:49+A*24:62	A*02:80+A*24:02:12
A*02:01:49+A*24:71	A*02:40+A*24:02:12
A*02:01:49+A*24:72	A*02:145+A*24:02:12
A*02:01:49+A*24:73	A*02:147+A*24:02:12
A*02:01:49+A*24:90N	A*02:88N+A*24:02:12
A*02:01:49+A*24:91	A*02:68+A*24:02:12
A*02:01:49+A*24:96	A*02:254+A*24:02:12
A*02:01:49+A*24:99	A*02:25+A*24:02:12
A*02:01:49+A*24:119	A*02:158+A*24:02:12
A*02:01:49+A*24:121	A*02:64+A*24:02:12
A*02:01:49+A*24:133	A*02:182+A*24:02:12
A*02:01:49+A*24:145	A*02:20:01+A*24:02:12
A*02:01:49+A*25:01:01G	A*02:06:02+A*25:03
A*02:01:49+A*31:05	A*02:36+A*31:01:06
A*02:01:49+A*31:11	A*02:202+A*31:01:06
A*02:01:49+A*31:13	A*02:251+A*31:01:06
A*02:01:49+A*31:16	A*02:107+A*31:01:06
A*02:01:49+A*31:28	A*02:139+A*31:01:06
A*02:01:49+A*31:30	A*02:22:01G+A*31:01:06
A*02:01:49+A*31:31	A*02:275+A*31:01:06
A*02:01:49+A*31:36	A*02:257+A*31:01:06
A*02:01:49+A*31:40	A*02:133+A*31:01:06
A*02:01:49+A*31:45	A*02:165+A*31:01:06
A*02:01:49+A*34:02	A*02:06:02+A*34:08
A*02:01:51+A*24:05	A*02:174+A*24:02:15
A*02:01:51+A*24:07	A*02:34+A*24:02:15
A*02:01:51+A*24:17	A*02:246+A*24:02:15
A*02:01:51+A*24:21:01	A*02:24+A*24:02:15
A*02:01:51+A*24:46	A*02:101+A*24:02:15
A*02:01:51+A*24:47	A*02:205+A*24:02:15
A*02:01:51+A*24:55	A*02:16:01G+A*24:02:15
A*02:01:51+A*24:56	A*02:26+A*24:02:15
A*02:01:51+A*24:58	A*02:107+A*24:02:15
A*02:01:51+A*24:62	A*02:80+A*24:02:15
A*02:01:51+A*24:71	A*02:40+A*24:02:15
A*02:01:51+A*24:72	A*02:145+A*24:02:15
A*02:01:51+A*24:73	A*02:147+A*24:02:15
A*02:01:51+A*24:90N	A*02:88N+A*24:02:15
A*02:01:51+A*24:91	A*02:68+A*24:02:15
A*02:01:51+A*24:96	A*02:254+A*24:02:15
A*02:01:51+A*24:99	A*02:25+A*24:02:15
A*02:01:51+A*24:119	A*02:158+A*24:02:15
A*02:01:51+A*24:121	A*02:64+A*24:02:15
A*02:01:51+A*24:133	A*02:182+A*24:02:15
A*02:01:51+A*24:145	A*02:20:01+A*24:02:15

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A*02:01:52+A*02:08	A*02:05:03+A*02:20:01			
A*02:01:52+A*02:78	A*02:35:01+A*02:169			
A*02:01:52+A*02:154	A*02:05:03+A*02:101			
A*02:01:52+A*03:01:01G	A*02:35:02+A*03:108			
A*02:01:52+A*11:12	A*02:35:02+A*11:18			
A*02:01:52+A*23:13	A*02:35:02+A*23:12			
A*02:01:52+A*24:02:01G	A*02:48+A*24:42			
A*02:01:52+A*24:07	A*02:35:02+A*24:30			
A*02:01:52+A*24:124	A*02:185+A*24:02:01G			
A*02:01:52+A*25:02	A*02:35:02+A*25:11			
A*02:01:52+A*26:01:01G	A*02:55+A*26:07:01			
A*02:01:52+A*26:13	A*02:35:02+A*26:36			
A*02:01:52+A*30:01:01G	A*02:35:02+A*30:44	A*02:185+A*30:11:01		
A*02:01:52+A*30:02:01G	A*02:185+A*30:03			
A*02:01:52+A*30:17	A*02:35:02+A*30:46			
A*02:01:52+A*32:17	A*02:35:02+A*32:08			
A*02:01:52+A*66:01:01G	A*02:35:02+A*26:03:01			
A*02:01:52+A*66:12	A*02:35:02+A*26:30			
A*02:01:52+A*68:01:02G	A*02:35:02+A*68:05			
A*02:01:52+A*68:02:01G	A*02:35:02+A*68:15			
A*02:01:52+A*68:15	A*02:55+A*02:122			
A*02:01:52+A*74:13	A*02:35:02+A*74:06			
A*02:01:54+A*11:15:01	A*02:202+A*11:01:25			
A*02:01:54+A*11:23	A*02:182+A*11:01:25			
A*02:01:54+A*11:30	A*02:197+A*11:01:25			
A*02:01:54+A*11:32	A*02:121+A*11:01:25			
A*02:01:54+A*11:33:02	A*02:174+A*11:01:25			
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A*02:01:54+A*11:36	A*02:07:01G+A*11:01:25			
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A*02:01:54+A*11:41	A*02:273+A*11:01:25			
A*02:01:54+A*11:48	A*02:183+A*11:01:25			
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A*02:01:54+A*68:35	A*02:123+A*68:01:03			
A*02:01:54+A*68:42	A*02:26+A*68:01:03			
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A*02:02+A*02:72	A*02:05:01G+A*02:275			
A*02:02+A*02:79:01	A*02:05:01G+A*02:86			
A*02:02+A*02:99	A*02:05:01G+A*02:26			
A*02:02+A*02:106	A*02:05:01G+A*02:145			
A*02:02+A*02:108	A*02:05:01G+A*02:17:01G			
A*02:02+A*02:122	A*02:05:01G+A*02:50			
A*02:02+A*02:127	A*02:05:01G+A*02:167			
A*02:02+A*02:137	A*02:05:01G+A*02:24			
A*02:02+A*02:142	A*02:05:01G+A*02:12	A*02:22:01G+A*02:271		
A*02:02+A*02:144	A*02:05:01G+A*02:205			
A*02:02+A*02:169	A*02:05:01G+A*02:195			
A*02:02+A*02:178	A*02:05:01G+A*02:64			
A*02:02+A*03:12	A*02:05:01G+A*03:01:01G	A*02:05:03+A*03:01:03	A*02:14+A*03:50	A*02:229+A*03:103
A*02:02+A*03:88	A*02:172+A*03:63			
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A*02:02+A*25:01:01G	A*02:05:01G+A*25:03			
A*02:02+A*25:04	A*02:271+A*25:03			
A*02:02+A*30:01:01G	A*02:155+A*30:11:02			
A*02:02+A*31:01:02G	A*02:155+A*31:44			
A*02:02+A*34:02	A*02:05:01G+A*34:08			
A*02:02+A*34:04	A*02:155+A*34:02			
A*02:03:01G+A*02:07:01G	A*02:171:02+A*02:191			
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A*02:03:01G+A*02:14	A*02:05:01G+A*02:171:02			
A*02:03:01G+A*02:27	A*02:13+A*02:267			
A*02:03:01G+A*02:87	A*02:136+A*02:171:02			
A*02:03:01G+A*02:108	A*02:57+A*02:148			
A*02:03:01G+A*02:242	A*02:95+A*02:148			
A*02:03:01G+A*02:268	A*02:04+A*02:148			
A*02:03:01G+A*02:271	A*02:05:01G+A*02:280			
A*02:03:01G+A*03:01:01G	A*02:171:02+A*03:50			
A*02:03:01G+A*03:01:02	A*02:171:01+A*03:50	A*02:171:02+A*03:66		
A*02:03:01G+A*03:07	A*02:25+A*03:50			
A*02:03:01G+A*03:15	A*02:148+A*03:01:01G			
A*02:03:01G+A*03:65	A*02:280+A*03:50			
A*02:03:01G+A*11:01:01GN	A*02:267+A*11:20			
A*02:03:01G+A*11:24:01	A*02:171:02+A*11:44			
A*02:03:01G+A*11:24:02	A*02:267+A*11:25			
A*02:03:01G+A*11:44	A*02:267+A*11:08			
A*02:03:01G+A*23:01:01G	A*02:171:02+A*23:02			
A*02:03:01G+A*24:02:01G	A*02:148+A*24:53	A*02:280+A*24:06		
A*02:03:01G+A*24:13:01	A*02:171:02+A*24:06			
A*02:03:01G+A*24:13:02	A*02:171:01+A*24:06	A*02:171:02+A*24:87		
A*02:03:01G+A*24:46	A*02:38+A*24:06			
A*02:03:01G+A*24:59	A*02:267+A*24:56			
A*02:03:01G+A*24:120	A*02:148+A*24:57			
A*02:03:01G+A*25:04	A*02:38+A*25:06	A*02:280+A*25:01:01G		
A*02:03:01G+A*26:08	A*02:38+A*26:09	A*02:280+A*26:01:01G		
A*02:03:01G+A*26:18	A*02:22:01G+A*26:52			
A*02:03:01G+A*26:43:01	A*02:171:02+A*26:01:01G			
A*02:03:01G+A*26:43:02	A*02:171:01+A*26:01:01G			
A*02:03:01G+A*31:01:02G	A*02:171:02+A*31:30			
A*02:03:01G+A*31:01:05	A*02:171:01+A*31:30			
A*02:03:01G+A*32:06	A*02:25+A*32:10			
A*02:03:01G+A*66:06	A*02:25+A*66:01:01G			
A*02:03:01G+A*68:08:01	A*02:171:01+A*68:01:01G			
A*02:03:01G+A*68:08:02	A*02:171:02+A*68:01:02G			
A*02:03:01G+A*68:09	A*02:280+A*68:01:02G			
A*02:03:01G+A*68:63	A*02:171:02+A*68:42			
A*02:04+A*02:108	A*02:57+A*02:268			
A*02:04+A*02:242	A*02:95+A*02:268			
A*02:04+A*03:15	A*02:268+A*03:01:01G			
A*02:04+A*24:02:01G	A*02:268+A*24:53			
A*02:04+A*24:120	A*02:268+A*24:57			
A*02:05:01G+A*02:07:01G	A*02:14+A*02:191			

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A*02:05:01G+A*02:35:02	A*02:05:03+A*02:35:01			
A*02:05:01G+A*02:38	A*02:154+A*02:280			
A*02:05:01G+A*02:56:02	A*02:05:03+A*02:56:01			
A*02:05:01G+A*02:62	A*02:08+A*02:34			
A*02:05:01G+A*02:87	A*02:14+A*02:136			
A*02:05:01G+A*02:93	A*02:95+A*02:172			
A*02:05:01G+A*02:128	A*02:08+A*02:11:01G			
A*02:05:01G+A*02:246	A*02:80+A*02:229			
A*02:05:01G+A*02:279	A*02:114+A*02:172			
A*02:05:01G+A*03:01:02	A*02:14+A*03:66			
A*02:05:01G+A*03:56	A*02:172+A*03:01:01G			
A*02:05:01G+A*03:65	A*02:271+A*03:50			
A*02:05:01G+A*11:01:01GN	A*02:154+A*11:04			
A*02:05:01G+A*11:24:01	A*02:14+A*11:44			
A*02:05:01G+A*11:39	A*02:154+A*11:27			
A*02:05:01G+A*23:01:01G	A*02:14+A*23:02			
A*02:05:01G+A*23:10	A*02:154+A*23:01:01G			
A*02:05:01G+A*24:02:01G	A*02:271+A*24:06			
A*02:05:01G+A*24:10	A*02:154+A*24:03:01G			
A*02:05:01G+A*24:13:01	A*02:14+A*24:06			
A*02:05:01G+A*24:13:02	A*02:14+A*24:87			
A*02:05:01G+A*24:15	A*02:172+A*24:53			
A*02:05:01G+A*24:17	A*02:229+A*24:62			
A*02:05:01G+A*24:41	A*02:172+A*24:17			
A*02:05:01G+A*24:46	A*02:154+A*24:02:01G			
A*02:05:01G+A*24:145	A*02:08+A*24:02:01G			
A*02:05:01G+A*25:01:01G	A*02:154+A*25:06	A*02:172+A*25:10		
A*02:05:01G+A*25:04	A*02:271+A*25:01:01G			
A*02:05:01G+A*26:01:01G	A*02:154+A*26:09			
A*02:05:01G+A*26:07:01	A*02:05:03+A*26:07:02			
A*02:05:01G+A*26:08	A*02:08+A*26:48	A*02:271+A*26:01:01G		
A*02:05:01G+A*26:43:01	A*02:14+A*26:01:01G			
A*02:05:01G+A*31:01:02G	A*02:08+A*31:02	A*02:14+A*31:30		
A*02:05:01G+A*31:06	A*02:229+A*31:01:02G			
A*02:05:01G+A*31:10	A*02:08+A*31:07			
A*02:05:01G+A*32:30	A*02:229+A*32:01:01G			
A*02:05:01G+A*33:01:01	A*02:05:03+A*33:01:02			
A*02:05:01G+A*33:09	A*02:08+A*33:08			
A*02:05:01G+A*33:18	A*02:229+A*33:03:01G			
A*02:05:01G+A*36:04	A*02:154+A*36:01			
A*02:05:01G+A*68:08:02	A*02:14+A*68:01:02G			
A*02:05:01G+A*68:09	A*02:271+A*68:01:02G			
A*02:05:01G+A*68:61	A*02:154+A*68:54			
A*02:05:01G+A*68:63	A*02:14+A*68:42			
A*02:06:01G+A*02:11:02	A*02:06:07+A*02:11:01G			
A*02:06:01G+A*02:13	A*02:12+A*02:99	A*02:26+A*02:142		
A*02:06:01G+A*02:35:03	A*02:06:07+A*02:35:01			
A*02:06:01G+A*02:39	A*02:79:02+A*02:242			
A*02:06:01G+A*02:49	A*02:06:04+A*02:22:01G			
A*02:06:01G+A*02:56:02	A*02:34+A*02:169			
A*02:06:01G+A*02:110	A*02:57+A*02:242	A*02:95+A*02:108		
A*02:06:01G+A*02:130	A*02:07:01G+A*02:51			
A*02:06:01G+A*02:149	A*02:79:01+A*02:190			
A*02:06:01G+A*02:171:01	A*02:06:04+A*02:171:02			
A*02:06:01G+A*02:171:02	A*02:25+A*02:99			
A*02:06:01G+A*02:188	A*02:151+A*02:178			
A*02:06:01G+A*02:271	A*02:14+A*02:142			
A*02:06:01G+A*02:280	A*02:142+A*02:171:02			
A*02:06:01G+A*03:01:16	A*02:06:03+A*03:01:01G			
A*02:06:01G+A*03:02	A*02:142+A*03:07			
A*02:06:01G+A*03:04	A*02:74:02+A*03:12			
A*02:06:01G+A*03:22	A*02:174+A*03:12			
A*02:06:01G+A*03:24	A*03:89+A*69:01			
A*02:06:01G+A*03:44	A*02:164+A*03:12			
A*02:06:01G+A*03:50	A*02:22:01G+A*03:12			
A*02:06:01G+A*03:54	A*02:106+A*03:01:01G	A*02:145+A*03:12		
A*02:06:01G+A*03:65	A*02:06:04+A*03:69N	A*02:12+A*03:12	A*02:99+A*03:02	A*02:142+A*03:01:01G
A*02:06:01G+A*03:66	A*02:06:04+A*03:50	A*02:49+A*03:12		
A*02:06:01G+A*03:69N	A*02:226N+A*03:12			
A*02:06:01G+A*03:72	A*02:76+A*03:12			
A*02:06:01G+A*03:75	A*02:57+A*03:95			
A*02:06:01G+A*03:79	A*02:85+A*03:12			
A*02:06:01G+A*03:87	A*02:197+A*03:12			
A*02:06:01G+A*03:93	A*02:119+A*03:12			
A*02:06:01G+A*03:94	A*02:91+A*03:01:01G			
A*02:06:01G+A*03:97	A*02:36+A*03:12			
A*02:06:01G+A*11:01:01GN	A*02:79:01+A*11:73	A*02:142+A*11:24:02		
A*02:06:01G+A*11:01:02	A*02:06:06+A*11:01:01GN			
A*02:06:01G+A*11:01:07	A*02:79:02+A*11:73			
A*02:06:01G+A*11:01:17	A*02:06:03+A*11:01:01GN			
A*02:06:01G+A*11:02:01G	A*02:79:01+A*11:16			
A*02:06:01G+A*11:03	A*02:51+A*11:20	A*02:99+A*11:60		
A*02:06:01G+A*11:20	A*02:142+A*11:25			
A*02:06:01G+A*11:24:01	A*02:06:04+A*11:24:02			
A*02:06:01G+A*11:25	A*02:99+A*11:31			
A*02:06:01G+A*11:39	A*02:54+A*11:24:02			
A*02:06:01G+A*11:43	A*02:243+A*11:01:01GN			
A*02:06:01G+A*11:72	A*02:170+A*11:01:01GN			
A*02:06:01G+A*23:03:02	A*02:137+A*23:01:01G			
A*02:06:01G+A*23:14	A*02:51+A*24:13:02			
A*02:06:01G+A*23:21	A*02:28+A*23:01:01G			
A*02:06:01G+A*23:24	A*02:106+A*23:01:01G			
A*02:06:01G+A*24:02:01G	A*02:06:07+A*24:02:06	A*02:76+A*24:50	A*02:142+A*24:13:01	
A*02:06:01G+A*24:02:12	A*02:06:02+A*24:02:01G			
A*02:06:01G+A*24:02:14	A*02:06:03+A*24:02:01G			
A*02:06:01G+A*24:07	A*02:79:01+A*24:131			
A*02:06:01G+A*24:13:02	A*02:06:04+A*24:13:01			
A*02:06:01G+A*24:21:01	A*02:137+A*24:02:01G			
A*02:06:01G+A*24:47	A*02:144+A*24:02:01G			
A*02:06:01G+A*24:56	A*02:99+A*24:02:01G			
A*02:06:01G+A*24:69	A*02:278+A*24:02:01G			
A*02:06:01G+A*24:71	A*02:51+A*24:02:01G			
A*02:06:01G+A*24:72	A*02:106+A*24:02:01G			
A*02:06:01G+A*24:82	A*02:243+A*24:50			
A*02:06:01G+A*24:87	A*02:06:04+A*24:06			

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A*02:06:01G+A*24:121	A*02:178+A*24:02:01G	
A*02:06:01G+A*26:01:01G	A*02:99+A*26:12	A*02:137+A*26:10
A*02:06:01G+A*26:01:12	A*02:06:03+A*26:01:01G	
A*02:06:01G+A*26:08	A*02:142+A*26:43:01	
A*02:06:01G+A*26:16	A*02:76+A*26:01:01G	
A*02:06:01G+A*26:28	A*02:51+A*26:14	A*02:99+A*26:18
A*02:06:01G+A*26:43:02	A*02:06:04+A*26:43:01	
A*02:06:01G+A*26:52	A*02:51+A*26:01:01G	
A*02:06:01G+A*29:07	A*02:108+A*29:22	
A*02:06:01G+A*30:01:01G	A*02:28+A*30:11:02	
A*02:06:01G+A*30:02:05	A*02:06:04+A*30:02:01G	
A*02:06:01G+A*30:04:02	A*02:06:07+A*30:04:01	
A*02:06:01G+A*30:37	A*02:259+A*30:01:01G	
A*02:06:01G+A*31:01:02G	A*02:28+A*31:44	A*02:51+A*31:41
A*02:06:01G+A*31:01:03	A*02:06:06+A*31:01:02G	
A*02:06:01G+A*31:01:05	A*02:06:04+A*31:01:02G	
A*02:06:01G+A*31:01:06	A*02:06:02+A*31:01:02G	
A*02:06:01G+A*31:31	A*02:72+A*31:01:02G	
A*02:06:01G+A*32:01:01G	A*02:51+A*32:06	
A*02:06:01G+A*32:01:06	A*02:06:04+A*32:01:01G	
A*02:06:01G+A*32:02	A*02:142+A*32:06	
A*02:06:01G+A*32:22	A*02:51+A*32:02	A*02:142+A*32:01:01G
A*02:06:01G+A*33:01:05	A*02:137+A*33:32	
A*02:06:01G+A*33:03:05	A*02:06:04+A*33:03:01G	
A*02:06:01G+A*34:04	A*02:28+A*34:02	
A*02:06:01G+A*34:05	A*02:91+A*34:01:01	
A*02:06:01G+A*68:03:01	A*02:06:09+A*68:03:02	
A*02:06:01G+A*68:09	A*02:142+A*68:08:02	
A*02:06:01G+A*68:12	A*02:79:01+A*68:01:02G	
A*02:06:01G+A*68:28	A*02:06:04+A*68:02:01G	
A*02:06:01G+A*68:29	A*02:243+A*68:01:01G	
A*02:06:01G+A*68:42	A*02:99+A*68:01:01G	
A*02:06:01G+A*68:45	A*02:76+A*68:01:01G	
A*02:06:01G+A*68:51	A*02:51+A*68:02:01G	
A*02:06:01G+A*68:54	A*02:99+A*68:02:01G	
A*02:06:01G+A*74:01:01G	A*02:169+A*74:04	
A*02:06:02+A*24:02:14	A*02:06:03+A*24:02:12	
A*02:06:02+A*24:21:01	A*02:137+A*24:02:12	
A*02:06:02+A*24:47	A*02:144+A*24:02:12	
A*02:06:02+A*24:56	A*02:99+A*24:02:12	
A*02:06:02+A*24:69	A*02:278+A*24:02:12	
A*02:06:02+A*24:71	A*02:51+A*24:02:12	
A*02:06:02+A*24:72	A*02:106+A*24:02:12	
A*02:06:02+A*24:121	A*02:178+A*24:02:12	
A*02:06:02+A*31:01:03	A*02:06:06+A*31:01:06	
A*02:06:02+A*31:01:05	A*02:06:04+A*31:01:06	
A*02:06:02+A*31:31	A*02:72+A*31:01:06	
A*02:06:03+A*03:01:02	A*02:06:04+A*03:01:16	
A*02:06:03+A*03:54	A*02:106+A*03:01:16	
A*02:06:03+A*03:65	A*02:142+A*03:01:16	
A*02:06:03+A*03:94	A*02:91+A*03:01:16	
A*02:06:03+A*11:01:02	A*02:06:06+A*11:01:17	
A*02:06:03+A*11:43	A*02:243+A*11:01:17	
A*02:06:03+A*11:72	A*02:170+A*11:01:17	
A*02:06:03+A*24:21:01	A*02:137+A*24:02:14	
A*02:06:03+A*24:47	A*02:144+A*24:02:14	
A*02:06:03+A*24:56	A*02:99+A*24:02:14	
A*02:06:03+A*24:69	A*02:278+A*24:02:14	
A*02:06:03+A*24:71	A*02:51+A*24:02:14	
A*02:06:03+A*24:72	A*02:106+A*24:02:14	
A*02:06:03+A*24:121	A*02:178+A*24:02:14	
A*02:06:03+A*26:16	A*02:76+A*26:01:12	
A*02:06:03+A*26:52	A*02:51+A*26:01:12	
A*02:06:04+A*02:280	A*02:142+A*02:171:01	
A*02:06:04+A*03:54	A*02:106+A*03:01:02	
A*02:06:04+A*03:65	A*02:142+A*03:01:02	
A*02:06:04+A*03:94	A*02:91+A*03:01:02	
A*02:06:04+A*11:01:01GN	A*02:142+A*11:24:01	
A*02:06:04+A*11:39	A*02:54+A*11:24:01	
A*02:06:04+A*24:02:01G	A*02:142+A*24:13:02	
A*02:06:04+A*24:71	A*02:142+A*23:14	
A*02:06:04+A*26:08	A*02:142+A*26:43:02	
A*02:06:04+A*31:01:03	A*02:06:06+A*31:01:05	
A*02:06:04+A*31:31	A*02:72+A*31:01:05	
A*02:06:04+A*32:22	A*02:142+A*32:01:06	
A*02:06:04+A*68:26	A*02:54+A*68:08:01	
A*02:06:04+A*68:51	A*02:51+A*68:28	
A*02:06:04+A*68:54	A*02:99+A*68:28	
A*02:06:04+A*68:63	A*02:99+A*68:08:01	
A*02:06:05+A*68:01:01G	A*02:06:09+A*68:01:02G	
A*02:06:05+A*68:03:03	A*02:06:09+A*68:03:01	
A*02:06:06+A*11:43	A*02:243+A*11:01:02	
A*02:06:06+A*11:72	A*02:170+A*11:01:02	
A*02:06:06+A*31:31	A*02:72+A*31:01:03	
A*02:07:01G+A*02:37	A*02:12+A*02:255	
A*02:07:01G+A*02:54	A*02:142+A*02:255	
A*02:07:01G+A*02:110	A*02:17:01G+A*02:282	
A*02:07:01G+A*02:114	A*02:246+A*02:282	
A*02:07:01G+A*02:136	A*02:22:01G+A*02:112	A*02:87+A*02:191
A*02:07:01G+A*03:50	A*02:191+A*03:01:01G	
A*02:07:01G+A*03:66	A*02:191+A*03:01:02	
A*02:07:01G+A*03:97	A*02:255+A*03:01:01G	
A*02:07:01G+A*11:03	A*02:130+A*11:20	
A*02:07:01G+A*11:15:01	A*02:202+A*11:36	
A*02:07:01G+A*11:23	A*02:182+A*11:36	
A*02:07:01G+A*11:27	A*02:255+A*11:04	
A*02:07:01G+A*11:30	A*02:197+A*11:36	
A*02:07:01G+A*11:32	A*02:121+A*11:36	
A*02:07:01G+A*11:33:02	A*02:174+A*11:36	
A*02:07:01G+A*11:34	A*02:153+A*11:36	
A*02:07:01G+A*11:38	A*02:255+A*11:02:01G	
A*02:07:01G+A*11:39	A*02:36+A*11:36	A*02:255+A*11:01:01GN
A*02:07:01G+A*11:41	A*02:273+A*11:36	
A*02:07:01G+A*11:44	A*02:191+A*11:24:01	
A*02:07:01G+A*11:48	A*02:183+A*11:36	

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A*02:07:01G+A*11:79	A*02:109+A*11:36		
A*02:07:01G+A*23:01:01G	A*02:255+A*23:04		
A*02:07:01G+A*23:02	A*02:191+A*23:01:01G		
A*02:07:01G+A*23:14	A*02:130+A*24:13:02		
A*02:07:01G+A*24:02:01G	A*02:112+A*24:28	A*02:255+A*24:03:01G	
A*02:07:01G+A*24:02:18	A*02:255+A*24:03:02		
A*02:07:01G+A*24:06	A*02:191+A*24:13:01		
A*02:07:01G+A*24:27	A*02:219+A*24:02:01G		
A*02:07:01G+A*24:46	A*02:255+A*24:10		
A*02:07:01G+A*24:71	A*02:130+A*24:02:01G		
A*02:07:01G+A*24:87	A*02:191+A*24:13:02		
A*02:07:01G+A*26:01:01G	A*02:191+A*26:43:01		
A*02:07:01G+A*26:28	A*02:130+A*26:14		
A*02:07:01G+A*26:29	A*02:255+A*26:15		
A*02:07:01G+A*26:49	A*02:255+A*26:01:01G		
A*02:07:01G+A*26:52	A*02:130+A*26:01:01G		
A*02:07:01G+A*29:03	A*02:255+A*29:02:01G		
A*02:07:01G+A*31:01:02G	A*02:130+A*31:41		
A*02:07:01G+A*31:05	A*02:255+A*31:01:02G		
A*02:07:01G+A*31:30	A*02:191+A*31:01:02G		
A*02:07:01G+A*32:01:01G	A*02:130+A*32:06		
A*02:07:01G+A*32:03	A*02:112+A*74:06		
A*02:07:01G+A*32:13	A*02:255+A*32:01:01G		
A*02:07:01G+A*32:22	A*02:130+A*32:02		
A*02:07:01G+A*33:10	A*02:255+A*33:03:01G		
A*02:07:01G+A*66:10	A*02:255+A*66:01:01G		
A*02:07:01G+A*68:01:02G	A*02:191+A*68:08:02		
A*02:07:01G+A*68:42	A*02:191+A*68:63		
A*02:07:01G+A*68:51	A*02:130+A*68:02:01G		
A*02:07:01G+A*68:62	A*02:219+A*68:02:01G		
A*02:07:01G+A*68:65	A*02:255+A*68:01:02G		
A*02:07:01G+A*74:13	A*02:103+A*74:04		
A*02:08+A*02:101	A*02:20:01+A*02:154		
A*02:08+A*24:46	A*02:154+A*24:145		
A*02:10+A*02:12	A*02:142+A*02:242		
A*02:10+A*02:17:01G	A*02:108+A*02:242		
A*02:10+A*02:24	A*02:137+A*02:242		
A*02:10+A*02:26	A*02:99+A*02:242		
A*02:10+A*02:37	A*02:54+A*02:242		
A*02:10+A*02:40	A*02:51+A*02:242		
A*02:10+A*02:50	A*02:122+A*02:242		
A*02:10+A*02:64	A*02:178+A*02:242		
A*02:10+A*02:86	A*02:79:01+A*02:242		
A*02:10+A*02:145	A*02:106+A*02:242		
A*02:10+A*02:167	A*02:127+A*02:242		
A*02:10+A*02:195	A*02:169+A*02:242		
A*02:10+A*02:205	A*02:144+A*02:242		
A*02:10+A*02:275	A*02:72+A*02:242		
A*02:10+A*03:01:01G	A*02:242+A*03:12		
A*02:10+A*11:79	A*02:244+A*11:01:01GN		
A*02:10+A*24:104	A*02:242+A*24:50		
A*02:10+A*25:03	A*02:242+A*25:01:01G		
A*02:10+A*34:08	A*02:242+A*34:02		
A*02:11:01G+A*02:35:03	A*02:11:02+A*02:35:01		
A*02:11:01G+A*02:62	A*02:34+A*02:128		
A*02:11:01G+A*03:02	A*02:35:01+A*03:32		
A*02:11:01G+A*24:02:01G	A*02:11:02+A*24:02:06	A*02:90+A*24:34	
A*02:11:01G+A*24:07	A*02:35:01+A*24:34		
A*02:11:01G+A*24:145	A*02:128+A*24:02:01G		
A*02:11:01G+A*25:01:01G	A*02:81:01G+A*66:15		
A*02:11:01G+A*26:01:01G	A*02:146+A*66:15		
A*02:11:01G+A*26:05	A*02:247+A*66:15		
A*02:11:01G+A*26:08	A*02:128+A*26:48		
A*02:11:01G+A*30:04:02	A*02:11:02+A*30:04:01		
A*02:11:01G+A*31:01:02G	A*02:128+A*31:02		
A*02:11:01G+A*31:07	A*02:87+A*31:02		
A*02:11:01G+A*31:10	A*02:87+A*31:01:02G	A*02:128+A*31:07	
A*02:11:01G+A*32:01:01G	A*02:81:01G+A*74:07		
A*02:11:01G+A*32:03	A*02:87+A*74:07		
A*02:11:01G+A*33:09	A*02:128+A*33:08		
A*02:11:01G+A*33:11	A*02:90+A*33:03:01G		
A*02:11:01G+A*66:01:01G	A*02:35:01+A*66:15		
A*02:11:01G+A*66:05	A*02:90+A*66:15		
A*02:11:01G+A*68:01:01G	A*02:35:01+A*68:04		
A*02:11:01G+A*68:03:03	A*02:90+A*68:04		
A*02:11:01G+A*74:01:01G	A*02:90+A*74:07		
A*02:11:01G+A*74:13	A*02:35:01+A*74:07		
A*02:11:02+A*03:02	A*02:35:03+A*03:32		
A*02:11:02+A*24:07	A*02:35:03+A*24:34		
A*02:11:02+A*66:01:01G	A*02:35:03+A*66:15		
A*02:11:02+A*68:01:01G	A*02:35:03+A*68:04		
A*02:11:02+A*74:13	A*02:35:03+A*74:07		
A*02:12+A*02:22:01G	A*02:49+A*02:226N		
A*02:12+A*02:51	A*02:40+A*02:142		
A*02:12+A*02:54	A*02:37+A*02:142		
A*02:12+A*02:72	A*02:142+A*02:275		
A*02:12+A*02:79:01	A*02:86+A*02:142		
A*02:12+A*02:106	A*02:142+A*02:145		
A*02:12+A*02:108	A*02:17:01G+A*02:142		
A*02:12+A*02:122	A*02:50+A*02:142		
A*02:12+A*02:127	A*02:142+A*02:167		
A*02:12+A*02:137	A*02:24+A*02:142		
A*02:12+A*02:144	A*02:142+A*02:205		
A*02:12+A*02:169	A*02:142+A*02:195		
A*02:12+A*02:178	A*02:64+A*02:142		
A*02:12+A*03:04	A*02:74:02+A*03:65		
A*02:12+A*03:05	A*02:26+A*03:10		
A*02:12+A*03:22	A*02:174+A*03:65		
A*02:12+A*03:43	A*02:26+A*03:82		
A*02:12+A*03:44	A*02:164+A*03:65		
A*02:12+A*03:47	A*02:26+A*03:76		
A*02:12+A*03:50	A*02:22:01G+A*03:65	A*02:49+A*03:69N	A*02:226N+A*03:66
A*02:12+A*03:54	A*02:145+A*03:65		
A*02:12+A*03:65	A*02:13+A*03:02		
A*02:12+A*03:66	A*02:49+A*03:65		

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A*02:12+A*03:69N	A*02:226N+A*03:65			
A*02:12+A*03:72	A*02:76+A*03:65			
A*02:12+A*03:79	A*02:85+A*03:65			
A*02:12+A*03:87	A*02:197+A*03:65			
A*02:12+A*03:93	A*02:119+A*03:65			
A*02:12+A*03:97	A*02:36+A*03:65	A*02:37+A*03:01:01G		
A*02:12+A*11:03	A*02:13+A*11:60			
A*02:12+A*11:08	A*02:49+A*11:20			
A*02:12+A*11:27	A*02:37+A*11:04			
A*02:12+A*11:38	A*02:37+A*11:02:01G			
A*02:12+A*11:39	A*02:37+A*11:01:01GN			
A*02:12+A*11:44	A*02:49+A*11:01:01GN			
A*02:12+A*23:01:01G	A*02:37+A*23:04	A*02:40+A*24:05	A*02:174+A*24:71	
A*02:12+A*24:02:01G	A*02:37+A*24:03:01G			
A*02:12+A*24:02:18	A*02:37+A*24:03:02			
A*02:12+A*24:06	A*02:19+A*24:138	A*02:22:01G+A*24:02:01G	A*02:136+A*24:28	A*02:226N+A*24:87
A*02:12+A*24:46	A*02:37+A*24:10			
A*02:12+A*24:50	A*02:142+A*24:104			
A*02:12+A*24:56	A*02:13+A*24:02:01G			
A*02:12+A*24:59	A*02:27+A*24:02:01G			
A*02:12+A*24:87	A*02:49+A*24:02:01G			
A*02:12+A*25:01:01G	A*02:22:01G+A*25:04	A*02:142+A*25:03		
A*02:12+A*26:01:01G	A*02:13+A*26:12	A*02:22:01G+A*26:08		
A*02:12+A*26:28	A*02:13+A*26:18			
A*02:12+A*26:29	A*02:37+A*26:15			
A*02:12+A*26:49	A*02:37+A*26:01:01G			
A*02:12+A*26:52	A*02:280+A*26:18			
A*02:12+A*29:03	A*02:37+A*29:02:01G			
A*02:12+A*30:02:01G	A*02:226N+A*30:02:05			
A*02:12+A*31:01:02G	A*02:226N+A*31:01:05			
A*02:12+A*31:05	A*02:37+A*31:01:02G			
A*02:12+A*31:43	A*02:27+A*31:01:02G			
A*02:12+A*32:07	A*02:76+A*32:22			
A*02:12+A*32:09	A*02:233+A*32:22			
A*02:12+A*32:12	A*02:121+A*32:22			
A*02:12+A*32:13	A*02:36+A*32:22	A*02:37+A*32:01:01G		
A*02:12+A*32:17	A*02:34+A*32:22			
A*02:12+A*32:21	A*02:165+A*32:22			
A*02:12+A*33:03:01G	A*02:226N+A*33:03:05			
A*02:12+A*33:10	A*02:37+A*33:03:01G			
A*02:12+A*34:02	A*02:142+A*34:08			
A*02:12+A*66:10	A*02:37+A*66:01:01G			
A*02:12+A*68:01:02G	A*02:22:01G+A*68:09			
A*02:12+A*68:02:01G	A*02:226N+A*68:28			
A*02:12+A*68:42	A*02:13+A*68:01:01G			
A*02:12+A*68:54	A*02:13+A*68:02:01G			
A*02:12+A*68:65	A*02:37+A*68:01:02G			
A*02:13+A*02:14	A*02:26+A*02:271			
A*02:13+A*02:36	A*02:26+A*02:37			
A*02:13+A*02:171:02	A*02:26+A*02:280			
A*02:13+A*03:01:01G	A*02:26+A*03:65			
A*02:13+A*03:12	A*02:99+A*03:65			
A*02:13+A*11:01:01GN	A*02:27+A*11:20			
A*02:13+A*11:24:02	A*02:26+A*11:01:01GN	A*02:27+A*11:25		
A*02:13+A*11:25	A*02:26+A*11:20			
A*02:13+A*11:44	A*02:27+A*11:08			
A*02:13+A*24:06	A*02:22:01G+A*24:56			
A*02:13+A*24:59	A*02:27+A*24:56			
A*02:13+A*24:87	A*02:49+A*24:56			
A*02:13+A*24:99	A*02:280+A*24:02:01G			
A*02:13+A*25:01:01G	A*02:280+A*25:09			
A*02:13+A*26:01:01G	A*02:280+A*26:14			
A*02:13+A*26:43:01	A*02:26+A*26:08			
A*02:13+A*26:52	A*02:280+A*26:28			
A*02:13+A*29:02:01G	A*02:40+A*29:05			
A*02:13+A*32:01:01G	A*02:26+A*32:22			
A*02:13+A*32:06	A*02:26+A*32:02			
A*02:13+A*34:02	A*02:280+A*34:03			
A*02:13+A*68:08:02	A*02:26+A*68:09			
A*02:14+A*02:37	A*02:36+A*02:271			
A*02:14+A*02:280	A*02:171:02+A*02:271			
A*02:14+A*03:02	A*02:271+A*03:07			
A*02:14+A*03:65	A*02:271+A*03:01:01G			
A*02:14+A*11:01:01GN	A*02:271+A*11:24:02			
A*02:14+A*11:20	A*02:271+A*11:25			
A*02:14+A*24:02:01G	A*02:271+A*24:13:01			
A*02:14+A*26:08	A*02:271+A*26:43:01			
A*02:14+A*32:02	A*02:271+A*32:06			
A*02:14+A*32:22	A*02:271+A*32:01:01G			
A*02:14+A*68:09	A*02:271+A*68:08:02			
A*02:16:01G+A*24:05	A*02:174+A*24:55			
A*02:16:01G+A*24:07	A*02:34+A*24:55			
A*02:16:01G+A*24:17	A*02:246+A*24:55			
A*02:16:01G+A*24:21:01	A*02:24+A*24:55			
A*02:16:01G+A*24:46	A*02:101+A*24:55			
A*02:16:01G+A*24:47	A*02:205+A*24:55			
A*02:16:01G+A*24:56	A*02:26+A*24:55			
A*02:16:01G+A*24:58	A*02:107+A*24:55			
A*02:16:01G+A*24:62	A*02:80+A*24:55			
A*02:16:01G+A*24:71	A*02:40+A*24:55			
A*02:16:01G+A*24:72	A*02:145+A*24:55			
A*02:16:01G+A*24:73	A*02:147+A*24:55			
A*02:16:01G+A*24:90N	A*02:88N+A*24:55			
A*02:16:01G+A*24:91	A*02:68+A*24:55			
A*02:16:01G+A*24:96	A*02:254+A*24:55			
A*02:16:01G+A*24:99	A*02:25+A*24:55			
A*02:16:01G+A*24:119	A*02:158+A*24:55			
A*02:16:01G+A*24:121	A*02:64+A*24:55			
A*02:16:01G+A*24:133	A*02:182+A*24:55			
A*02:16:01G+A*24:145	A*02:20:01+A*24:55			
A*02:16:01G+A*66:12	A*02:101+A*66:02			
A*02:17:01G+A*02:51	A*02:40+A*02:108			
A*02:17:01G+A*02:54	A*02:37+A*02:108			
A*02:17:01G+A*02:72	A*02:108+A*02:275			
A*02:17:01G+A*02:79:01	A*02:86+A*02:108			

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A*02:17:01G+A*02:99	A*02:26+A*02:108	
A*02:17:01G+A*02:106	A*02:108+A*02:145	
A*02:17:01G+A*02:114	A*02:110+A*02:246	
A*02:17:01G+A*02:122	A*02:50+A*02:108	
A*02:17:01G+A*02:127	A*02:108+A*02:167	
A*02:17:01G+A*02:137	A*02:24+A*02:108	
A*02:17:01G+A*02:144	A*02:108+A*02:205	
A*02:17:01G+A*02:169	A*02:108+A*02:195	
A*02:17:01G+A*02:178	A*02:64+A*02:108	
A*02:17:01G+A*03:12	A*02:57+A*03:15	A*02:108+A*03:01:01G
A*02:17:01G+A*24:50	A*02:108+A*24:104	
A*02:17:01G+A*24:93	A*02:268+A*24:02:01G	
A*02:17:01G+A*25:01:01G	A*02:108+A*25:03	
A*02:17:01G+A*34:02	A*02:108+A*34:08	
A*02:19+A*68:01:01G	A*02:37+A*68:50	
A*02:20:01+A*02:35:01	A*02:62+A*02:90	
A*02:20:01+A*02:56:02	A*02:62+A*02:195	
A*02:20:01+A*03:01:01G	A*02:62+A*03:08	
A*02:20:01+A*03:09	A*02:62+A*03:108	
A*02:20:01+A*11:01:01GN	A*02:62+A*11:19	
A*02:20:01+A*23:13	A*02:62+A*23:01:01G	
A*02:20:01+A*24:05	A*02:174+A*24:145	
A*02:20:01+A*24:07	A*02:34+A*24:145	A*02:62+A*24:02:01G
A*02:20:01+A*24:17	A*02:246+A*24:145	
A*02:20:01+A*24:19	A*02:62+A*24:44	
A*02:20:01+A*24:21:01	A*02:24+A*24:145	
A*02:20:01+A*24:34	A*02:128+A*24:30	
A*02:20:01+A*24:46	A*02:101+A*24:145	
A*02:20:01+A*24:47	A*02:205+A*24:145	
A*02:20:01+A*24:56	A*02:26+A*24:145	
A*02:20:01+A*24:58	A*02:107+A*24:145	
A*02:20:01+A*24:62	A*02:80+A*24:145	
A*02:20:01+A*24:71	A*02:40+A*24:145	
A*02:20:01+A*24:72	A*02:145+A*24:145	
A*02:20:01+A*24:73	A*02:147+A*24:145	
A*02:20:01+A*24:90N	A*02:88N+A*24:145	
A*02:20:01+A*24:91	A*02:68+A*24:145	
A*02:20:01+A*24:96	A*02:254+A*24:145	
A*02:20:01+A*24:99	A*02:25+A*24:145	
A*02:20:01+A*24:119	A*02:158+A*24:145	
A*02:20:01+A*24:121	A*02:64+A*24:145	
A*02:20:01+A*24:133	A*02:182+A*24:145	
A*02:20:01+A*25:02	A*02:62+A*25:01:01G	
A*02:20:01+A*26:13	A*02:62+A*26:01:01G	
A*02:20:01+A*29:01:01G	A*02:62+A*29:20	
A*02:20:01+A*30:16	A*02:62+A*30:44	
A*02:20:01+A*30:25	A*02:62+A*30:02:01G	
A*02:20:01+A*32:05	A*02:70+A*32:01:01G	
A*02:20:01+A*32:17	A*02:62+A*32:01:01G	
A*02:20:01+A*33:03:01G	A*02:55+A*33:09	A*02:128+A*33:24
A*02:20:01+A*66:01:01G	A*02:62+A*66:05	
A*02:20:01+A*66:02	A*02:62+A*66:03	
A*02:20:01+A*66:15	A*02:128+A*26:03:01	
A*02:20:01+A*68:01:01G	A*02:62+A*68:03:03	
A*02:20:01+A*68:01:02G	A*02:55+A*68:30	A*02:62+A*68:03:01
A*02:20:01+A*68:02:01G	A*02:62+A*68:31	
A*02:20:01+A*68:66	A*02:195+A*68:30	
A*02:20:01+A*74:07	A*02:128+A*74:06	
A*02:20:01+A*74:13	A*02:62+A*74:01:01G	
A*02:22:01G+A*02:103	A*02:56:02+A*02:191	
A*02:22:01G+A*02:130	A*02:40+A*02:191	
A*02:22:01G+A*02:255	A*02:36+A*02:191	
A*02:22:01G+A*02:282	A*02:95+A*02:191	
A*02:22:01G+A*03:04	A*02:74:02+A*03:50	
A*02:22:01G+A*03:22	A*02:174+A*03:50	
A*02:22:01G+A*03:44	A*02:164+A*03:50	
A*02:22:01G+A*03:54	A*02:145+A*03:50	
A*02:22:01G+A*03:66	A*02:49+A*03:50	
A*02:22:01G+A*03:69N	A*02:226N+A*03:50	
A*02:22:01G+A*03:72	A*02:76+A*03:50	
A*02:22:01G+A*03:79	A*02:85+A*03:50	
A*02:22:01G+A*03:87	A*02:197+A*03:50	
A*02:22:01G+A*03:93	A*02:119+A*03:50	
A*02:22:01G+A*03:97	A*02:36+A*03:50	
A*02:22:01G+A*11:01:01GN	A*02:226N+A*11:44	
A*02:22:01G+A*11:20	A*02:226N+A*11:08	
A*02:22:01G+A*11:36	A*02:191+A*11:01:01GN	
A*02:22:01G+A*23:03:02	A*02:24+A*23:02	
A*02:22:01G+A*23:06	A*02:257+A*23:02	
A*02:22:01G+A*23:08N	A*02:82N+A*23:02	
A*02:22:01G+A*23:10	A*02:101+A*23:02	
A*02:22:01G+A*23:13	A*02:34+A*23:02	
A*02:22:01G+A*23:14	A*02:40+A*24:87	
A*02:22:01G+A*23:24	A*02:145+A*23:02	
A*02:22:01G+A*23:25	A*02:74:02+A*23:02	
A*02:22:01G+A*24:59	A*02:27+A*24:06	
A*02:22:01G+A*24:87	A*02:49+A*24:06	
A*02:22:01G+A*30:02:05	A*02:49+A*30:02:01G	
A*02:22:01G+A*30:09	A*02:40+A*30:04:01	
A*02:22:01G+A*31:05	A*02:36+A*31:30	
A*02:22:01G+A*31:11	A*02:202+A*31:30	
A*02:22:01G+A*31:13	A*02:251+A*31:30	
A*02:22:01G+A*31:16	A*02:107+A*31:30	
A*02:22:01G+A*31:28	A*02:139+A*31:30	
A*02:22:01G+A*31:31	A*02:275+A*31:30	
A*02:22:01G+A*31:36	A*02:257+A*31:30	
A*02:22:01G+A*31:40	A*02:133+A*31:30	
A*02:22:01G+A*31:45	A*02:165+A*31:30	
A*02:22:01G+A*32:01:06	A*02:49+A*32:01:01G	
A*02:22:01G+A*32:03	A*02:136+A*74:06	
A*02:22:01G+A*33:03:05	A*02:49+A*33:03:01G	
A*02:22:01G+A*68:26	A*02:37+A*68:01:01G	
A*02:22:01G+A*68:28	A*02:49+A*68:02:01G	
A*02:24+A*02:51	A*02:40+A*02:137	
A*02:24+A*02:54	A*02:37+A*02:137	

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A*02:24+A*02:72	A*02:137+A*02:275		
A*02:24+A*02:79:01	A*02:86+A*02:137		
A*02:24+A*02:99	A*02:26+A*02:137		
A*02:24+A*02:106	A*02:137+A*02:145		
A*02:24+A*02:122	A*02:50+A*02:137		
A*02:24+A*02:127	A*02:137+A*02:167		
A*02:24+A*02:144	A*02:137+A*02:205		
A*02:24+A*02:169	A*02:137+A*02:195		
A*02:24+A*02:178	A*02:64+A*02:137		
A*02:24+A*03:12	A*02:137+A*03:01:01G		
A*02:24+A*23:06	A*02:257+A*23:03:02		
A*02:24+A*23:08N	A*02:82N+A*23:03:02		
A*02:24+A*23:10	A*02:101+A*23:03:02		
A*02:24+A*23:13	A*02:34+A*23:03:02		
A*02:24+A*23:24	A*02:145+A*23:03:02		
A*02:24+A*23:25	A*02:74:02+A*23:03:02		
A*02:24+A*24:05	A*02:174+A*24:21:01		
A*02:24+A*24:07	A*02:34+A*24:21:01		
A*02:24+A*24:17	A*02:246+A*24:21:01		
A*02:24+A*24:46	A*02:101+A*24:21:01		
A*02:24+A*24:47	A*02:205+A*24:21:01		
A*02:24+A*24:50	A*02:137+A*24:104		
A*02:24+A*24:56	A*02:26+A*24:21:01		
A*02:24+A*24:58	A*02:107+A*24:21:01		
A*02:24+A*24:62	A*02:80+A*24:21:01		
A*02:24+A*24:71	A*02:40+A*24:21:01		
A*02:24+A*24:72	A*02:145+A*24:21:01		
A*02:24+A*24:73	A*02:147+A*24:21:01		
A*02:24+A*24:90N	A*02:88N+A*24:21:01		
A*02:24+A*24:91	A*02:68+A*24:21:01		
A*02:24+A*24:96	A*02:254+A*24:21:01		
A*02:24+A*24:99	A*02:25+A*24:21:01		
A*02:24+A*24:119	A*02:158+A*24:21:01		
A*02:24+A*24:121	A*02:64+A*24:21:01		
A*02:24+A*24:133	A*02:182+A*24:21:01		
A*02:24+A*25:01:01G	A*02:137+A*25:03		
A*02:24+A*34:02	A*02:137+A*34:08		
A*02:25+A*03:01:01G	A*02:171:02+A*03:07		
A*02:25+A*03:01:02	A*02:171:01+A*03:07		
A*02:25+A*03:65	A*02:171:02+A*03:02	A*02:280+A*03:07	
A*02:25+A*11:03	A*02:171:02+A*11:60		
A*02:25+A*11:20	A*02:280+A*11:31		
A*02:25+A*11:25	A*02:171:02+A*11:31		
A*02:25+A*24:05	A*02:174+A*24:99		
A*02:25+A*24:07	A*02:34+A*24:99		
A*02:25+A*24:17	A*02:246+A*24:99		
A*02:25+A*24:46	A*02:101+A*24:99		
A*02:25+A*24:47	A*02:205+A*24:99		
A*02:25+A*24:56	A*02:26+A*24:99	A*02:171:02+A*24:02:01G	A*02:280+A*24:13:01
A*02:25+A*24:58	A*02:107+A*24:99		
A*02:25+A*24:62	A*02:80+A*24:99		
A*02:25+A*24:71	A*02:40+A*24:99		
A*02:25+A*24:72	A*02:145+A*24:99		
A*02:25+A*24:73	A*02:147+A*24:99		
A*02:25+A*24:90N	A*02:88N+A*24:99		
A*02:25+A*24:91	A*02:68+A*24:99		
A*02:25+A*24:96	A*02:254+A*24:99		
A*02:25+A*24:119	A*02:158+A*24:99		
A*02:25+A*24:121	A*02:64+A*24:99		
A*02:25+A*24:133	A*02:182+A*24:99		
A*02:25+A*26:01:01G	A*02:171:02+A*26:12		
A*02:25+A*26:18	A*02:40+A*26:12		
A*02:25+A*68:42	A*02:171:02+A*68:01:01G		
A*02:25+A*68:54	A*02:171:02+A*68:02:01G		
A*02:26+A*02:51	A*02:40+A*02:99		
A*02:26+A*02:54	A*02:37+A*02:99		
A*02:26+A*02:72	A*02:99+A*02:275		
A*02:26+A*02:79:01	A*02:86+A*02:99		
A*02:26+A*02:106	A*02:99+A*02:145		
A*02:26+A*02:122	A*02:50+A*02:99		
A*02:26+A*02:127	A*02:99+A*02:167		
A*02:26+A*02:144	A*02:99+A*02:205		
A*02:26+A*02:169	A*02:99+A*02:195		
A*02:26+A*02:178	A*02:64+A*02:99		
A*02:26+A*03:12	A*02:99+A*03:01:01G		
A*02:26+A*24:05	A*02:174+A*24:56		
A*02:26+A*24:07	A*02:34+A*24:56		
A*02:26+A*24:17	A*02:246+A*24:56		
A*02:26+A*24:46	A*02:101+A*24:56		
A*02:26+A*24:47	A*02:205+A*24:56		
A*02:26+A*24:50	A*02:99+A*24:104		
A*02:26+A*24:58	A*02:107+A*24:56		
A*02:26+A*24:62	A*02:80+A*24:56		
A*02:26+A*24:71	A*02:40+A*24:56		
A*02:26+A*24:72	A*02:145+A*24:56		
A*02:26+A*24:73	A*02:147+A*24:56		
A*02:26+A*24:90N	A*02:88N+A*24:56		
A*02:26+A*24:91	A*02:68+A*24:56		
A*02:26+A*24:96	A*02:254+A*24:56		
A*02:26+A*24:119	A*02:158+A*24:56		
A*02:26+A*24:121	A*02:64+A*24:56		
A*02:26+A*24:133	A*02:182+A*24:56		
A*02:26+A*25:01:01G	A*02:99+A*25:03	A*02:171:02+A*25:09	
A*02:26+A*26:01:01G	A*02:171:02+A*26:14		
A*02:26+A*26:52	A*02:171:02+A*26:28		
A*02:26+A*33:03:01G	A*02:40+A*33:28		
A*02:26+A*34:02	A*02:99+A*34:08	A*02:171:02+A*34:03	
A*02:26+A*68:26	A*02:37+A*68:63		
A*02:26+A*68:35	A*02:123+A*68:42		
A*02:26+A*68:48	A*02:118+A*68:54		
A*02:26+A*68:51	A*02:40+A*68:54		
A*02:26+A*68:53	A*02:159+A*68:54		
A*02:27+A*24:87	A*02:49+A*24:59		
A*02:27+A*31:05	A*02:37+A*31:43		
A*02:28+A*23:03:02	A*02:137+A*23:21		

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A*02:28+A*23:24	A*02:106+A*23:21	
A*02:29+A*29:01:01G	A*02:204+A*29:04	
A*02:29+A*29:03	A*02:36+A*29:04	
A*02:29+A*29:06	A*02:121+A*29:04	
A*02:34+A*02:48	A*02:35:02+A*02:46	
A*02:34+A*03:01:01G	A*02:35:01+A*03:09	A*02:56:02+A*03:23
A*02:34+A*03:01:03	A*02:56:01+A*03:23	
A*02:34+A*11:01:01GN	A*02:35:01+A*11:06	
A*02:34+A*11:40	A*02:146+A*11:06	
A*02:34+A*23:06	A*02:257+A*23:13	
A*02:34+A*23:08N	A*02:82N+A*23:13	
A*02:34+A*23:10	A*02:101+A*23:13	
A*02:34+A*23:24	A*02:145+A*23:13	
A*02:34+A*23:25	A*02:74:02+A*23:13	
A*02:34+A*24:05	A*02:174+A*24:07	
A*02:34+A*24:17	A*02:246+A*24:07	
A*02:34+A*24:46	A*02:101+A*24:07	
A*02:34+A*24:47	A*02:205+A*24:07	
A*02:34+A*24:58	A*02:107+A*24:07	
A*02:34+A*24:62	A*02:80+A*24:07	
A*02:34+A*24:71	A*02:40+A*24:07	
A*02:34+A*24:72	A*02:145+A*24:07	
A*02:34+A*24:73	A*02:147+A*24:07	
A*02:34+A*24:90N	A*02:88N+A*24:07	
A*02:34+A*24:91	A*02:68+A*24:07	
A*02:34+A*24:96	A*02:254+A*24:07	
A*02:34+A*24:119	A*02:158+A*24:07	
A*02:34+A*24:121	A*02:64+A*24:07	
A*02:34+A*24:133	A*02:182+A*24:07	
A*02:34+A*25:08	A*02:85+A*25:02	
A*02:34+A*26:08	A*02:62+A*26:48	
A*02:34+A*26:27	A*02:68+A*26:13	
A*02:34+A*26:41	A*02:187+A*26:13	
A*02:34+A*26:47	A*02:85+A*26:13	
A*02:34+A*26:49	A*02:36+A*26:13	
A*02:34+A*26:50	A*02:210+A*26:13	
A*02:34+A*26:52	A*02:40+A*26:13	
A*02:34+A*30:01:01G	A*02:35:01+A*30:16	
A*02:34+A*30:28	A*02:224+A*30:25	
A*02:34+A*30:34	A*02:74:01+A*30:25	
A*02:34+A*31:01:02G	A*02:62+A*31:02	
A*02:34+A*31:10	A*02:62+A*31:07	
A*02:34+A*32:04	A*02:81:01G+A*03:09	
A*02:34+A*32:07	A*02:76+A*32:17	
A*02:34+A*32:09	A*02:233+A*32:17	
A*02:34+A*32:12	A*02:121+A*32:17	
A*02:34+A*32:13	A*02:36+A*32:17	
A*02:34+A*32:21	A*02:165+A*32:17	
A*02:34+A*33:09	A*02:62+A*33:08	
A*02:34+A*33:11	A*02:35:01+A*33:24	
A*02:34+A*74:05	A*02:158+A*74:13	
A*02:35:01+A*02:56:02	A*02:35:02+A*02:56:01	
A*02:35:01+A*02:195	A*02:56:02+A*02:90	
A*02:35:01+A*03:01:01G	A*02:35:02+A*03:01:03	
A*02:35:01+A*03:08	A*02:90+A*03:01:01G	
A*02:35:01+A*03:41	A*02:146+A*03:63	
A*02:35:01+A*11:19	A*02:90+A*11:01:01GN	
A*02:35:01+A*11:40	A*02:146+A*11:01:01GN	
A*02:35:01+A*23:01:01G	A*02:90+A*23:13	
A*02:35:01+A*24:02:01G	A*02:35:03+A*24:02:06	A*02:90+A*24:07
A*02:35:01+A*24:44	A*02:90+A*24:19	
A*02:35:01+A*24:109	A*02:146+A*24:19	
A*02:35:01+A*25:01:01G	A*02:81:01G+A*66:01:01G	A*02:90+A*25:02
A*02:35:01+A*25:13	A*02:81:01G+A*66:12	
A*02:35:01+A*26:01:01G	A*02:90+A*26:13	A*02:146+A*66:01:01G
A*02:35:01+A*26:05	A*02:247+A*66:01:01G	
A*02:35:01+A*26:07:01	A*02:35:02+A*26:07:02	
A*02:35:01+A*26:22	A*02:146+A*66:09	
A*02:35:01+A*26:49	A*02:146+A*66:10	
A*02:35:01+A*29:20	A*02:90+A*29:01:01G	
A*02:35:01+A*30:02:01G	A*02:90+A*30:25	
A*02:35:01+A*30:04:01	A*02:247+A*30:17	
A*02:35:01+A*30:04:02	A*02:35:03+A*30:04:01	
A*02:35:01+A*32:01:01G	A*02:81:01G+A*74:13	A*02:90+A*32:17
A*02:35:01+A*32:03	A*02:87+A*74:13	
A*02:35:01+A*32:04	A*02:81:01G+A*03:01:01G	
A*02:35:01+A*33:01:01	A*02:35:02+A*33:01:02	
A*02:35:01+A*66:03	A*02:90+A*66:02	
A*02:35:01+A*66:05	A*02:90+A*66:01:01G	
A*02:35:01+A*68:03:01	A*02:90+A*68:01:02G	
A*02:35:01+A*68:03:03	A*02:90+A*68:01:01G	
A*02:35:01+A*68:20	A*02:187+A*68:01:02G	
A*02:35:01+A*68:31	A*02:90+A*68:02:01G	
A*02:35:01+A*74:01:01G	A*02:90+A*74:13	
A*02:36+A*02:103	A*02:56:02+A*02:255	
A*02:36+A*02:112	A*02:87+A*02:255	
A*02:36+A*02:130	A*02:40+A*02:255	
A*02:36+A*02:280	A*02:37+A*02:171:02	
A*02:36+A*02:282	A*02:95+A*02:255	
A*02:36+A*03:02	A*02:37+A*03:07	
A*02:36+A*03:04	A*02:74:02+A*03:97	
A*02:36+A*03:22	A*02:174+A*03:97	
A*02:36+A*03:44	A*02:164+A*03:97	
A*02:36+A*03:54	A*02:145+A*03:97	
A*02:36+A*03:66	A*02:49+A*03:97	
A*02:36+A*03:69N	A*02:226N+A*03:97	
A*02:36+A*03:72	A*02:76+A*03:97	
A*02:36+A*03:79	A*02:85+A*03:97	
A*02:36+A*03:87	A*02:197+A*03:97	
A*02:36+A*03:93	A*02:119+A*03:97	
A*02:36+A*11:15:01	A*02:202+A*11:39	
A*02:36+A*11:20	A*02:37+A*11:25	
A*02:36+A*11:23	A*02:182+A*11:39	
A*02:36+A*11:30	A*02:197+A*11:39	
A*02:36+A*11:32	A*02:121+A*11:39	

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A*02:36+A*11:33:02	A*02:174+A*11:39	
A*02:36+A*11:34	A*02:153+A*11:39	
A*02:36+A*11:41	A*02:273+A*11:39	
A*02:36+A*11:48	A*02:183+A*11:39	
A*02:36+A*11:79	A*02:109+A*11:39	
A*02:36+A*24:02:01G	A*02:37+A*24:13:01	
A*02:36+A*24:22	A*02:262+A*24:06	
A*02:36+A*26:08	A*02:37+A*26:43:01	
A*02:36+A*26:27	A*02:68+A*26:49	
A*02:36+A*26:41	A*02:187+A*26:49	
A*02:36+A*26:47	A*02:85+A*26:49	
A*02:36+A*26:50	A*02:210+A*26:49	
A*02:36+A*26:52	A*02:40+A*26:49	
A*02:36+A*29:01:01G	A*02:204+A*29:03	
A*02:36+A*29:06	A*02:121+A*29:03	
A*02:36+A*31:11	A*02:202+A*31:05	
A*02:36+A*31:13	A*02:251+A*31:05	
A*02:36+A*31:16	A*02:107+A*31:05	
A*02:36+A*31:28	A*02:139+A*31:05	
A*02:36+A*31:31	A*02:275+A*31:05	
A*02:36+A*31:36	A*02:257+A*31:05	
A*02:36+A*31:40	A*02:133+A*31:05	
A*02:36+A*31:45	A*02:165+A*31:05	
A*02:36+A*32:02	A*02:37+A*32:06	
A*02:36+A*32:07	A*02:76+A*32:13	
A*02:36+A*32:09	A*02:233+A*32:13	
A*02:36+A*32:12	A*02:121+A*32:13	
A*02:36+A*32:21	A*02:165+A*32:13	
A*02:36+A*66:14	A*02:121+A*66:10	
A*02:36+A*68:09	A*02:37+A*68:08:02	
A*02:36+A*68:12	A*02:86+A*68:65	
A*02:36+A*68:17	A*02:60:01+A*68:65	
A*02:36+A*68:19	A*02:237+A*68:65	
A*02:36+A*68:21	A*02:74:02+A*68:65	
A*02:36+A*68:24	A*02:208+A*68:65	
A*02:37+A*02:51	A*02:40+A*02:54	
A*02:37+A*02:72	A*02:54+A*02:275	
A*02:37+A*02:79:01	A*02:54+A*02:86	
A*02:37+A*02:106	A*02:54+A*02:145	
A*02:37+A*02:122	A*02:50+A*02:54	
A*02:37+A*02:127	A*02:54+A*02:167	
A*02:37+A*02:144	A*02:54+A*02:205	
A*02:37+A*02:169	A*02:54+A*02:195	
A*02:37+A*02:178	A*02:54+A*02:64	
A*02:37+A*03:12	A*02:54+A*03:01:01G	A*02:142+A*03:97
A*02:37+A*11:44	A*02:49+A*11:39	
A*02:37+A*24:18	A*02:237+A*24:56	
A*02:37+A*24:50	A*02:54+A*24:104	
A*02:37+A*25:01:01G	A*02:54+A*25:03	
A*02:37+A*34:02	A*02:54+A*34:08	
A*02:38+A*11:04	A*02:280+A*11:01:01GN	
A*02:38+A*11:27	A*02:280+A*11:39	
A*02:38+A*23:01:01G	A*02:280+A*23:10	
A*02:38+A*24:02:01G	A*02:280+A*24:46	
A*02:38+A*24:03:01G	A*02:280+A*24:10	
A*02:38+A*24:13:01	A*02:171:02+A*24:46	
A*02:38+A*24:13:02	A*02:171:01+A*24:46	
A*02:38+A*36:01	A*02:280+A*36:04	
A*02:38+A*68:54	A*02:280+A*68:61	
A*02:39+A*02:57	A*02:79:02+A*02:110	
A*02:39+A*11:73	A*02:242+A*11:01:07	
A*02:40+A*02:72	A*02:51+A*02:275	
A*02:40+A*02:79:01	A*02:51+A*02:86	
A*02:40+A*02:103	A*02:56:02+A*02:130	
A*02:40+A*02:106	A*02:51+A*02:145	
A*02:40+A*02:112	A*02:87+A*02:130	
A*02:40+A*02:122	A*02:50+A*02:51	
A*02:40+A*02:127	A*02:51+A*02:167	
A*02:40+A*02:144	A*02:51+A*02:205	
A*02:40+A*02:169	A*02:51+A*02:195	
A*02:40+A*02:178	A*02:51+A*02:64	
A*02:40+A*02:282	A*02:95+A*02:130	
A*02:40+A*03:12	A*02:51+A*03:01:01G	
A*02:40+A*11:36	A*02:130+A*11:01:01GN	
A*02:40+A*24:17	A*02:246+A*24:71	
A*02:40+A*24:46	A*02:101+A*24:71	
A*02:40+A*24:47	A*02:205+A*24:71	
A*02:40+A*24:50	A*02:51+A*24:104	
A*02:40+A*24:58	A*02:107+A*24:71	
A*02:40+A*24:62	A*02:80+A*24:71	
A*02:40+A*24:72	A*02:145+A*24:71	
A*02:40+A*24:73	A*02:147+A*24:71	
A*02:40+A*24:90N	A*02:88N+A*24:71	
A*02:40+A*24:91	A*02:68+A*24:71	
A*02:40+A*24:96	A*02:254+A*24:71	
A*02:40+A*24:119	A*02:158+A*24:71	
A*02:40+A*24:121	A*02:64+A*24:71	
A*02:40+A*24:133	A*02:182+A*24:71	
A*02:40+A*25:01:01G	A*02:51+A*25:03	
A*02:40+A*26:27	A*02:68+A*26:52	
A*02:40+A*26:41	A*02:187+A*26:52	
A*02:40+A*26:47	A*02:85+A*26:52	
A*02:40+A*26:50	A*02:210+A*26:52	
A*02:40+A*34:02	A*02:51+A*34:08	
A*02:40+A*68:48	A*02:118+A*68:51	
A*02:40+A*68:53	A*02:159+A*68:51	
A*02:44+A*02:174	A*02:142+A*02:149	
A*02:44+A*11:57	A*02:142+A*11:02:01G	
A*02:44+A*24:94	A*02:79:01+A*24:03:01G	
A*02:44+A*68:01:05	A*02:142+A*68:50	
A*02:45+A*23:01:01G	A*02:92+A*23:28	
A*02:45+A*24:02:01G	A*02:92+A*24:77	
A*02:46+A*24:29	A*02:92+A*24:02:01G	
A*02:46+A*30:25	A*02:56:01+A*30:07	
A*02:48+A*03:09	A*02:195+A*03:30	

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A*02:48+A*03:23	A*02:90+A*03:30	
A*02:48+A*33:09	A*02:90+A*33:21	
A*02:49+A*03:04	A*02:74:02+A*03:66	
A*02:49+A*03:22	A*02:174+A*03:66	
A*02:49+A*03:44	A*02:164+A*03:66	
A*02:49+A*03:54	A*02:145+A*03:66	
A*02:49+A*03:72	A*02:76+A*03:66	
A*02:49+A*03:79	A*02:85+A*03:66	
A*02:49+A*03:87	A*02:197+A*03:66	
A*02:49+A*03:93	A*02:119+A*03:66	
A*02:50+A*02:72	A*02:122+A*02:275	
A*02:50+A*02:79:01	A*02:86+A*02:122	
A*02:50+A*02:106	A*02:122+A*02:145	
A*02:50+A*02:127	A*02:122+A*02:167	
A*02:50+A*02:144	A*02:122+A*02:205	
A*02:50+A*02:169	A*02:122+A*02:195	
A*02:50+A*02:178	A*02:64+A*02:122	
A*02:50+A*03:12	A*02:122+A*03:01:01G	
A*02:50+A*24:50	A*02:122+A*24:104	
A*02:50+A*25:01:01G	A*02:122+A*25:03	
A*02:50+A*34:02	A*02:122+A*34:08	
A*02:51+A*24:05	A*02:54+A*23:04	A*02:142+A*23:01:01G
A*02:51+A*24:21:01	A*02:137+A*24:71	
A*02:51+A*24:47	A*02:144+A*24:71	
A*02:51+A*24:56	A*02:99+A*24:71	
A*02:51+A*24:69	A*02:278+A*24:71	
A*02:51+A*24:72	A*02:106+A*24:71	
A*02:51+A*24:121	A*02:178+A*24:71	
A*02:51+A*26:16	A*02:76+A*26:52	
A*02:51+A*33:28	A*02:99+A*33:03:01G	
A*02:51+A*68:54	A*02:99+A*68:51	
A*02:52+A*03:01:01G	A*02:114+A*03:43	
A*02:52+A*03:02	A*02:114+A*03:82	
A*02:52+A*03:19	A*02:242+A*03:43	
A*02:52+A*03:56	A*02:279+A*03:43	
A*02:52+A*24:02:01G	A*02:95+A*24:66	
A*02:52+A*24:17	A*02:114+A*24:66	
A*02:52+A*24:41	A*02:279+A*24:66	
A*02:52+A*30:26	A*02:114+A*30:01:01G	
A*02:52+A*68:01:02G	A*02:114+A*68:06	
A*02:54+A*11:01:01GN	A*02:142+A*11:39	
A*02:54+A*11:02:01G	A*02:142+A*11:38	
A*02:54+A*11:04	A*02:142+A*11:27	
A*02:54+A*24:03:01G	A*02:142+A*24:02:01G	
A*02:54+A*24:03:02	A*02:142+A*24:02:18	
A*02:54+A*24:10	A*02:142+A*24:46	
A*02:54+A*26:01:01G	A*02:142+A*26:49	
A*02:54+A*26:15	A*02:142+A*26:29	
A*02:54+A*29:02:01G	A*02:142+A*29:03	
A*02:54+A*31:01:02G	A*02:142+A*31:05	
A*02:54+A*32:01:01G	A*02:142+A*32:13	
A*02:54+A*33:03:01G	A*02:142+A*33:10	
A*02:54+A*66:01:01G	A*02:142+A*66:10	
A*02:54+A*68:01:02G	A*02:142+A*68:65	
A*02:54+A*68:63	A*02:99+A*68:26	
A*02:55+A*03:01:01G	A*02:195+A*03:24	
A*02:55+A*03:12	A*02:169+A*03:24	
A*02:55+A*11:01:01GN	A*02:195+A*11:10	
A*02:55+A*32:01:01G	A*02:195+A*32:15	
A*02:55+A*32:17	A*02:56:02+A*32:15	
A*02:55+A*68:66	A*02:56:02+A*68:03:01	A*02:195+A*68:01:02G
A*02:56:01+A*03:01:01G	A*02:56:02+A*03:01:03	
A*02:56:01+A*03:08	A*02:195+A*03:01:03	
A*02:56:01+A*03:12	A*02:78+A*03:09	
A*02:56:01+A*11:70	A*02:62+A*11:01:01GN	
A*02:56:01+A*26:07:01	A*02:56:02+A*26:07:02	
A*02:56:01+A*33:01:01	A*02:56:02+A*33:01:02	
A*02:56:02+A*02:112	A*02:87+A*02:103	
A*02:56:02+A*02:282	A*02:95+A*02:103	
A*02:56:02+A*03:08	A*02:195+A*03:01:01G	
A*02:56:02+A*03:108	A*02:195+A*03:09	
A*02:56:02+A*11:19	A*02:195+A*11:01:01GN	
A*02:56:02+A*11:36	A*02:103+A*11:01:01GN	
A*02:56:02+A*23:01:01G	A*02:195+A*23:13	
A*02:56:02+A*24:02:01G	A*02:195+A*24:07	
A*02:56:02+A*24:44	A*02:195+A*24:19	
A*02:56:02+A*25:01:01G	A*02:195+A*25:02	
A*02:56:02+A*26:01:01G	A*02:195+A*26:13	
A*02:56:02+A*29:20	A*02:195+A*29:01:01G	
A*02:56:02+A*30:02:01G	A*02:195+A*30:25	
A*02:56:02+A*30:44	A*02:195+A*30:16	
A*02:56:02+A*32:01:01G	A*02:195+A*32:17	
A*02:56:02+A*66:03	A*02:195+A*66:02	
A*02:56:02+A*66:05	A*02:195+A*66:01:01G	
A*02:56:02+A*68:03:03	A*02:195+A*68:01:01G	
A*02:56:02+A*68:30	A*02:62+A*68:66	
A*02:56:02+A*68:31	A*02:195+A*68:02:01G	
A*02:56:02+A*74:01:01G	A*02:195+A*74:13	
A*02:57+A*24:02:01G	A*02:108+A*24:53	
A*02:57+A*24:120	A*02:108+A*24:57	
A*02:58+A*24:57	A*02:245+A*24:53	
A*02:58+A*24:92	A*02:245+A*24:51	
A*02:58+A*24:120	A*02:245+A*24:02:01G	
A*02:60:01+A*68:12	A*02:86+A*68:17	
A*02:60:01+A*68:19	A*02:237+A*68:17	
A*02:60:01+A*68:21	A*02:74:02+A*68:17	
A*02:60:01+A*68:24	A*02:208+A*68:17	
A*02:62+A*32:05	A*02:70+A*32:17	
A*02:64+A*02:72	A*02:178+A*02:275	
A*02:64+A*02:79:01	A*02:86+A*02:178	
A*02:64+A*02:106	A*02:145+A*02:178	
A*02:64+A*02:127	A*02:167+A*02:178	
A*02:64+A*02:144	A*02:178+A*02:205	
A*02:64+A*02:169	A*02:178+A*02:195	
A*02:64+A*03:12	A*02:178+A*03:01:01G	

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A*02:64+A*24:05	A*02:174+A*24:121
A*02:64+A*24:17	A*02:246+A*24:121
A*02:64+A*24:46	A*02:101+A*24:121
A*02:64+A*24:47	A*02:205+A*24:121
A*02:64+A*24:50	A*02:178+A*24:104
A*02:64+A*24:58	A*02:107+A*24:121
A*02:64+A*24:62	A*02:80+A*24:121
A*02:64+A*24:72	A*02:145+A*24:121
A*02:64+A*24:73	A*02:147+A*24:121
A*02:64+A*24:90N	A*02:88N+A*24:121
A*02:64+A*24:91	A*02:68+A*24:121
A*02:64+A*24:96	A*02:254+A*24:121
A*02:64+A*24:119	A*02:158+A*24:121
A*02:64+A*24:133	A*02:182+A*24:121
A*02:64+A*25:01:01G	A*02:178+A*25:03
A*02:64+A*34:02	A*02:178+A*34:08
A*02:65+A*68:01:01G	A*02:152+A*68:25
A*02:68+A*24:05	A*02:174+A*24:91
A*02:68+A*24:17	A*02:246+A*24:91
A*02:68+A*24:46	A*02:101+A*24:91
A*02:68+A*24:47	A*02:205+A*24:91
A*02:68+A*24:58	A*02:107+A*24:91
A*02:68+A*24:62	A*02:80+A*24:91
A*02:68+A*24:72	A*02:145+A*24:91
A*02:68+A*24:73	A*02:147+A*24:91
A*02:68+A*24:90N	A*02:88N+A*24:91
A*02:68+A*24:96	A*02:254+A*24:91
A*02:68+A*24:119	A*02:158+A*24:91
A*02:68+A*24:133	A*02:182+A*24:91
A*02:68+A*26:41	A*02:187+A*26:27
A*02:68+A*26:47	A*02:85+A*26:27
A*02:68+A*26:50	A*02:210+A*26:27
A*02:72+A*02:86	A*02:79:01+A*02:275
A*02:72+A*02:145	A*02:106+A*02:275
A*02:72+A*02:167	A*02:127+A*02:275
A*02:72+A*02:195	A*02:169+A*02:275
A*02:72+A*02:205	A*02:144+A*02:275
A*02:72+A*03:01:01G	A*02:275+A*03:12
A*02:72+A*24:104	A*02:275+A*24:50
A*02:72+A*25:03	A*02:275+A*25:01:01G
A*02:72+A*34:08	A*02:275+A*34:02
A*02:73+A*02:246	A*02:245+A*02:279
A*02:73+A*24:93	A*02:93+A*24:120
A*02:73+A*26:22	A*02:93+A*26:01:01G
A*02:73+A*66:09	A*02:93+A*66:01:01G
A*02:74:01+A*30:28	A*02:224+A*30:34
A*02:74:02+A*03:22	A*02:174+A*03:04
A*02:74:02+A*03:44	A*02:164+A*03:04
A*02:74:02+A*03:54	A*02:145+A*03:04
A*02:74:02+A*03:69N	A*02:226N+A*03:04
A*02:74:02+A*03:72	A*02:76+A*03:04
A*02:74:02+A*03:79	A*02:85+A*03:04
A*02:74:02+A*03:87	A*02:197+A*03:04
A*02:74:02+A*03:93	A*02:119+A*03:04
A*02:74:02+A*23:06	A*02:257+A*23:25
A*02:74:02+A*23:08N	A*02:82N+A*23:25
A*02:74:02+A*23:10	A*02:101+A*23:25
A*02:74:02+A*23:24	A*02:145+A*23:25
A*02:74:02+A*68:12	A*02:86+A*68:21
A*02:74:02+A*68:19	A*02:237+A*68:21
A*02:74:02+A*68:24	A*02:208+A*68:21
A*02:76+A*03:22	A*02:174+A*03:72
A*02:76+A*03:44	A*02:164+A*03:72
A*02:76+A*03:54	A*02:145+A*03:72
A*02:76+A*03:69N	A*02:226N+A*03:72
A*02:76+A*03:79	A*02:85+A*03:72
A*02:76+A*03:87	A*02:197+A*03:72
A*02:76+A*03:93	A*02:119+A*03:72
A*02:76+A*24:82	A*02:243+A*24:02:01G
A*02:76+A*32:09	A*02:233+A*32:07
A*02:76+A*32:12	A*02:121+A*32:07
A*02:76+A*32:21	A*02:165+A*32:07
A*02:76+A*68:29	A*02:243+A*68:45
A*02:76+A*68:42	A*02:99+A*68:45
A*02:78+A*03:108	A*02:169+A*03:01:03
A*02:79:01+A*02:145	A*02:86+A*02:106
A*02:79:01+A*02:167	A*02:86+A*02:127
A*02:79:01+A*02:195	A*02:86+A*02:169
A*02:79:01+A*02:205	A*02:86+A*02:144
A*02:79:01+A*03:01:01G	A*02:86+A*03:12
A*02:79:01+A*11:01:07	A*02:79:02+A*11:01:01GN
A*02:79:01+A*11:33:01	A*02:79:02+A*11:33:02
A*02:79:01+A*24:02:01G	A*02:79:02+A*24:02:02
A*02:79:01+A*24:104	A*02:86+A*24:50
A*02:79:01+A*25:03	A*02:86+A*25:01:01G
A*02:79:01+A*26:01:01G	A*02:79:02+A*26:01:17
A*02:79:01+A*34:08	A*02:86+A*34:02
A*02:79:01+A*68:01:05	A*02:79:02+A*68:01:01G
A*02:80+A*03:01:01G	A*02:246+A*03:103
A*02:80+A*24:05	A*02:174+A*24:62
A*02:80+A*24:17	A*02:246+A*24:62
A*02:80+A*24:46	A*02:101+A*24:62
A*02:80+A*24:47	A*02:205+A*24:62
A*02:80+A*24:58	A*02:107+A*24:62
A*02:80+A*24:72	A*02:145+A*24:62
A*02:80+A*24:73	A*02:147+A*24:62
A*02:80+A*24:90N	A*02:88N+A*24:62
A*02:80+A*24:96	A*02:254+A*24:62
A*02:80+A*24:119	A*02:158+A*24:62
A*02:80+A*24:133	A*02:182+A*24:62
A*02:80+A*31:06	A*02:246+A*31:01:02G
A*02:80+A*32:30	A*02:246+A*32:01:01G
A*02:80+A*33:18	A*02:246+A*33:03:01G
A*02:81:01G+A*03:08	A*02:90+A*32:04
A*02:81:01G+A*24:02:01G	A*02:87+A*24:32

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A*02:81:01G+A*24:04	A*02:146+A*24:32	
A*02:81:01G+A*26:01:01G	A*02:146+A*25:01:01G	
A*02:81:01G+A*26:05	A*02:247+A*25:01:01G	
A*02:81:01G+A*26:08	A*02:146+A*25:04	
A*02:81:01G+A*26:09	A*02:146+A*25:06	
A*02:81:01G+A*26:13	A*02:146+A*25:02	
A*02:81:01G+A*26:14	A*02:146+A*25:09	
A*02:81:01G+A*26:36	A*02:146+A*25:11	
A*02:81:01G+A*26:47	A*02:146+A*25:08	
A*02:81:01G+A*26:54	A*02:146+A*25:05	
A*02:81:01G+A*29:02:01G	A*02:146+A*29:13	
A*02:81:01G+A*32:03	A*02:87+A*32:01:01G	
A*02:81:01G+A*66:05	A*02:90+A*25:01:01G	
A*02:81:01G+A*74:01:01G	A*02:90+A*32:01:01G	
A*02:82N+A*23:06	A*02:257+A*23:08N	
A*02:82N+A*23:10	A*02:101+A*23:08N	
A*02:82N+A*23:24	A*02:145+A*23:08N	
A*02:85+A*03:22	A*02:174+A*03:79	
A*02:85+A*03:44	A*02:164+A*03:79	
A*02:85+A*03:54	A*02:145+A*03:79	
A*02:85+A*03:69N	A*02:226N+A*03:79	
A*02:85+A*03:87	A*02:197+A*03:79	
A*02:85+A*03:93	A*02:119+A*03:79	
A*02:85+A*26:41	A*02:187+A*26:47	
A*02:85+A*26:50	A*02:210+A*26:47	
A*02:86+A*68:19	A*02:237+A*68:12	
A*02:86+A*68:24	A*02:208+A*68:12	
A*02:87+A*02:282	A*02:95+A*02:112	
A*02:87+A*03:50	A*02:136+A*03:01:01G	
A*02:87+A*03:66	A*02:136+A*03:01:02	
A*02:87+A*11:36	A*02:112+A*11:01:01GN	
A*02:87+A*11:44	A*02:136+A*11:24:01	
A*02:87+A*23:02	A*02:136+A*23:01:01G	
A*02:87+A*24:04	A*02:146+A*24:02:01G	
A*02:87+A*24:06	A*02:136+A*24:13:01	
A*02:87+A*24:87	A*02:136+A*24:13:02	
A*02:87+A*24:89	A*02:90+A*24:42	
A*02:87+A*26:01:01G	A*02:136+A*26:43:01	
A*02:87+A*31:30	A*02:136+A*31:01:02G	
A*02:87+A*33:21	A*02:128+A*31:08	
A*02:87+A*68:01:02G	A*02:90+A*68:36	A*02:136+A*68:08:02
A*02:87+A*68:42	A*02:136+A*68:63	
A*02:87+A*74:01:01G	A*02:90+A*32:03	
A*02:88N+A*24:05	A*02:174+A*24:90N	
A*02:88N+A*24:17	A*02:246+A*24:90N	
A*02:88N+A*24:46	A*02:101+A*24:90N	
A*02:88N+A*24:47	A*02:205+A*24:90N	
A*02:88N+A*24:58	A*02:107+A*24:90N	
A*02:88N+A*24:72	A*02:145+A*24:90N	
A*02:88N+A*24:73	A*02:147+A*24:90N	
A*02:88N+A*24:96	A*02:254+A*24:90N	
A*02:88N+A*24:119	A*02:158+A*24:90N	
A*02:88N+A*24:133	A*02:182+A*24:90N	
A*02:90+A*03:57	A*02:146+A*03:01:01G	
A*02:90+A*11:40	A*02:146+A*11:19	
A*02:90+A*24:109	A*02:146+A*24:44	
A*02:90+A*26:01:01G	A*02:146+A*66:05	
A*02:90+A*26:05	A*02:247+A*66:05	
A*02:90+A*68:20	A*02:187+A*68:03:01	
A*02:91+A*03:54	A*02:106+A*03:94	
A*02:91+A*03:65	A*02:142+A*03:94	
A*02:93+A*02:114	A*02:95+A*02:279	
A*02:93+A*03:01:01G	A*02:95+A*03:56	A*02:156+A*03:95
A*02:93+A*03:15	A*02:242+A*03:56	A*02:279+A*03:19
A*02:93+A*24:02:01G	A*02:242+A*24:15	
A*02:93+A*24:17	A*02:95+A*24:41	A*02:279+A*24:02:01G
A*02:93+A*24:53	A*02:95+A*24:15	
A*02:93+A*25:10	A*02:95+A*25:01:01G	
A*02:95+A*03:15	A*02:114+A*03:19	A*02:242+A*03:01:01G
A*02:95+A*11:36	A*02:282+A*11:01:01GN	
A*02:95+A*24:02:01G	A*02:242+A*24:53	
A*02:95+A*24:17	A*02:114+A*24:02:01G	
A*02:95+A*24:120	A*02:242+A*24:57	
A*02:95+A*29:07	A*02:110+A*29:22	
A*02:99+A*03:10	A*02:142+A*03:05	
A*02:99+A*03:76	A*02:142+A*03:47	
A*02:99+A*03:82	A*02:142+A*03:43	
A*02:99+A*24:21:01	A*02:137+A*24:56	
A*02:99+A*24:47	A*02:144+A*24:56	
A*02:99+A*24:69	A*02:278+A*24:56	
A*02:99+A*24:72	A*02:106+A*24:56	
A*02:99+A*24:121	A*02:178+A*24:56	
A*02:99+A*68:29	A*02:243+A*68:42	
A*02:101+A*23:06	A*02:257+A*23:10	
A*02:101+A*23:24	A*02:145+A*23:10	
A*02:101+A*24:05	A*02:174+A*24:46	
A*02:101+A*24:17	A*02:246+A*24:46	
A*02:101+A*24:47	A*02:205+A*24:46	
A*02:101+A*24:58	A*02:107+A*24:46	
A*02:101+A*24:72	A*02:145+A*24:46	
A*02:101+A*24:73	A*02:147+A*24:46	
A*02:101+A*24:96	A*02:254+A*24:46	
A*02:101+A*24:119	A*02:158+A*24:46	
A*02:101+A*24:133	A*02:182+A*24:46	
A*02:103+A*11:19	A*02:195+A*11:36	
A*02:106+A*02:167	A*02:127+A*02:145	
A*02:106+A*02:195	A*02:145+A*02:169	
A*02:106+A*02:205	A*02:144+A*02:145	
A*02:106+A*03:65	A*02:142+A*03:54	
A*02:106+A*23:03:02	A*02:137+A*23:24	
A*02:106+A*24:21:01	A*02:137+A*24:72	
A*02:106+A*24:47	A*02:144+A*24:72	
A*02:106+A*24:69	A*02:278+A*24:72	
A*02:106+A*24:104	A*02:145+A*24:50	
A*02:106+A*24:121	A*02:178+A*24:72	

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A*02:106+A*25:03	A*02:145+A*25:01:01G	
A*02:106+A*34:08	A*02:145+A*34:02	
A*02:107+A*24:05	A*02:174+A*24:58	
A*02:107+A*24:17	A*02:246+A*24:58	
A*02:107+A*24:47	A*02:205+A*24:58	
A*02:107+A*24:72	A*02:145+A*24:58	
A*02:107+A*24:73	A*02:147+A*24:58	
A*02:107+A*24:96	A*02:254+A*24:58	
A*02:107+A*24:119	A*02:158+A*24:58	
A*02:107+A*24:133	A*02:182+A*24:58	
A*02:107+A*29:15	A*02:221+A*29:12	
A*02:107+A*31:11	A*02:202+A*31:16	
A*02:107+A*31:13	A*02:251+A*31:16	
A*02:107+A*31:28	A*02:139+A*31:16	
A*02:107+A*31:31	A*02:275+A*31:16	
A*02:107+A*31:36	A*02:257+A*31:16	
A*02:107+A*31:40	A*02:133+A*31:16	
A*02:107+A*31:45	A*02:165+A*31:16	
A*02:109+A*11:15:01	A*02:202+A*11:79	
A*02:109+A*11:23	A*02:182+A*11:79	
A*02:109+A*11:30	A*02:197+A*11:79	
A*02:109+A*11:32	A*02:121+A*11:79	
A*02:109+A*11:33:02	A*02:174+A*11:79	
A*02:109+A*11:34	A*02:153+A*11:79	
A*02:109+A*11:41	A*02:273+A*11:79	
A*02:109+A*11:48	A*02:183+A*11:79	
A*02:110+A*03:95	A*02:242+A*03:75	
A*02:110+A*24:92	A*02:156+A*24:02:01G	
A*02:114+A*03:56	A*02:279+A*03:01:01G	
A*02:114+A*24:15	A*02:279+A*24:53	
A*02:114+A*24:41	A*02:279+A*24:17	
A*02:114+A*25:01:01G	A*02:279+A*25:10	
A*02:118+A*03:22	A*02:190+A*03:01:01G	
A*02:118+A*11:33:01	A*02:190+A*11:01:07	
A*02:118+A*11:33:02	A*02:149+A*11:73	A*02:190+A*11:01:01GN
A*02:118+A*24:05	A*02:190+A*24:02:01G	
A*02:118+A*29:02:01G	A*02:190+A*29:09	
A*02:118+A*33:01:01	A*02:190+A*33:34	
A*02:118+A*68:53	A*02:159+A*68:48	
A*02:119+A*03:22	A*02:174+A*03:93	
A*02:119+A*03:44	A*02:164+A*03:93	
A*02:119+A*03:54	A*02:145+A*03:93	
A*02:119+A*03:69N	A*02:226N+A*03:93	
A*02:119+A*03:87	A*02:197+A*03:93	
A*02:121+A*11:15:01	A*02:202+A*11:32	
A*02:121+A*11:23	A*02:182+A*11:32	
A*02:121+A*11:30	A*02:197+A*11:32	
A*02:121+A*11:33:02	A*02:174+A*11:32	
A*02:121+A*11:34	A*02:153+A*11:32	
A*02:121+A*11:41	A*02:273+A*11:32	
A*02:121+A*11:48	A*02:183+A*11:32	
A*02:121+A*29:01:01G	A*02:204+A*29:06	
A*02:121+A*32:09	A*02:233+A*32:12	
A*02:121+A*32:21	A*02:165+A*32:12	
A*02:122+A*24:67	A*24:42+A*68:31	
A*02:122+A*26:01:01G	A*26:07:01+A*68:15	
A*02:127+A*02:195	A*02:167+A*02:169	
A*02:127+A*02:205	A*02:144+A*02:167	
A*02:127+A*03:01:01G	A*02:167+A*03:12	
A*02:127+A*24:104	A*02:167+A*24:50	
A*02:127+A*25:03	A*02:167+A*25:01:01G	
A*02:127+A*34:08	A*02:167+A*34:02	
A*02:130+A*24:27	A*02:219+A*24:71	
A*02:130+A*24:87	A*02:191+A*23:14	
A*02:130+A*26:49	A*02:255+A*26:52	
A*02:130+A*30:04:01	A*02:191+A*30:09	
A*02:130+A*68:62	A*02:219+A*68:51	
A*02:133+A*31:11	A*02:202+A*31:40	
A*02:133+A*31:13	A*02:251+A*31:40	
A*02:133+A*31:28	A*02:139+A*31:40	
A*02:133+A*31:31	A*02:275+A*31:40	
A*02:133+A*31:36	A*02:257+A*31:40	
A*02:133+A*31:45	A*02:165+A*31:40	
A*02:137+A*24:47	A*02:144+A*24:21:01	
A*02:137+A*24:69	A*02:278+A*24:21:01	
A*02:137+A*24:121	A*02:178+A*24:21:01	
A*02:139+A*31:11	A*02:202+A*31:28	
A*02:139+A*31:13	A*02:251+A*31:28	
A*02:139+A*31:31	A*02:275+A*31:28	
A*02:139+A*31:36	A*02:257+A*31:28	
A*02:139+A*31:45	A*02:165+A*31:28	
A*02:144+A*02:195	A*02:169+A*02:205	
A*02:144+A*03:01:01G	A*02:205+A*03:12	
A*02:144+A*24:69	A*02:278+A*24:47	
A*02:144+A*24:104	A*02:205+A*24:50	
A*02:144+A*24:121	A*02:178+A*24:47	
A*02:144+A*25:03	A*02:205+A*25:01:01G	
A*02:144+A*34:08	A*02:205+A*34:02	
A*02:145+A*03:22	A*02:174+A*03:54	
A*02:145+A*03:44	A*02:164+A*03:54	
A*02:145+A*03:69N	A*02:226N+A*03:54	
A*02:145+A*03:87	A*02:197+A*03:54	
A*02:145+A*23:06	A*02:257+A*23:24	
A*02:145+A*24:05	A*02:174+A*24:72	
A*02:145+A*24:17	A*02:246+A*24:72	
A*02:145+A*24:47	A*02:205+A*24:72	
A*02:145+A*24:73	A*02:147+A*24:72	
A*02:145+A*24:96	A*02:254+A*24:72	
A*02:145+A*24:119	A*02:158+A*24:72	
A*02:145+A*24:133	A*02:182+A*24:72	
A*02:146+A*26:05	A*02:247+A*26:01:01G	
A*02:147+A*24:05	A*02:174+A*24:73	
A*02:147+A*24:17	A*02:246+A*24:73	
A*02:147+A*24:47	A*02:205+A*24:73	
A*02:147+A*24:96	A*02:254+A*24:73	

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A*02:147+A*24:119	A*02:158+A*24:73	
A*02:147+A*24:133	A*02:182+A*24:73	
A*02:149+A*11:16	A*02:190+A*11:02:01G	
A*02:149+A*11:57	A*02:174+A*11:02:01G	
A*02:149+A*24:131	A*02:190+A*24:07	
A*02:149+A*68:01:02G	A*02:190+A*68:12	
A*02:149+A*68:01:05	A*02:174+A*68:50	
A*02:151+A*24:121	A*02:188+A*24:02:01G	
A*02:153+A*11:15:01	A*02:202+A*11:34	
A*02:153+A*11:23	A*02:182+A*11:34	
A*02:153+A*11:30	A*02:197+A*11:34	
A*02:153+A*11:33:02	A*02:174+A*11:34	
A*02:153+A*11:41	A*02:273+A*11:34	
A*02:153+A*11:48	A*02:183+A*11:34	
A*02:158+A*24:05	A*02:174+A*24:119	
A*02:158+A*24:17	A*02:246+A*24:119	
A*02:158+A*24:47	A*02:205+A*24:119	
A*02:158+A*24:96	A*02:254+A*24:119	
A*02:158+A*24:133	A*02:182+A*24:119	
A*02:164+A*03:22	A*02:174+A*03:44	
A*02:164+A*03:69N	A*02:226N+A*03:44	
A*02:164+A*03:87	A*02:197+A*03:44	
A*02:165+A*31:11	A*02:202+A*31:45	
A*02:165+A*31:13	A*02:251+A*31:45	
A*02:165+A*31:31	A*02:275+A*31:45	
A*02:165+A*31:36	A*02:257+A*31:45	
A*02:165+A*32:09	A*02:233+A*32:21	
A*02:169+A*03:01:01G	A*02:195+A*03:12	
A*02:169+A*24:104	A*02:195+A*24:50	
A*02:169+A*25:03	A*02:195+A*25:01:01G	
A*02:169+A*34:08	A*02:195+A*34:02	
A*02:170+A*11:43	A*02:243+A*11:72	
A*02:171:01+A*03:01:01G	A*02:171:02+A*03:01:02	
A*02:171:01+A*03:65	A*02:280+A*03:01:02	
A*02:171:01+A*03:69N	A*02:171:02+A*03:65	A*02:280+A*03:01:01G
A*02:171:01+A*11:01:01GN	A*02:280+A*11:24:01	
A*02:171:01+A*11:24:02	A*02:171:02+A*11:24:01	
A*02:171:01+A*24:02:01G	A*02:280+A*24:13:02	
A*02:171:01+A*24:13:01	A*02:171:02+A*24:13:02	
A*02:171:01+A*24:71	A*02:280+A*23:14	
A*02:171:01+A*26:08	A*02:280+A*26:43:02	
A*02:171:01+A*26:43:01	A*02:171:02+A*26:43:02	
A*02:171:01+A*30:02:01G	A*02:171:02+A*30:02:05	
A*02:171:01+A*31:01:02G	A*02:171:02+A*31:01:05	
A*02:171:01+A*32:01:01G	A*02:171:02+A*32:01:06	
A*02:171:01+A*32:22	A*02:280+A*32:01:06	
A*02:171:01+A*33:03:01G	A*02:171:02+A*33:03:05	
A*02:171:01+A*68:02:01G	A*02:171:02+A*68:28	
A*02:171:02+A*11:01:01GN	A*02:280+A*11:24:02	
A*02:171:02+A*11:20	A*02:280+A*11:25	
A*02:171:02+A*26:08	A*02:280+A*26:43:01	
A*02:171:02+A*32:02	A*02:280+A*32:06	
A*02:171:02+A*32:22	A*02:280+A*32:01:01G	
A*02:171:02+A*68:09	A*02:280+A*68:08:02	
A*02:174+A*03:69N	A*02:226N+A*03:22	
A*02:174+A*03:87	A*02:197+A*03:22	
A*02:174+A*11:15:01	A*02:202+A*11:33:02	
A*02:174+A*11:16	A*02:190+A*11:57	
A*02:174+A*11:23	A*02:182+A*11:33:02	
A*02:174+A*11:30	A*02:197+A*11:33:02	
A*02:174+A*11:41	A*02:273+A*11:33:02	
A*02:174+A*11:48	A*02:183+A*11:33:02	
A*02:174+A*24:17	A*02:246+A*24:05	
A*02:174+A*24:47	A*02:205+A*24:05	
A*02:174+A*24:96	A*02:254+A*24:05	
A*02:174+A*24:133	A*02:182+A*24:05	
A*02:174+A*25:01:01G	A*02:190+A*25:05	
A*02:174+A*26:01:01G	A*02:190+A*26:54	
A*02:174+A*68:48	A*02:190+A*68:02:01G	
A*02:178+A*24:69	A*02:278+A*24:121	
A*02:182+A*11:15:01	A*02:202+A*11:23	
A*02:182+A*11:30	A*02:197+A*11:23	
A*02:182+A*11:41	A*02:273+A*11:23	
A*02:182+A*11:48	A*02:183+A*11:23	
A*02:182+A*24:17	A*02:246+A*24:133	
A*02:182+A*24:47	A*02:205+A*24:133	
A*02:182+A*24:96	A*02:254+A*24:133	
A*02:183+A*11:15:01	A*02:202+A*11:48	
A*02:183+A*11:30	A*02:197+A*11:48	
A*02:183+A*11:41	A*02:273+A*11:48	
A*02:187+A*26:50	A*02:210+A*26:41	
A*02:191+A*03:97	A*02:255+A*03:50	
A*02:191+A*31:05	A*02:255+A*31:30	
A*02:197+A*03:69N	A*02:226N+A*03:87	
A*02:197+A*11:15:01	A*02:202+A*11:30	
A*02:197+A*11:41	A*02:273+A*11:30	
A*02:202+A*11:41	A*02:273+A*11:15:01	
A*02:202+A*31:13	A*02:251+A*31:11	
A*02:202+A*31:31	A*02:275+A*31:11	
A*02:202+A*31:36	A*02:257+A*31:11	
A*02:205+A*24:17	A*02:246+A*24:47	
A*02:205+A*24:96	A*02:254+A*24:47	
A*02:208+A*68:19	A*02:237+A*68:24	
A*02:237+A*36:01	A*02:262+A*36:02	
A*02:246+A*24:96	A*02:254+A*24:17	
A*02:251+A*31:31	A*02:275+A*31:13	
A*02:251+A*31:36	A*02:257+A*31:13	
A*02:257+A*31:31	A*02:275+A*31:36	
A*03:01:01G+A*03:02	A*03:07+A*03:65	
A*03:01:01G+A*03:10	A*03:02+A*03:05	
A*03:01:01G+A*03:65	A*03:01:02+A*03:69N	
A*03:01:01G+A*03:66	A*03:01:02+A*03:50	
A*03:01:01G+A*03:76	A*03:02+A*03:47	
A*03:01:01G+A*03:82	A*03:02+A*03:43	
A*03:01:01G+A*03:108	A*03:08+A*03:09	

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A*03:01:01G+A*11:01:01GN	A*03:63+A*11:12	A*03:65+A*11:24:02	A*03:69N+A*11:24:01	
A*03:01:01G+A*11:01:17	A*03:01:16+A*11:01:01GN			
A*03:01:01G+A*11:06	A*03:09+A*11:01:01GN			
A*03:01:01G+A*11:08	A*03:66+A*11:25			
A*03:01:01G+A*11:10	A*03:24+A*11:01:01GN			
A*03:01:01G+A*11:17	A*03:107+A*11:01:01GN			
A*03:01:01G+A*11:18	A*03:108+A*11:12			
A*03:01:01G+A*11:19	A*03:08+A*11:01:01GN			
A*03:01:01G+A*11:20	A*03:65+A*11:25			
A*03:01:01G+A*11:24:01	A*03:01:02+A*11:24:02			
A*03:01:01G+A*11:27	A*03:97+A*11:04			
A*03:01:01G+A*11:30	A*03:87+A*11:01:01GN			
A*03:01:01G+A*11:31	A*03:07+A*11:25			
A*03:01:01G+A*11:33:01	A*03:22+A*11:01:07			
A*03:01:01G+A*11:33:02	A*03:22+A*11:01:01GN			
A*03:01:01G+A*11:38	A*03:97+A*11:02:01G			
A*03:01:01G+A*11:39	A*03:97+A*11:01:01GN			
A*03:01:01G+A*11:40	A*03:41+A*11:12	A*03:57+A*11:19		
A*03:01:01G+A*11:44	A*03:50+A*11:24:01	A*03:66+A*11:24:02		
A*03:01:01G+A*11:60	A*03:07+A*11:03			
A*03:01:01G+A*11:75	A*03:58+A*11:01:01GN			
A*03:01:01G+A*23:01:01G	A*03:08+A*23:13	A*03:17+A*23:03:02	A*03:97+A*23:04	
A*03:01:01G+A*23:02	A*03:50+A*23:01:01G			
A*03:01:01G+A*23:03:01	A*03:01:18+A*23:03:02			
A*03:01:01G+A*23:04	A*03:42+A*24:18			
A*03:01:01G+A*23:05	A*03:59+A*23:01:01G			
A*03:01:01G+A*23:12	A*03:09+A*23:01:01G	A*03:108+A*23:13		
A*03:01:01G+A*23:24	A*03:54+A*23:01:01G			
A*03:01:01G+A*23:25	A*03:04+A*23:01:01G			
A*03:01:01G+A*23:29	A*03:71+A*23:01:01G			
A*03:01:01G+A*24:02:01G	A*03:07+A*24:56	A*03:08+A*24:07	A*03:15+A*24:53	A*03:17+A*24:21:01
	A*03:65+A*24:13:01	A*03:69N+A*24:13:02	A*03:72+A*24:104	A*03:97+A*24:03:01G
A*03:01:01G+A*24:02:09	A*03:01:14+A*24:02:01G			
A*03:01:01G+A*24:02:14	A*03:01:16+A*24:02:01G			
A*03:01:01G+A*24:02:18	A*03:97+A*24:03:02			
A*03:01:01G+A*24:02:29	A*03:01:20+A*24:02:01G			
A*03:01:01G+A*24:03:01G	A*03:10+A*24:18			
A*03:01:01G+A*24:05	A*03:22+A*24:02:01G			
A*03:01:01G+A*24:06	A*03:50+A*24:13:01			
A*03:01:01G+A*24:13:02	A*03:01:02+A*24:13:01			
A*03:01:01G+A*24:15	A*03:56+A*24:53	A*03:75+A*24:92		
A*03:01:01G+A*24:20	A*03:72+A*24:88			
A*03:01:01G+A*24:25	A*03:59+A*24:02:01G			
A*03:01:01G+A*24:30	A*03:09+A*24:02:01G	A*03:108+A*24:07		
A*03:01:01G+A*24:41	A*03:56+A*24:17			
A*03:01:01G+A*24:44	A*03:08+A*24:19			
A*03:01:01G+A*24:46	A*03:97+A*24:10			
A*03:01:01G+A*24:50	A*03:12+A*24:104			
A*03:01:01G+A*24:62	A*03:103+A*24:17			
A*03:01:01G+A*24:66	A*03:43+A*24:17			
A*03:01:01G+A*24:71	A*03:69N+A*23:14			
A*03:01:01G+A*24:72	A*03:54+A*24:02:01G			
A*03:01:01G+A*24:84N	A*03:11N+A*24:02:01G			
A*03:01:01G+A*24:87	A*03:01:02+A*24:06	A*03:50+A*24:13:02	A*03:66+A*24:13:01	
A*03:01:01G+A*24:101	A*03:14+A*24:02:01G			
A*03:01:01G+A*24:109	A*03:57+A*24:44	A*03:63+A*24:04		
A*03:01:01G+A*24:113	A*03:53+A*24:02:01G			
A*03:01:01G+A*24:114	A*03:28+A*24:02:01G			
A*03:01:01G+A*24:120	A*03:15+A*24:57			
A*03:01:01G+A*24:128	A*03:71+A*24:02:01G			
A*03:01:01G+A*25:01:01G	A*03:08+A*25:02	A*03:12+A*25:03	A*03:56+A*25:10	A*03:63+A*25:13
	A*32:04+A*66:01:01G			
A*03:01:01G+A*25:08	A*03:79+A*25:01:01G			
A*03:01:01G+A*25:11	A*03:09+A*25:01:01G	A*03:108+A*25:02		
A*03:01:01G+A*25:13	A*32:04+A*66:12			
A*03:01:01G+A*26:01:01G	A*03:08+A*26:13	A*03:41+A*66:12	A*03:50+A*26:43:01	A*03:57+A*66:05
A*03:01:01G+A*26:01:12	A*03:01:16+A*26:01:01G			
A*03:01:01G+A*26:03:01	A*03:09+A*66:05	A*03:63+A*26:30	A*03:108+A*66:01:01G	
A*03:01:01G+A*26:06	A*03:80+A*26:03:01			
A*03:01:01G+A*26:07:02	A*03:01:03+A*26:07:01			
A*03:01:01G+A*26:08	A*03:65+A*26:43:01	A*03:69N+A*26:43:02		
A*03:01:01G+A*26:10	A*03:17+A*26:01:01G			
A*03:01:01G+A*26:12	A*03:07+A*26:01:01G			
A*03:01:01G+A*26:13	A*03:57+A*66:01:01G			
A*03:01:01G+A*26:18	A*03:07+A*26:28			
A*03:01:01G+A*26:29	A*03:97+A*26:15			
A*03:01:01G+A*26:30	A*03:108+A*66:12			
A*03:01:01G+A*26:36	A*03:09+A*26:01:01G	A*03:57+A*26:03:01	A*03:108+A*26:13	
A*03:01:01G+A*26:43:02	A*03:01:02+A*26:43:01			
A*03:01:01G+A*26:47	A*03:79+A*26:01:01G			
A*03:01:01G+A*26:49	A*03:97+A*26:01:01G			
A*03:01:01G+A*29:01:01G	A*03:01:18+A*29:01:02			
A*03:01:01G+A*29:02:01G	A*03:22+A*29:09			
A*03:01:01G+A*29:03	A*03:97+A*29:02:01G			
A*03:01:01G+A*29:16	A*03:27+A*29:01:01G			
A*03:01:01G+A*29:20	A*03:08+A*29:01:01G			
A*03:01:01G+A*29:25	A*03:33+A*29:02:01G			
A*03:01:01G+A*30:01:01G	A*03:43+A*30:26			
A*03:01:01G+A*30:02:01G	A*03:08+A*30:25			
A*03:01:01G+A*30:02:05	A*03:01:02+A*30:02:01G			
A*03:01:01G+A*30:07	A*03:30+A*30:02:01G			
A*03:01:01G+A*30:16	A*03:09+A*30:01:01G			
A*03:01:01G+A*30:19	A*03:92+A*30:01:01G			
A*03:01:01G+A*30:30	A*03:53+A*30:01:01G			
A*03:01:01G+A*30:43	A*03:98+A*30:01:01G			
A*03:01:01G+A*30:44	A*03:08+A*30:16	A*03:108+A*30:01:01G		
A*03:01:01G+A*30:46	A*03:108+A*30:17			
A*03:01:01G+A*31:01:02G	A*03:103+A*31:06			
A*03:01:01G+A*31:01:05	A*03:01:02+A*31:01:02G			
A*03:01:01G+A*31:03	A*03:63+A*31:04			
A*03:01:01G+A*31:05	A*03:97+A*31:01:02G			
A*03:01:01G+A*31:19	A*03:52+A*31:01:02G			
A*03:01:01G+A*31:25	A*03:105+A*31:01:02G			
A*03:01:01G+A*31:30	A*03:50+A*31:01:02G			
A*03:01:01G+A*32:01:01G	A*03:08+A*32:17	A*03:103+A*32:30	A*32:04+A*74:13	

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A*03:01:01G+A*32:01:06	A*03:01:02+A*32:01:01G		
A*03:01:01G+A*32:02	A*03:65+A*32:06		
A*03:01:01G+A*32:07	A*03:72+A*32:01:01G		
A*03:01:01G+A*32:08	A*03:09+A*32:01:01G	A*03:108+A*32:17	
A*03:01:01G+A*32:13	A*03:97+A*32:01:01G		
A*03:01:01G+A*32:15	A*03:24+A*32:01:01G		
A*03:01:01G+A*32:22	A*03:65+A*32:01:01G	A*03:69N+A*32:01:06	
A*03:01:01G+A*32:26	A*03:105+A*32:01:01G		
A*03:01:01G+A*33:01:01	A*03:01:18+A*33:01:05	A*03:22+A*33:34	A*03:104+A*33:03:01G
A*03:01:01G+A*33:01:02	A*03:01:03+A*33:01:01		
A*03:01:01G+A*33:03:01G	A*03:103+A*33:18		
A*03:01:01G+A*33:03:05	A*03:01:02+A*33:03:01G		
A*03:01:01G+A*33:04	A*03:104+A*33:33		
A*03:01:01G+A*33:06	A*03:71+A*33:03:01G		
A*03:01:01G+A*33:10	A*03:97+A*33:03:01G		
A*03:01:01G+A*33:12	A*03:83+A*33:03:01G		
A*03:01:01G+A*33:24	A*03:09+A*33:11		
A*03:01:01G+A*33:32	A*03:17+A*33:01:05		
A*03:01:01G+A*34:02	A*03:12+A*34:08	A*03:63+A*34:09	
A*03:01:01G+A*34:05	A*03:94+A*34:01:01		
A*03:01:01G+A*36:03	A*03:75+A*36:01		
A*03:01:01G+A*66:01:01G	A*03:63+A*66:12		
A*03:01:01G+A*66:03	A*03:08+A*66:02		
A*03:01:01G+A*66:04	A*03:104+A*66:01:01G		
A*03:01:01G+A*66:05	A*03:08+A*66:01:01G		
A*03:01:01G+A*66:10	A*03:97+A*66:01:01G		
A*03:01:01G+A*68:01:01G	A*03:07+A*68:42		
A*03:01:01G+A*68:01:02G	A*03:05+A*68:19	A*03:24+A*68:66	A*03:50+A*68:08:02
A*03:01:01G+A*68:02:01G	A*03:07+A*68:54		
A*03:01:01G+A*68:03:01	A*03:08+A*68:01:02G		
A*03:01:01G+A*68:03:02	A*03:01:12+A*68:03:01		
A*03:01:01G+A*68:03:03	A*03:08+A*68:01:01G		
A*03:01:01G+A*68:05	A*03:09+A*68:03:01	A*03:108+A*68:01:02G	
A*03:01:01G+A*68:06	A*03:43+A*68:01:02G		
A*03:01:01G+A*68:09	A*03:65+A*68:08:02		
A*03:01:01G+A*68:15	A*03:09+A*68:31	A*03:108+A*68:02:01G	
A*03:01:01G+A*68:21	A*03:04+A*68:01:02G		
A*03:01:01G+A*68:28	A*03:01:02+A*68:02:01G		
A*03:01:01G+A*68:31	A*03:08+A*68:02:01G		
A*03:01:01G+A*68:34	A*03:98+A*68:02:01G		
A*03:01:01G+A*68:42	A*03:50+A*68:63		
A*03:01:01G+A*68:56	A*03:100+A*68:01:01G		
A*03:01:01G+A*68:65	A*03:97+A*68:01:02G		
A*03:01:01G+A*74:01:01G	A*03:08+A*74:13		
A*03:01:01G+A*74:03	A*03:110+A*74:01:01G		
A*03:01:01G+A*74:04	A*03:23+A*74:01:01G		
A*03:01:01G+A*74:06	A*03:09+A*74:01:01G	A*03:108+A*74:13	
A*03:01:01G+A*74:10	A*03:41+A*74:13		
A*03:01:02+A*11:01:01GN	A*03:65+A*11:24:01		
A*03:01:02+A*11:44	A*03:66+A*11:24:01		
A*03:01:02+A*23:01:01G	A*03:22+A*23:14		
A*03:01:02+A*23:02	A*03:66+A*23:01:01G		
A*03:01:02+A*24:02:01G	A*03:65+A*24:13:02		
A*03:01:02+A*24:71	A*03:65+A*23:14		
A*03:01:02+A*24:87	A*03:66+A*24:13:02		
A*03:01:02+A*26:01:01G	A*03:50+A*26:43:02	A*03:66+A*26:43:01	
A*03:01:02+A*26:08	A*03:65+A*26:43:02		
A*03:01:02+A*30:07	A*03:30+A*30:02:05		
A*03:01:02+A*31:05	A*03:97+A*31:01:05		
A*03:01:02+A*31:19	A*03:52+A*31:01:05		
A*03:01:02+A*31:25	A*03:105+A*31:01:05		
A*03:01:02+A*31:30	A*03:50+A*31:01:05	A*03:66+A*31:01:02G	
A*03:01:02+A*32:07	A*03:72+A*32:01:06		
A*03:01:02+A*32:08	A*03:09+A*32:01:06		
A*03:01:02+A*32:13	A*03:97+A*32:01:06		
A*03:01:02+A*32:15	A*03:24+A*32:01:06		
A*03:01:02+A*32:22	A*03:65+A*32:01:06		
A*03:01:02+A*32:26	A*03:105+A*32:01:06		
A*03:01:02+A*33:01:01	A*03:104+A*33:03:05		
A*03:01:02+A*33:06	A*03:71+A*33:03:05		
A*03:01:02+A*33:10	A*03:97+A*33:03:05		
A*03:01:02+A*33:12	A*03:83+A*33:03:05		
A*03:01:02+A*68:01:01G	A*03:50+A*68:08:01		
A*03:01:02+A*68:01:02G	A*03:66+A*68:08:02		
A*03:01:02+A*68:15	A*03:108+A*68:28		
A*03:01:02+A*68:31	A*03:08+A*68:28		
A*03:01:02+A*68:34	A*03:98+A*68:28		
A*03:01:02+A*68:42	A*03:66+A*68:63		
A*03:01:12+A*26:01:01G	A*03:12+A*26:20		
A*03:01:12+A*26:16	A*03:72+A*26:20		
A*03:01:12+A*68:05	A*03:09+A*68:03:02		
A*03:01:14+A*24:02:14	A*03:01:16+A*24:02:09		
A*03:01:14+A*24:02:29	A*03:01:20+A*24:02:09		
A*03:01:14+A*24:05	A*03:22+A*24:02:09		
A*03:01:14+A*24:25	A*03:59+A*24:02:09		
A*03:01:14+A*24:30	A*03:09+A*24:02:09		
A*03:01:14+A*24:72	A*03:54+A*24:02:09		
A*03:01:14+A*24:84N	A*03:11N+A*24:02:09		
A*03:01:14+A*24:101	A*03:14+A*24:02:09		
A*03:01:14+A*24:113	A*03:53+A*24:02:09		
A*03:01:14+A*24:114	A*03:28+A*24:02:09		
A*03:01:14+A*24:128	A*03:71+A*24:02:09		
A*03:01:16+A*11:06	A*03:09+A*11:01:17		
A*03:01:16+A*11:10	A*03:24+A*11:01:17		
A*03:01:16+A*11:17	A*03:107+A*11:01:17		
A*03:01:16+A*11:19	A*03:08+A*11:01:17		
A*03:01:16+A*11:30	A*03:87+A*11:01:17		
A*03:01:16+A*11:33:02	A*03:22+A*11:01:17		
A*03:01:16+A*11:39	A*03:97+A*11:01:17		
A*03:01:16+A*11:75	A*03:58+A*11:01:17		
A*03:01:16+A*24:02:29	A*03:01:20+A*24:02:14		
A*03:01:16+A*24:05	A*03:22+A*24:02:14		
A*03:01:16+A*24:25	A*03:59+A*24:02:14		
A*03:01:16+A*24:30	A*03:09+A*24:02:14		
A*03:01:16+A*24:72	A*03:54+A*24:02:14		

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A*03:01:16+A*24:84N	A*03:11N+A*24:02:14		
A*03:01:16+A*24:101	A*03:14+A*24:02:14		
A*03:01:16+A*24:113	A*03:53+A*24:02:14		
A*03:01:16+A*24:114	A*03:28+A*24:02:14		
A*03:01:16+A*24:128	A*03:71+A*24:02:14		
A*03:01:16+A*26:10	A*03:17+A*26:01:12		
A*03:01:16+A*26:12	A*03:07+A*26:01:12		
A*03:01:16+A*26:36	A*03:09+A*26:01:12		
A*03:01:16+A*26:47	A*03:79+A*26:01:12		
A*03:01:16+A*26:49	A*03:97+A*26:01:12		
A*03:01:18+A*23:01:01G	A*03:17+A*23:03:01		
A*03:01:18+A*32:28	A*03:17+A*32:01:01G		
A*03:01:18+A*33:32	A*03:17+A*33:01:01		
A*03:01:20+A*24:05	A*03:22+A*24:02:29		
A*03:01:20+A*24:25	A*03:59+A*24:02:29		
A*03:01:20+A*24:30	A*03:09+A*24:02:29		
A*03:01:20+A*24:72	A*03:54+A*24:02:29		
A*03:01:20+A*24:84N	A*03:11N+A*24:02:29		
A*03:01:20+A*24:101	A*03:14+A*24:02:29		
A*03:01:20+A*24:113	A*03:53+A*24:02:29		
A*03:01:20+A*24:114	A*03:28+A*24:02:29		
A*03:01:20+A*24:128	A*03:71+A*24:02:29		
A*03:02+A*11:03	A*03:65+A*11:60		
A*03:02+A*11:24:02	A*03:07+A*11:01:01GN		
A*03:02+A*11:25	A*03:07+A*11:20	A*03:65+A*11:31	
A*03:02+A*24:13:01	A*03:07+A*24:02:01G		
A*03:02+A*24:34	A*03:32+A*24:07		
A*03:02+A*24:56	A*03:65+A*24:02:01G		
A*03:02+A*24:66	A*03:82+A*24:17		
A*03:02+A*26:01:01G	A*03:65+A*26:12		
A*03:02+A*26:28	A*03:65+A*26:18		
A*03:02+A*26:43:01	A*03:07+A*26:08		
A*03:02+A*30:01:01G	A*03:82+A*30:26		
A*03:02+A*32:01:01G	A*03:07+A*32:22		
A*03:02+A*32:06	A*03:07+A*32:02		
A*03:02+A*32:10	A*03:50+A*32:02		
A*03:02+A*66:15	A*03:32+A*66:01:01G		
A*03:02+A*68:01:02G	A*03:10+A*68:19		
A*03:02+A*68:04	A*03:32+A*68:01:01G		
A*03:02+A*68:06	A*03:82+A*68:01:02G		
A*03:02+A*68:08:02	A*03:07+A*68:09		
A*03:02+A*68:42	A*03:65+A*68:01:01G		
A*03:02+A*68:54	A*03:65+A*68:02:01G	A*03:69N+A*68:28	
A*03:02+A*68:63	A*03:69N+A*68:08:01		
A*03:02+A*74:07	A*03:32+A*74:13		
A*03:04+A*23:02	A*03:50+A*23:25		
A*03:04+A*23:05	A*03:59+A*23:25		
A*03:04+A*23:12	A*03:09+A*23:25		
A*03:04+A*23:24	A*03:54+A*23:25		
A*03:04+A*23:29	A*03:71+A*23:25		
A*03:04+A*68:03:01	A*03:08+A*68:21		
A*03:04+A*68:05	A*03:108+A*68:21		
A*03:04+A*68:06	A*03:43+A*68:21		
A*03:04+A*68:65	A*03:97+A*68:21		
A*03:05+A*03:76	A*03:10+A*03:47		
A*03:05+A*03:82	A*03:10+A*03:43		
A*03:07+A*11:08	A*03:66+A*11:31		
A*03:07+A*26:10	A*03:17+A*26:12		
A*03:07+A*26:36	A*03:09+A*26:12		
A*03:07+A*26:47	A*03:79+A*26:12		
A*03:07+A*26:49	A*03:97+A*26:12		
A*03:07+A*32:10	A*03:50+A*32:06		
A*03:07+A*66:01:01G	A*03:50+A*66:06		
A*03:08+A*11:06	A*03:09+A*11:19	A*03:63+A*11:18	A*03:108+A*11:01:01GN
A*03:08+A*11:10	A*03:24+A*11:19		
A*03:08+A*11:17	A*03:107+A*11:19		
A*03:08+A*11:30	A*03:87+A*11:19		
A*03:08+A*11:33:02	A*03:22+A*11:19		
A*03:08+A*11:39	A*03:97+A*11:19		
A*03:08+A*11:75	A*03:58+A*11:19		
A*03:08+A*23:12	A*03:108+A*23:01:01G		
A*03:08+A*24:30	A*03:108+A*24:02:01G		
A*03:08+A*25:01:01G	A*32:04+A*66:05		
A*03:08+A*25:11	A*03:108+A*25:01:01G	A*26:03:01+A*32:04	
A*03:08+A*26:03:01	A*03:108+A*66:05		
A*03:08+A*26:36	A*03:41+A*26:30	A*03:108+A*26:01:01G	
A*03:08+A*29:16	A*03:27+A*29:20		
A*03:08+A*32:01:01G	A*32:04+A*74:01:01G		
A*03:08+A*32:08	A*03:108+A*32:01:01G	A*32:04+A*74:06	
A*03:08+A*33:13	A*03:41+A*33:11		
A*03:08+A*33:24	A*03:108+A*33:11		
A*03:08+A*66:04	A*03:104+A*66:05		
A*03:08+A*66:10	A*03:97+A*66:05		
A*03:08+A*68:05	A*03:108+A*68:03:01		
A*03:08+A*68:06	A*03:43+A*68:03:01		
A*03:08+A*68:15	A*03:108+A*68:31		
A*03:08+A*68:34	A*03:98+A*68:31		
A*03:08+A*68:56	A*03:100+A*68:03:03		
A*03:08+A*68:65	A*03:97+A*68:03:01		
A*03:08+A*74:06	A*03:108+A*74:01:01G		
A*03:08+A*74:10	A*03:41+A*74:01:01G		
A*03:09+A*11:10	A*03:24+A*11:06		
A*03:09+A*11:17	A*03:107+A*11:06		
A*03:09+A*11:30	A*03:87+A*11:06		
A*03:09+A*11:33:02	A*03:22+A*11:06		
A*03:09+A*11:39	A*03:97+A*11:06		
A*03:09+A*11:75	A*03:58+A*11:06		
A*03:09+A*23:02	A*03:50+A*23:12		
A*03:09+A*23:05	A*03:59+A*23:12		
A*03:09+A*23:24	A*03:54+A*23:12		
A*03:09+A*23:29	A*03:71+A*23:12		
A*03:09+A*24:04	A*03:57+A*24:28		
A*03:09+A*24:05	A*03:22+A*24:30		
A*03:09+A*24:25	A*03:59+A*24:30		
A*03:09+A*24:44	A*03:63+A*24:28	A*03:108+A*24:19	

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A*03:09+A*24:72	A*03:54+A*24:30
A*03:09+A*24:84N	A*03:11N+A*24:30
A*03:09+A*24:101	A*03:14+A*24:30
A*03:09+A*24:113	A*03:53+A*24:30
A*03:09+A*24:114	A*03:28+A*24:30
A*03:09+A*24:128	A*03:71+A*24:30
A*03:09+A*25:08	A*03:79+A*25:11
A*03:09+A*26:10	A*03:17+A*26:36
A*03:09+A*26:47	A*03:79+A*26:36
A*03:09+A*26:49	A*03:97+A*26:36
A*03:09+A*29:20	A*03:108+A*29:01:01G
A*03:09+A*30:02:01G	A*03:108+A*30:25
A*03:09+A*30:19	A*03:92+A*30:16
A*03:09+A*30:30	A*03:53+A*30:16
A*03:09+A*30:43	A*03:98+A*30:16
A*03:09+A*30:44	A*03:108+A*30:16
A*03:09+A*32:07	A*03:72+A*32:08
A*03:09+A*32:13	A*03:97+A*32:08
A*03:09+A*32:15	A*03:24+A*32:08
A*03:09+A*32:22	A*03:65+A*32:08
A*03:09+A*32:26	A*03:105+A*32:08
A*03:09+A*66:03	A*03:108+A*66:02
A*03:09+A*68:03:03	A*03:108+A*68:01:01G
A*03:09+A*74:03	A*03:110+A*74:06
A*03:09+A*74:04	A*03:23+A*74:06
A*03:10+A*23:01:01G	A*03:42+A*24:02:01G
A*03:10+A*23:01:04	A*03:42+A*24:02:24
A*03:10+A*23:03:02	A*03:42+A*24:21:01
A*03:10+A*23:04	A*03:42+A*24:03:01G
A*03:10+A*23:05	A*03:42+A*24:25
A*03:10+A*23:10	A*03:42+A*24:46
A*03:10+A*23:12	A*03:42+A*24:30
A*03:10+A*23:13	A*03:42+A*24:07
A*03:10+A*23:24	A*03:42+A*24:72
A*03:10+A*23:28	A*03:42+A*24:77
A*03:10+A*23:29	A*03:42+A*24:128
A*03:11N+A*24:05	A*03:22+A*24:84N
A*03:11N+A*24:25	A*03:59+A*24:84N
A*03:11N+A*24:72	A*03:54+A*24:84N
A*03:11N+A*24:101	A*03:14+A*24:84N
A*03:11N+A*24:113	A*03:53+A*24:84N
A*03:11N+A*24:114	A*03:28+A*24:84N
A*03:11N+A*24:128	A*03:71+A*24:84N
A*03:12+A*24:02:01G	A*03:72+A*24:50
A*03:12+A*26:16	A*03:72+A*26:01:01G
A*03:12+A*68:45	A*03:72+A*68:01:01G
A*03:14+A*24:05	A*03:22+A*24:101
A*03:14+A*24:25	A*03:59+A*24:101
A*03:14+A*24:72	A*03:54+A*24:101
A*03:14+A*24:113	A*03:53+A*24:101
A*03:14+A*24:114	A*03:28+A*24:101
A*03:14+A*24:128	A*03:71+A*24:101
A*03:15+A*24:02:01G	A*03:19+A*24:17
A*03:15+A*24:15	A*03:56+A*24:02:01G
A*03:17+A*26:47	A*03:79+A*26:10
A*03:17+A*26:49	A*03:97+A*26:10
A*03:22+A*11:10	A*03:24+A*11:33:02
A*03:22+A*11:17	A*03:107+A*11:33:02
A*03:22+A*11:30	A*03:87+A*11:33:02
A*03:22+A*11:39	A*03:97+A*11:33:02
A*03:22+A*11:75	A*03:58+A*11:33:02
A*03:22+A*24:25	A*03:59+A*24:05
A*03:22+A*24:71	A*03:65+A*23:01:01G
A*03:22+A*24:72	A*03:54+A*24:05
A*03:22+A*24:113	A*03:53+A*24:05
A*03:22+A*24:114	A*03:28+A*24:05
A*03:22+A*24:128	A*03:71+A*24:05
A*03:23+A*26:01:01G	A*03:24+A*26:07:02
A*03:23+A*33:03:01G	A*03:24+A*33:08
A*03:23+A*33:21	A*03:30+A*33:09
A*03:23+A*74:03	A*03:110+A*74:04
A*03:24+A*11:17	A*03:107+A*11:10
A*03:24+A*11:30	A*03:87+A*11:10
A*03:24+A*11:39	A*03:97+A*11:10
A*03:24+A*11:75	A*03:58+A*11:10
A*03:24+A*23:13	A*03:30+A*24:24
A*03:24+A*24:02:01G	A*03:30+A*24:67
A*03:24+A*32:07	A*03:72+A*32:15
A*03:24+A*32:13	A*03:97+A*32:15
A*03:24+A*32:22	A*03:65+A*32:15
A*03:24+A*32:26	A*03:105+A*32:15
A*03:28+A*24:25	A*03:59+A*24:114
A*03:28+A*24:72	A*03:54+A*24:114
A*03:28+A*24:113	A*03:53+A*24:114
A*03:28+A*24:128	A*03:71+A*24:114
A*03:32+A*68:42	A*03:65+A*68:04
A*03:33+A*29:03	A*03:97+A*29:25
A*03:41+A*11:01:01GN	A*03:63+A*11:40
A*03:41+A*11:18	A*03:108+A*11:40
A*03:41+A*24:19	A*03:63+A*24:109
A*03:41+A*24:28	A*03:108+A*24:109
A*03:41+A*24:32	A*24:109+A*32:04
A*03:41+A*25:13	A*26:01:01G+A*32:04
A*03:41+A*32:01:01G	A*32:04+A*74:10
A*03:41+A*33:24	A*03:108+A*33:13
A*03:41+A*66:01:01G	A*03:63+A*26:01:01G
A*03:41+A*66:09	A*03:63+A*26:22
A*03:41+A*66:10	A*03:63+A*26:49
A*03:41+A*74:06	A*03:108+A*74:10
A*03:43+A*03:76	A*03:47+A*03:82
A*03:43+A*24:41	A*03:56+A*24:66
A*03:43+A*24:62	A*03:103+A*24:66
A*03:43+A*68:05	A*03:108+A*68:06
A*03:43+A*68:65	A*03:97+A*68:06
A*03:50+A*03:65	A*03:66+A*03:69N

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A*03:50+A*11:01:01GN	A*03:69N+A*11:44			
A*03:50+A*11:20	A*03:69N+A*11:08			
A*03:50+A*23:05	A*03:59+A*23:02			
A*03:50+A*23:24	A*03:54+A*23:02			
A*03:50+A*23:29	A*03:71+A*23:02			
A*03:50+A*24:02:01G	A*03:65+A*24:06	A*03:69N+A*24:87		
A*03:50+A*24:87	A*03:66+A*24:06			
A*03:50+A*25:04	A*03:65+A*25:01:01G			
A*03:50+A*26:08	A*03:65+A*26:01:01G			
A*03:50+A*30:02:05	A*03:66+A*30:02:01G			
A*03:50+A*31:05	A*03:97+A*31:30			
A*03:50+A*31:19	A*03:52+A*31:30			
A*03:50+A*31:25	A*03:105+A*31:30			
A*03:50+A*32:01:06	A*03:66+A*32:01:01G			
A*03:50+A*33:03:05	A*03:66+A*33:03:01G			
A*03:50+A*68:09	A*03:65+A*68:01:02G			
A*03:50+A*68:28	A*03:66+A*68:02:01G			
A*03:52+A*31:05	A*03:97+A*31:19			
A*03:52+A*31:25	A*03:105+A*31:19			
A*03:53+A*24:25	A*03:59+A*24:113			
A*03:53+A*24:72	A*03:54+A*24:113			
A*03:53+A*24:128	A*03:71+A*24:113			
A*03:53+A*30:19	A*03:92+A*30:30			
A*03:53+A*30:43	A*03:98+A*30:30			
A*03:53+A*30:44	A*03:108+A*30:30			
A*03:54+A*23:05	A*03:59+A*23:24			
A*03:54+A*23:29	A*03:71+A*23:24			
A*03:54+A*24:25	A*03:59+A*24:72			
A*03:54+A*24:128	A*03:71+A*24:72			
A*03:56+A*24:62	A*03:103+A*24:41			
A*03:57+A*25:01:01G	A*26:13+A*32:04			
A*03:57+A*26:06	A*03:80+A*26:36			
A*03:57+A*29:19	A*03:108+A*29:02:01G			
A*03:57+A*32:24	A*03:107+A*32:17			
A*03:57+A*66:04	A*03:104+A*26:13			
A*03:57+A*66:10	A*03:97+A*26:13			
A*03:58+A*11:17	A*03:107+A*11:75			
A*03:58+A*11:30	A*03:87+A*11:75			
A*03:58+A*11:39	A*03:97+A*11:75			
A*03:59+A*23:29	A*03:71+A*23:05			
A*03:59+A*24:128	A*03:71+A*24:25			
A*03:63+A*24:32	A*24:19+A*32:04			
A*03:65+A*11:08	A*03:66+A*11:20			
A*03:65+A*11:44	A*03:66+A*11:01:01GN			
A*03:65+A*24:87	A*03:66+A*24:02:01G			
A*03:65+A*30:02:01G	A*03:69N+A*30:02:05			
A*03:65+A*31:01:02G	A*03:69N+A*31:01:05			
A*03:65+A*32:07	A*03:72+A*32:22			
A*03:65+A*32:13	A*03:97+A*32:22			
A*03:65+A*32:26	A*03:105+A*32:22			
A*03:65+A*33:03:01G	A*03:69N+A*33:03:05			
A*03:71+A*33:01:01	A*03:104+A*33:06			
A*03:71+A*33:10	A*03:97+A*33:06			
A*03:71+A*33:12	A*03:83+A*33:06			
A*03:72+A*32:13	A*03:97+A*32:07			
A*03:72+A*32:26	A*03:105+A*32:07			
A*03:79+A*26:49	A*03:97+A*26:47			
A*03:83+A*33:01:01	A*03:104+A*33:12			
A*03:83+A*33:10	A*03:97+A*33:12			
A*03:87+A*11:17	A*03:107+A*11:30			
A*03:87+A*11:39	A*03:97+A*11:30			
A*03:92+A*30:43	A*03:98+A*30:19			
A*03:92+A*30:44	A*03:108+A*30:19			
A*03:97+A*11:17	A*03:107+A*11:39			
A*03:97+A*25:01:01G	A*32:04+A*66:10			
A*03:97+A*26:03:01	A*03:108+A*66:10			
A*03:97+A*31:25	A*03:105+A*31:05			
A*03:97+A*32:26	A*03:105+A*32:13			
A*03:97+A*33:01:01	A*03:104+A*33:10			
A*03:97+A*66:04	A*03:104+A*66:10			
A*03:97+A*68:05	A*03:108+A*68:65			
A*03:98+A*24:46	A*03:105+A*24:143			
A*03:98+A*26:01:01G	A*03:105+A*26:04			
A*03:98+A*30:44	A*03:108+A*30:43			
A*03:98+A*68:15	A*03:108+A*68:34			
A*03:104+A*25:01:01G	A*32:04+A*66:04			
A*03:104+A*26:03:01	A*03:108+A*66:04			
A*03:108+A*24:32	A*24:28+A*32:04			
A*03:108+A*25:13	A*26:30+A*32:04			
A*11:01:01GN+A*11:08	A*11:20+A*11:44			
A*11:01:01GN+A*11:16	A*11:02:01G+A*11:73			
A*11:01:01GN+A*11:25	A*11:20+A*11:24:02			
A*11:01:01GN+A*11:27	A*11:04+A*11:39			
A*11:01:01GN+A*11:33:01	A*11:01:07+A*11:33:02			
A*11:01:01GN+A*11:38	A*11:02:01G+A*11:39			
A*11:01:01GN+A*23:01:01G	A*11:04+A*23:10	A*11:19+A*23:13	A*11:39+A*23:04	
A*11:01:01GN+A*23:12	A*11:06+A*23:01:01G			
A*11:01:01GN+A*23:14	A*11:24:01+A*24:71			
A*11:01:01GN+A*24:02:01G	A*11:01:07+A*24:02:02 A*11:39+A*24:03:01G	A*11:04+A*24:46	A*11:19+A*24:07	A*11:27+A*24:10
A*11:01:01GN+A*24:02:14	A*11:01:17+A*24:02:01G			
A*11:01:01GN+A*24:02:18	A*11:39+A*24:03:02			
A*11:01:01GN+A*24:02:35	A*11:01:05+A*24:02:01G			
A*11:01:01GN+A*24:03:01G	A*11:04+A*24:10			
A*11:01:01GN+A*24:04	A*11:12+A*24:109			
A*11:01:01GN+A*24:05	A*11:33:01+A*24:02:02	A*11:33:02+A*24:02:01G		
A*11:01:01GN+A*24:13:01	A*11:24:02+A*24:02:01G	A*11:31+A*24:59		
A*11:01:01GN+A*24:13:02	A*11:24:01+A*24:02:01G			
A*11:01:01GN+A*24:28	A*11:18+A*24:19			
A*11:01:01GN+A*24:30	A*11:06+A*24:02:01G			
A*11:01:01GN+A*24:35	A*11:37+A*24:02:01G			
A*11:01:01GN+A*24:39	A*11:66+A*24:02:01G			
A*11:01:01GN+A*24:44	A*11:19+A*24:19			
A*11:01:01GN+A*24:46	A*11:39+A*24:10			
A*11:01:01GN+A*24:53	A*11:26+A*24:51			

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A*11:01:01GN+A*24:56	A*11:20+A*24:59		
A*11:01:01GN+A*24:57	A*11:26+A*24:92		
A*11:01:01GN+A*24:63	A*11:02:01G+A*24:02:01G	A*11:38+A*24:03:01G	
A*11:01:01GN+A*24:71	A*11:60+A*24:59		
A*11:01:01GN+A*24:78	A*11:68+A*24:02:01G		
A*11:01:01GN+A*24:82	A*11:43+A*24:50		
A*11:01:01GN+A*24:87	A*11:44+A*24:02:01G		
A*11:01:01GN+A*24:109	A*11:40+A*24:19		
A*11:01:01GN+A*24:131	A*11:73+A*24:07		
A*11:01:01GN+A*24:133	A*11:23+A*24:02:01G		
A*11:01:01GN+A*24:142	A*11:71+A*24:02:01G		
A*11:01:01GN+A*25:01:01G	A*11:19+A*25:02		
A*11:01:01GN+A*25:06	A*11:04+A*25:01:01G		
A*11:01:01GN+A*25:11	A*11:06+A*25:01:01G		
A*11:01:01GN+A*25:13	A*11:12+A*25:01:01G		
A*11:01:01GN+A*26:01:01G	A*11:01:07+A*26:01:17	A*11:19+A*26:13	A*11:40+A*66:01:01G
A*11:01:01GN+A*26:01:10	A*11:01:12+A*26:01:01G		
A*11:01:01GN+A*26:01:12	A*11:01:17+A*26:01:01G		
A*11:01:01GN+A*26:03:01	A*11:06+A*66:05		
A*11:01:01GN+A*26:09	A*11:04+A*26:01:01G		
A*11:01:01GN+A*26:22	A*11:40+A*66:09		
A*11:01:01GN+A*26:29	A*11:39+A*26:15		
A*11:01:01GN+A*26:30	A*11:12+A*26:03:01	A*11:18+A*66:01:01G	
A*11:01:01GN+A*26:36	A*11:06+A*26:01:01G		
A*11:01:01GN+A*26:43:01	A*11:24:02+A*26:08		
A*11:01:01GN+A*26:43:02	A*11:24:01+A*26:08		
A*11:01:01GN+A*26:49	A*11:39+A*26:01:01G	A*11:40+A*66:10	
A*11:01:01GN+A*29:02:01G	A*11:33:02+A*29:09		
A*11:01:01GN+A*29:02:02	A*11:01:21+A*29:02:01G		
A*11:01:01GN+A*29:02:04	A*11:11+A*29:18		
A*11:01:01GN+A*29:03	A*11:39+A*29:02:01G		
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A*11:01:01GN+A*29:20	A*11:19+A*29:01:01G		
A*11:01:01GN+A*30:02:01G	A*11:19+A*30:25		
A*11:01:01GN+A*30:16	A*11:06+A*30:01:01G		
A*11:01:01GN+A*30:44	A*11:19+A*30:16		
A*11:01:01GN+A*31:01:03	A*11:01:02+A*31:01:02G		
A*11:01:01GN+A*31:04	A*11:12+A*31:03		
A*11:01:01GN+A*31:05	A*11:39+A*31:01:02G		
A*11:01:01GN+A*31:11	A*11:15:01+A*31:01:02G		
A*11:01:01GN+A*31:27	A*11:37+A*31:01:02G		
A*11:01:01GN+A*32:01:01G	A*11:19+A*32:17	A*11:24:02+A*32:22	
A*11:01:01GN+A*32:01:06	A*11:24:01+A*32:22		
A*11:01:01GN+A*32:06	A*11:24:02+A*32:02		
A*11:01:01GN+A*32:08	A*11:06+A*32:01:01G		
A*11:01:01GN+A*32:12	A*11:32+A*32:01:01G		
A*11:01:01GN+A*32:13	A*11:39+A*32:01:01G		
A*11:01:01GN+A*32:15	A*11:10+A*32:01:01G		
A*11:01:01GN+A*32:20	A*11:74+A*32:01:01G		
A*11:01:01GN+A*33:01:01	A*11:33:02+A*33:34		
A*11:01:01GN+A*33:10	A*11:39+A*33:03:01G		
A*11:01:01GN+A*33:17	A*11:45+A*33:03:01G		
A*11:01:01GN+A*33:24	A*11:06+A*33:11		
A*11:01:01GN+A*34:09	A*11:12+A*34:02		
A*11:01:01GN+A*36:01	A*11:04+A*36:04		
A*11:01:01GN+A*66:03	A*11:19+A*66:02		
A*11:01:01GN+A*66:05	A*11:19+A*66:01:01G		
A*11:01:01GN+A*66:10	A*11:39+A*66:01:01G		
A*11:01:01GN+A*66:11	A*11:45+A*66:01:01G		
A*11:01:01GN+A*66:12	A*11:12+A*66:01:01G		
A*11:01:01GN+A*66:14	A*11:32+A*66:01:01G		
A*11:01:01GN+A*68:01:02G	A*11:10+A*68:66	A*11:73+A*68:12	
A*11:01:01GN+A*68:01:03	A*11:01:25+A*68:01:01G		
A*11:01:01GN+A*68:01:05	A*11:01:07+A*68:01:01G		
A*11:01:01GN+A*68:03:01	A*11:19+A*68:01:02G		
A*11:01:01GN+A*68:03:03	A*11:19+A*68:01:01G		
A*11:01:01GN+A*68:05	A*11:06+A*68:03:01		
A*11:01:01GN+A*68:08:02	A*11:24:02+A*68:09		
A*11:01:01GN+A*68:14	A*11:32+A*68:10		
A*11:01:01GN+A*68:15	A*11:06+A*68:31		
A*11:01:01GN+A*68:29	A*11:43+A*68:01:01G		
A*11:01:01GN+A*68:31	A*11:19+A*68:02:01G		
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A*11:01:01GN+A*68:65	A*11:39+A*68:01:02G		
A*11:01:01GN+A*74:01:01G	A*11:19+A*74:13		
A*11:01:01GN+A*74:06	A*11:06+A*74:01:01G		
A*11:01:02+A*31:05	A*11:39+A*31:01:03		
A*11:01:02+A*31:11	A*11:15:01+A*31:01:03		
A*11:01:02+A*31:27	A*11:37+A*31:01:03		
A*11:01:05+A*24:02:14	A*11:01:17+A*24:02:35		
A*11:01:05+A*24:05	A*11:33:02+A*24:02:35		
A*11:01:05+A*24:13:01	A*11:24:02+A*24:02:35		
A*11:01:05+A*24:13:02	A*11:24:01+A*24:02:35		
A*11:01:05+A*24:30	A*11:06+A*24:02:35		
A*11:01:05+A*24:35	A*11:37+A*24:02:35		
A*11:01:05+A*24:39	A*11:66+A*24:02:35		
A*11:01:05+A*24:63	A*11:02:01G+A*24:02:35		
A*11:01:05+A*24:78	A*11:68+A*24:02:35		
A*11:01:05+A*24:87	A*11:44+A*24:02:35		
A*11:01:05+A*24:133	A*11:23+A*24:02:35		
A*11:01:05+A*24:142	A*11:71+A*24:02:35		
A*11:01:07+A*24:05	A*11:33:01+A*24:02:01G		
A*11:01:07+A*29:02:01G	A*11:33:01+A*29:09		
A*11:01:07+A*33:01:01	A*11:33:01+A*33:34		
A*11:01:07+A*68:01:03	A*11:01:25+A*68:01:05		
A*11:01:07+A*68:03:03	A*11:19+A*68:01:05		
A*11:01:07+A*68:29	A*11:43+A*68:01:05		
A*11:01:12+A*26:01:12	A*11:01:17+A*26:01:10		
A*11:01:12+A*26:09	A*11:04+A*26:01:10		
A*11:01:12+A*26:36	A*11:06+A*26:01:10		
A*11:01:12+A*26:49	A*11:39+A*26:01:10		
A*11:01:17+A*24:05	A*11:33:02+A*24:02:14		
A*11:01:17+A*24:13:01	A*11:24:02+A*24:02:14		
A*11:01:17+A*24:13:02	A*11:24:01+A*24:02:14		
A*11:01:17+A*24:30	A*11:06+A*24:02:14		

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A*11:01:17+A*24:35	A*11:37+A*24:02:14	
A*11:01:17+A*24:39	A*11:66+A*24:02:14	
A*11:01:17+A*24:63	A*11:02:01G+A*24:02:14	
A*11:01:17+A*24:78	A*11:68+A*24:02:14	
A*11:01:17+A*24:87	A*11:44+A*24:02:14	
A*11:01:17+A*24:133	A*11:23+A*24:02:14	
A*11:01:17+A*24:142	A*11:71+A*24:02:14	
A*11:01:17+A*26:09	A*11:04+A*26:01:12	
A*11:01:17+A*26:36	A*11:06+A*26:01:12	
A*11:01:17+A*26:49	A*11:39+A*26:01:12	
A*11:01:21+A*29:03	A*11:39+A*29:02:02	
A*11:01:21+A*29:06	A*11:32+A*29:02:02	
A*11:01:25+A*68:03:03	A*11:19+A*68:01:03	
A*11:01:25+A*68:29	A*11:43+A*68:01:03	
A*11:02:01G+A*11:27	A*11:04+A*11:38	
A*11:02:01G+A*23:01:01G	A*11:38+A*23:04	
A*11:02:01G+A*24:02:18	A*11:38+A*24:03:02	
A*11:02:01G+A*24:05	A*11:33:02+A*24:63	
A*11:02:01G+A*24:13:01	A*11:24:02+A*24:63	
A*11:02:01G+A*24:13:02	A*11:24:01+A*24:63	
A*11:02:01G+A*24:30	A*11:06+A*24:63	
A*11:02:01G+A*24:35	A*11:37+A*24:63	
A*11:02:01G+A*24:39	A*11:66+A*24:63	
A*11:02:01G+A*24:46	A*11:38+A*24:10	
A*11:02:01G+A*24:78	A*11:68+A*24:63	
A*11:02:01G+A*24:87	A*11:44+A*24:63	
A*11:02:01G+A*24:131	A*11:16+A*24:07	
A*11:02:01G+A*24:133	A*11:23+A*24:63	
A*11:02:01G+A*24:142	A*11:71+A*24:63	
A*11:02:01G+A*26:29	A*11:38+A*26:15	
A*11:02:01G+A*26:49	A*11:38+A*26:01:01G	
A*11:02:01G+A*29:03	A*11:38+A*29:02:01G	
A*11:02:01G+A*31:05	A*11:38+A*31:01:02G	
A*11:02:01G+A*32:13	A*11:38+A*32:01:01G	
A*11:02:01G+A*33:10	A*11:38+A*33:03:01G	
A*11:02:01G+A*66:10	A*11:38+A*66:01:01G	
A*11:02:01G+A*68:01:02G	A*11:16+A*68:12	
A*11:02:01G+A*68:01:05	A*11:57+A*68:50	
A*11:02:01G+A*68:65	A*11:38+A*68:01:02G	
A*11:03+A*11:31	A*11:25+A*11:60	
A*11:03+A*24:02:01G	A*11:20+A*24:71	A*11:60+A*24:56
A*11:03+A*24:13:01	A*11:25+A*24:71	
A*11:03+A*24:13:02	A*11:20+A*23:14	
A*11:03+A*24:87	A*11:08+A*24:71	
A*11:03+A*26:01:01G	A*11:20+A*26:52	
A*11:03+A*26:12	A*11:60+A*26:01:01G	
A*11:03+A*26:14	A*11:20+A*26:28	
A*11:03+A*26:18	A*11:60+A*26:28	
A*11:03+A*31:41	A*11:20+A*31:01:02G	
A*11:03+A*32:02	A*11:20+A*32:22	
A*11:03+A*32:06	A*11:20+A*32:01:01G	A*11:25+A*32:22
A*11:03+A*68:01:01G	A*11:60+A*68:42	
A*11:03+A*68:02:01G	A*11:20+A*68:51	A*11:60+A*68:54
A*11:04+A*23:01:01G	A*11:27+A*23:04	
A*11:04+A*24:02:01G	A*11:27+A*24:03:01G	
A*11:04+A*24:02:18	A*11:27+A*24:03:02	
A*11:04+A*25:11	A*11:06+A*25:06	
A*11:04+A*25:13	A*11:12+A*25:06	
A*11:04+A*26:29	A*11:27+A*26:15	
A*11:04+A*26:36	A*11:06+A*26:09	
A*11:04+A*26:49	A*11:27+A*26:01:01G	A*11:39+A*26:09
A*11:04+A*29:03	A*11:27+A*29:02:01G	
A*11:04+A*31:05	A*11:27+A*31:01:02G	
A*11:04+A*32:13	A*11:27+A*32:01:01G	
A*11:04+A*33:10	A*11:27+A*33:03:01G	
A*11:04+A*66:10	A*11:27+A*66:01:01G	
A*11:04+A*68:65	A*11:27+A*68:01:02G	
A*11:06+A*24:05	A*11:33:02+A*24:30	
A*11:06+A*24:13:01	A*11:24:02+A*24:30	
A*11:06+A*24:13:02	A*11:24:01+A*24:30	
A*11:06+A*24:35	A*11:37+A*24:30	
A*11:06+A*24:39	A*11:66+A*24:30	
A*11:06+A*24:78	A*11:68+A*24:30	
A*11:06+A*24:87	A*11:44+A*24:30	
A*11:06+A*24:133	A*11:23+A*24:30	
A*11:06+A*24:142	A*11:71+A*24:30	
A*11:06+A*25:13	A*11:12+A*25:11	A*11:18+A*25:02
A*11:06+A*26:49	A*11:39+A*26:36	
A*11:06+A*32:12	A*11:32+A*32:08	
A*11:06+A*32:13	A*11:39+A*32:08	
A*11:06+A*32:15	A*11:10+A*32:08	
A*11:06+A*32:20	A*11:74+A*32:08	
A*11:08+A*11:24:02	A*11:25+A*11:44	
A*11:08+A*24:02:01G	A*11:20+A*24:87	
A*11:08+A*24:13:01	A*11:25+A*24:87	
A*11:08+A*24:59	A*11:44+A*24:56	
A*11:10+A*32:12	A*11:32+A*32:15	
A*11:10+A*32:13	A*11:39+A*32:15	
A*11:10+A*32:20	A*11:74+A*32:15	
A*11:10+A*43:01	A*11:11+A*26:01:01G	
A*11:12+A*23:12	A*11:18+A*23:13	
A*11:12+A*24:30	A*11:18+A*24:07	
A*11:12+A*26:01:01G	A*11:40+A*66:12	
A*11:12+A*26:30	A*11:18+A*66:12	
A*11:12+A*26:36	A*11:18+A*26:13	
A*11:12+A*30:44	A*11:18+A*30:01:01G	
A*11:12+A*30:46	A*11:18+A*30:17	
A*11:12+A*32:08	A*11:18+A*32:17	
A*11:12+A*66:05	A*11:19+A*66:12	
A*11:12+A*66:10	A*11:39+A*66:12	
A*11:12+A*66:11	A*11:45+A*66:12	
A*11:12+A*66:14	A*11:32+A*66:12	
A*11:12+A*68:05	A*11:18+A*68:01:02G	
A*11:12+A*68:15	A*11:18+A*68:02:01G	
A*11:12+A*74:06	A*11:18+A*74:13	

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A*11:12+A*74:10	A*11:40+A*74:13	
A*11:15:01+A*31:05	A*11:39+A*31:11	
A*11:15:01+A*31:27	A*11:37+A*31:11	
A*11:16+A*11:39	A*11:38+A*11:73	
A*11:16+A*24:02:01G	A*11:73+A*24:63	
A*11:16+A*25:05	A*11:57+A*25:01:01G	
A*11:16+A*26:54	A*11:57+A*26:01:01G	
A*11:16+A*68:02:01G	A*11:57+A*68:48	
A*11:17+A*32:01:01G	A*11:40+A*32:24	
A*11:18+A*24:44	A*11:19+A*24:28	
A*11:18+A*24:109	A*11:40+A*24:28	
A*11:18+A*26:01:01G	A*11:40+A*26:30	
A*11:18+A*33:13	A*11:40+A*33:24	
A*11:18+A*66:05	A*11:19+A*26:30	
A*11:18+A*66:10	A*11:39+A*26:30	
A*11:18+A*66:11	A*11:45+A*26:30	
A*11:18+A*66:14	A*11:32+A*26:30	
A*11:18+A*74:10	A*11:40+A*74:06	
A*11:19+A*24:109	A*11:40+A*24:44	
A*11:19+A*24:131	A*11:73+A*24:02:01G	
A*11:19+A*26:01:01G	A*11:40+A*66:05	
A*11:19+A*26:36	A*11:40+A*26:03:01	
A*11:19+A*66:10	A*11:39+A*66:05	
A*11:19+A*66:11	A*11:45+A*66:05	
A*11:19+A*66:14	A*11:32+A*66:05	
A*11:19+A*68:29	A*11:43+A*68:03:03	
A*11:19+A*68:65	A*11:39+A*68:03:01	
A*11:20+A*24:13:01	A*11:25+A*24:02:01G	A*11:31+A*24:56
A*11:20+A*26:18	A*11:60+A*26:14	
A*11:20+A*26:43:01	A*11:25+A*26:08	
A*11:20+A*32:06	A*11:25+A*32:02	
A*11:20+A*33:03:01G	A*11:60+A*33:28	
A*11:20+A*68:08:02	A*11:25+A*68:09	
A*11:23+A*24:05	A*11:33:02+A*24:133	
A*11:23+A*24:13:01	A*11:24:02+A*24:133	
A*11:23+A*24:13:02	A*11:24:01+A*24:133	
A*11:23+A*24:35	A*11:37+A*24:133	
A*11:23+A*24:39	A*11:66+A*24:133	
A*11:23+A*24:78	A*11:68+A*24:133	
A*11:23+A*24:87	A*11:44+A*24:133	
A*11:23+A*24:142	A*11:71+A*24:133	
A*11:24:01+A*23:02	A*11:44+A*23:01:01G	
A*11:24:01+A*24:05	A*11:33:02+A*24:13:02	
A*11:24:01+A*24:06	A*11:24:02+A*24:87	A*11:44+A*24:13:01
A*11:24:01+A*24:13:01	A*11:24:02+A*24:13:02	
A*11:24:01+A*24:35	A*11:37+A*24:13:02	
A*11:24:01+A*24:39	A*11:66+A*24:13:02	
A*11:24:01+A*24:78	A*11:68+A*24:13:02	
A*11:24:01+A*24:87	A*11:44+A*24:13:02	
A*11:24:01+A*24:142	A*11:71+A*24:13:02	
A*11:24:01+A*26:01:01G	A*11:44+A*26:43:01	
A*11:24:01+A*26:43:01	A*11:24:02+A*26:43:02	
A*11:24:01+A*30:02:01G	A*11:24:02+A*30:02:05	
A*11:24:01+A*31:01:02G	A*11:24:02+A*31:01:05	
A*11:24:01+A*31:30	A*11:44+A*31:01:02G	
A*11:24:01+A*32:01:01G	A*11:24:02+A*32:01:06	
A*11:24:01+A*33:03:01G	A*11:24:02+A*33:03:05	
A*11:24:01+A*68:01:02G	A*11:44+A*68:08:02	
A*11:24:01+A*68:02:01G	A*11:24:02+A*68:28	
A*11:24:01+A*68:26	A*11:39+A*68:08:01	
A*11:24:01+A*68:42	A*11:44+A*68:63	
A*11:24:02+A*24:05	A*11:33:02+A*24:13:01	
A*11:24:02+A*24:35	A*11:37+A*24:13:01	
A*11:24:02+A*24:39	A*11:66+A*24:13:01	
A*11:24:02+A*24:56	A*11:25+A*24:59	
A*11:24:02+A*24:78	A*11:68+A*24:13:01	
A*11:24:02+A*24:142	A*11:71+A*24:13:01	
A*11:24:02+A*31:01:02G	A*11:31+A*31:43	
A*11:25+A*26:12	A*11:31+A*26:01:01G	
A*11:25+A*26:18	A*11:31+A*26:28	
A*11:25+A*68:01:01G	A*11:31+A*68:42	
A*11:25+A*68:02:01G	A*11:31+A*68:54	
A*11:27+A*23:10	A*11:39+A*23:01:01G	
A*11:27+A*24:46	A*11:39+A*24:02:01G	
A*11:27+A*25:01:01G	A*11:39+A*25:06	
A*11:27+A*68:61	A*11:39+A*68:54	
A*11:31+A*24:71	A*11:60+A*24:13:01	
A*11:31+A*32:22	A*11:60+A*32:06	
A*11:32+A*26:01:01G	A*11:40+A*66:14	
A*11:32+A*29:03	A*11:39+A*29:06	
A*11:32+A*32:13	A*11:39+A*32:12	
A*11:32+A*32:20	A*11:74+A*32:12	
A*11:32+A*66:10	A*11:39+A*66:14	
A*11:32+A*66:11	A*11:45+A*66:14	
A*11:33:01+A*26:01:17	A*11:33:02+A*26:01:01G	
A*11:33:01+A*68:01:01G	A*11:33:02+A*68:01:05	
A*11:33:02+A*24:35	A*11:37+A*24:05	
A*11:33:02+A*24:39	A*11:66+A*24:05	
A*11:33:02+A*24:78	A*11:68+A*24:05	
A*11:33:02+A*24:87	A*11:44+A*24:05	
A*11:33:02+A*24:142	A*11:71+A*24:05	
A*11:37+A*24:39	A*11:66+A*24:35	
A*11:37+A*24:78	A*11:68+A*24:35	
A*11:37+A*24:87	A*11:44+A*24:35	
A*11:37+A*24:142	A*11:71+A*24:35	
A*11:37+A*31:05	A*11:39+A*31:27	
A*11:38+A*24:02:01G	A*11:39+A*24:63	
A*11:39+A*32:20	A*11:74+A*32:13	
A*11:39+A*33:17	A*11:45+A*33:10	
A*11:39+A*66:11	A*11:45+A*66:10	
A*11:40+A*66:11	A*11:45+A*26:01:01G	
A*11:44+A*24:39	A*11:66+A*24:87	
A*11:44+A*24:78	A*11:68+A*24:87	
A*11:44+A*24:142	A*11:71+A*24:87	
A*11:66+A*24:78	A*11:68+A*24:39	

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A*11:66+A*24:142	A*11:71+A*24:39			
A*11:68+A*24:142	A*11:71+A*24:78			
A*23:01:01G+A*24:02:24	A*23:01:04+A*24:02:01G			
A*23:01:01G+A*24:03:01G	A*23:04+A*24:02:01G			
A*23:01:01G+A*24:03:02	A*23:04+A*24:02:18			
A*23:01:01G+A*24:06	A*23:02+A*24:13:01			
A*23:01:01G+A*24:07	A*23:13+A*24:02:01G			
A*23:01:01G+A*24:10	A*23:04+A*24:46	A*23:10+A*24:03:01G		
A*23:01:01G+A*24:19	A*23:13+A*24:44			
A*23:01:01G+A*24:21:01	A*23:03:02+A*24:02:01G			
A*23:01:01G+A*24:25	A*23:05+A*24:02:01G			
A*23:01:01G+A*24:30	A*23:12+A*24:02:01G			
A*23:01:01G+A*24:46	A*23:10+A*24:02:01G			
A*23:01:01G+A*24:72	A*23:24+A*24:02:01G			
A*23:01:01G+A*24:77	A*23:28+A*24:02:01G			
A*23:01:01G+A*24:87	A*23:02+A*24:13:02			
A*23:01:01G+A*24:128	A*23:29+A*24:02:01G			
A*23:01:01G+A*24:129	A*23:09+A*24:04			
A*23:01:01G+A*25:01:01G	A*23:10+A*25:06			
A*23:01:01G+A*25:02	A*23:13+A*25:01:01G			
A*23:01:01G+A*25:11	A*23:12+A*25:01:01G			
A*23:01:01G+A*26:01:01G	A*23:02+A*26:43:01	A*23:03:02+A*26:10	A*23:04+A*26:49	A*23:10+A*26:09
A*23:01:01G+A*26:03:01	A*23:12+A*66:05			
A*23:01:01G+A*26:13	A*23:13+A*26:01:01G			
A*23:01:01G+A*26:15	A*23:04+A*26:29			
A*23:01:01G+A*26:36	A*23:12+A*26:01:01G			
A*23:01:01G+A*29:01:01G	A*23:13+A*29:20			
A*23:01:01G+A*29:02:01G	A*23:04+A*29:03			
A*23:01:01G+A*30:01:01G	A*23:21+A*30:11:02			
A*23:01:01G+A*30:16	A*23:12+A*30:01:01G	A*23:13+A*30:44		
A*23:01:01G+A*30:25	A*23:13+A*30:02:01G			
A*23:01:01G+A*31:01:02G	A*23:04+A*31:05	A*23:21+A*31:44		
A*23:01:01G+A*31:30	A*23:02+A*31:01:02G			
A*23:01:01G+A*31:36	A*23:06+A*31:01:02G			
A*23:01:01G+A*32:01:01G	A*23:03:01+A*32:28	A*23:04+A*32:13		
A*23:01:01G+A*32:02	A*24:05+A*32:01:01G			
A*23:01:01G+A*32:08	A*23:12+A*32:01:01G			
A*23:01:01G+A*32:17	A*23:13+A*32:01:01G			
A*23:01:01G+A*33:01:01	A*23:03:01+A*33:32			
A*23:01:01G+A*33:01:05	A*23:03:02+A*33:32			
A*23:01:01G+A*33:03:01G	A*23:04+A*33:10			
A*23:01:01G+A*33:04	A*23:23+A*33:01:01			
A*23:01:01G+A*33:06	A*23:29+A*33:03:01G			
A*23:01:01G+A*33:24	A*23:12+A*33:11			
A*23:01:01G+A*33:33	A*23:23+A*33:03:01G			
A*23:01:01G+A*34:04	A*23:21+A*34:02			
A*23:01:01G+A*66:01:01G	A*23:04+A*66:10	A*23:13+A*66:05		
A*23:01:01G+A*66:02	A*23:13+A*66:03			
A*23:01:01G+A*68:01:01G	A*23:13+A*68:03:03			
A*23:01:01G+A*68:01:02G	A*23:02+A*68:08:02	A*23:04+A*68:65	A*23:13+A*68:03:01	
A*23:01:01G+A*68:02:01G	A*23:13+A*68:31			
A*23:01:01G+A*68:05	A*23:12+A*68:03:01			
A*23:01:01G+A*68:15	A*23:12+A*68:31			
A*23:01:01G+A*68:21	A*23:25+A*68:01:02G			
A*23:01:01G+A*68:42	A*23:02+A*68:63			
A*23:01:01G+A*68:61	A*23:10+A*68:54			
A*23:01:01G+A*74:06	A*23:12+A*74:01:01G			
A*23:01:01G+A*74:13	A*23:13+A*74:01:01G			
A*23:01:04+A*24:03:01G	A*23:04+A*24:02:24			
A*23:01:04+A*24:07	A*23:13+A*24:02:24			
A*23:01:04+A*24:21:01	A*23:03:02+A*24:02:24			
A*23:01:04+A*24:25	A*23:05+A*24:02:24			
A*23:01:04+A*24:30	A*23:12+A*24:02:24			
A*23:01:04+A*24:46	A*23:10+A*24:02:24			
A*23:01:04+A*24:72	A*23:24+A*24:02:24			
A*23:01:04+A*24:77	A*23:28+A*24:02:24			
A*23:01:04+A*24:128	A*23:29+A*24:02:24			
A*23:02+A*26:08	A*24:05+A*26:52			
A*23:02+A*31:36	A*23:06+A*31:30			
A*23:03:01+A*29:01:02	A*23:03:02+A*29:01:01G			
A*23:03:01+A*33:01:05	A*23:03:02+A*33:01:01			
A*23:03:02+A*24:03:01G	A*23:04+A*24:21:01			
A*23:03:02+A*24:07	A*23:13+A*24:21:01			
A*23:03:02+A*24:25	A*23:05+A*24:21:01			
A*23:03:02+A*24:30	A*23:12+A*24:21:01			
A*23:03:02+A*24:46	A*23:10+A*24:21:01			
A*23:03:02+A*24:72	A*23:24+A*24:21:01			
A*23:03:02+A*24:77	A*23:28+A*24:21:01			
A*23:03:02+A*24:128	A*23:29+A*24:21:01			
A*23:04+A*24:07	A*23:13+A*24:03:01G			
A*23:04+A*24:25	A*23:05+A*24:03:01G			
A*23:04+A*24:30	A*23:12+A*24:03:01G			
A*23:04+A*24:72	A*23:24+A*24:03:01G			
A*23:04+A*24:77	A*23:28+A*24:03:01G			
A*23:04+A*24:128	A*23:29+A*24:03:01G			
A*23:05+A*24:07	A*23:13+A*24:25			
A*23:05+A*24:30	A*23:12+A*24:25			
A*23:05+A*24:46	A*23:10+A*24:25			
A*23:05+A*24:72	A*23:24+A*24:25			
A*23:05+A*24:77	A*23:28+A*24:25			
A*23:05+A*24:128	A*23:29+A*24:25			
A*23:09+A*32:05	A*23:28+A*32:24			
A*23:10+A*24:07	A*23:13+A*24:46			
A*23:10+A*24:30	A*23:12+A*24:46			
A*23:10+A*24:72	A*23:24+A*24:46			
A*23:10+A*24:77	A*23:28+A*24:46			
A*23:10+A*24:128	A*23:29+A*24:46			
A*23:12+A*24:07	A*23:13+A*24:30			
A*23:12+A*24:72	A*23:24+A*24:30			
A*23:12+A*24:77	A*23:28+A*24:30			
A*23:12+A*24:128	A*23:29+A*24:30			
A*23:12+A*25:02	A*23:13+A*25:11			
A*23:12+A*26:13	A*23:13+A*26:36			
A*23:12+A*30:17	A*23:13+A*30:46			
A*23:12+A*32:02	A*24:05+A*32:08			

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A*23:12+A*32:17	A*23:13+A*32:08			
A*23:12+A*66:01:01G	A*23:13+A*26:03:01			
A*23:12+A*66:12	A*23:13+A*26:30			
A*23:12+A*68:01:02G	A*23:13+A*68:05			
A*23:12+A*68:02:01G	A*23:13+A*68:15			
A*23:12+A*74:13	A*23:13+A*74:06			
A*23:13+A*24:67	A*24:02:01G+A*24:24			
A*23:13+A*24:72	A*23:24+A*24:07			
A*23:13+A*24:77	A*23:28+A*24:07			
A*23:13+A*24:128	A*23:29+A*24:07			
A*23:13+A*32:02	A*24:05+A*32:17			
A*23:14+A*24:02:01G	A*24:13:02+A*24:71			
A*23:14+A*26:01:01G	A*24:13:02+A*26:52			
A*23:14+A*26:08	A*24:71+A*26:43:02			
A*23:14+A*26:14	A*24:13:02+A*26:28			
A*23:14+A*30:04:01	A*24:87+A*30:09			
A*23:14+A*31:41	A*24:13:01+A*31:01:05	A*24:13:02+A*31:01:02G		
A*23:14+A*32:02	A*24:02:01G+A*32:01:06	A*24:13:02+A*32:22		
A*23:14+A*32:06	A*24:13:01+A*32:01:06	A*24:13:02+A*32:01:01G		
A*23:14+A*32:22	A*24:71+A*32:01:06			
A*23:14+A*68:02:01G	A*24:13:02+A*68:51			
A*23:23+A*33:06	A*23:29+A*33:33			
A*23:24+A*24:77	A*23:28+A*24:72			
A*23:24+A*24:128	A*23:29+A*24:72			
A*23:28+A*24:128	A*23:29+A*24:77			
A*24:02:01G+A*24:03:02	A*24:02:18+A*24:03:01G			
A*24:02:01G+A*24:10	A*24:03:01G+A*24:46			
A*24:02:01G+A*24:19	A*24:07+A*24:44			
A*24:02:01G+A*24:57	A*24:53+A*24:120			
A*24:02:01G+A*24:88	A*24:20+A*24:104			
A*24:02:01G+A*24:92	A*24:51+A*24:120			
A*24:02:01G+A*25:01:01G	A*24:06+A*25:04	A*24:46+A*25:06	A*24:99+A*25:09	
A*24:02:01G+A*25:02	A*24:07+A*25:01:01G			
A*24:02:01G+A*25:11	A*24:30+A*25:01:01G			
A*24:02:01G+A*26:01:01G	A*24:03:01G+A*26:49	A*24:06+A*26:08	A*24:21:01+A*26:10	A*24:46+A*26:09
	A*24:50+A*26:16	A*24:56+A*26:12	A*24:99+A*26:14	
A*24:02:01G+A*26:01:02	A*24:02:07+A*26:01:01G			
A*24:02:01G+A*26:01:03	A*24:02:18+A*26:01:01G	A*24:03:02+A*26:49		
A*24:02:01G+A*26:01:05	A*24:02:16+A*26:01:01G			
A*24:02:01G+A*26:01:12	A*24:02:14+A*26:01:01G			
A*24:02:01G+A*26:01:16	A*24:02:37+A*26:01:01G			
A*24:02:01G+A*26:01:17	A*24:02:02+A*26:01:01G			
A*24:02:01G+A*26:03:01	A*24:30+A*66:05			
A*24:02:01G+A*26:04	A*24:143+A*26:09			
A*24:02:01G+A*26:08	A*24:145+A*26:48			
A*24:02:01G+A*26:13	A*24:07+A*26:01:01G			
A*24:02:01G+A*26:15	A*24:03:01G+A*26:29			
A*24:02:01G+A*26:27	A*24:91+A*26:01:01G			
A*24:02:01G+A*26:28	A*24:56+A*26:18	A*24:71+A*26:14		
A*24:02:01G+A*26:36	A*24:30+A*26:01:01G			
A*24:02:01G+A*26:38	A*24:49+A*26:01:01G			
A*24:02:01G+A*26:43:01	A*24:13:01+A*26:08			
A*24:02:01G+A*26:43:02	A*24:13:02+A*26:08			
A*24:02:01G+A*26:52	A*24:71+A*26:01:01G	A*24:99+A*26:28		
A*24:02:01G+A*29:01:01G	A*24:07+A*29:20			
A*24:02:01G+A*29:02:01G	A*24:03:01G+A*29:03	A*24:05+A*29:09	A*24:57+A*29:07	
A*24:02:01G+A*29:02:06	A*24:02:22+A*29:02:01G			
A*24:02:01G+A*29:12	A*24:58+A*29:01:01G			
A*24:02:01G+A*30:01:01G	A*24:124+A*30:11:01			
A*24:02:01G+A*30:02:01G	A*24:124+A*30:03			
A*24:02:01G+A*30:04:01	A*24:02:06+A*30:04:02			
A*24:02:01G+A*30:16	A*24:07+A*30:44	A*24:30+A*30:01:01G		
A*24:02:01G+A*30:25	A*24:07+A*30:02:01G			
A*24:02:01G+A*30:30	A*24:113+A*30:01:01G			
A*24:02:01G+A*30:35	A*24:130+A*30:01:01G			
A*24:02:01G+A*30:40	A*24:135+A*30:01:01G			
A*24:02:01G+A*31:01:02G	A*24:03:01G+A*31:05	A*24:57+A*31:29	A*24:71+A*31:41	A*24:145+A*31:02
A*24:02:01G+A*31:01:06	A*24:02:12+A*31:01:02G			
A*24:02:01G+A*31:10	A*24:145+A*31:07			
A*24:02:01G+A*31:16	A*24:58+A*31:01:02G			
A*24:02:01G+A*31:27	A*24:35+A*31:01:02G			
A*24:02:01G+A*31:43	A*24:59+A*31:01:02G			
A*24:02:01G+A*32:01:01G	A*24:03:01G+A*32:13	A*24:13:01+A*32:22	A*24:32+A*32:03	A*24:71+A*32:06
	A*24:104+A*32:07			
A*24:02:01G+A*32:01:03	A*24:85+A*32:01:01G			
A*24:02:01G+A*32:01:04	A*24:02:36+A*32:01:01G			
A*24:02:01G+A*32:01:05	A*24:02:32+A*32:01:01G			
A*24:02:01G+A*32:06	A*24:13:01+A*32:02			
A*24:02:01G+A*32:08	A*24:30+A*32:01:01G			
A*24:02:01G+A*32:17	A*24:07+A*32:01:01G			
A*24:02:01G+A*32:22	A*24:71+A*32:02			
A*24:02:01G+A*33:01:01	A*24:05+A*33:34			
A*24:02:01G+A*33:01:04	A*24:02:11+A*33:01:01			
A*24:02:01G+A*33:01:05	A*24:21:01+A*33:32			
A*24:02:01G+A*33:03:01G	A*24:03:01G+A*33:10	A*24:34+A*33:11		
A*24:02:01G+A*33:06	A*24:128+A*33:03:01G			
A*24:02:01G+A*33:09	A*24:145+A*33:08			
A*24:02:01G+A*33:24	A*24:30+A*33:11			
A*24:02:01G+A*34:02	A*24:99+A*34:03			
A*24:02:01G+A*66:01:01G	A*24:03:01G+A*66:10	A*24:07+A*66:05		
A*24:02:01G+A*66:02	A*24:07+A*66:03			
A*24:02:01G+A*66:15	A*24:34+A*66:05			
A*24:02:01G+A*68:01:01G	A*24:02:02+A*68:01:05	A*24:07+A*68:03:03	A*24:50+A*68:45	
A*24:02:01G+A*68:01:02G	A*24:03:01G+A*68:65	A*24:06+A*68:09	A*24:07+A*68:03:01	
A*24:02:01G+A*68:01:04	A*24:02:18+A*68:01:01G			
A*24:02:01G+A*68:02:01G	A*24:07+A*68:31			
A*24:02:01G+A*68:02:02	A*24:02:18+A*68:02:01G			
A*24:02:01G+A*68:04	A*24:34+A*68:03:03			
A*24:02:01G+A*68:05	A*24:30+A*68:03:01			
A*24:02:01G+A*68:08:02	A*24:13:01+A*68:09			
A*24:02:01G+A*68:15	A*24:30+A*68:31			
A*24:02:01G+A*68:23	A*24:52+A*68:01:02G			
A*24:02:01G+A*68:29	A*24:82+A*68:45			
A*24:02:01G+A*68:41	A*24:136+A*68:01:02G			
A*24:02:01G+A*68:42	A*24:56+A*68:01:01G			

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A*24:02:01G+A*68:43	A*24:151+A*68:01:01G	
A*24:02:01G+A*68:51	A*24:71+A*68:02:01G	
A*24:02:01G+A*68:54	A*24:56+A*68:02:01G	
A*24:02:01G+A*68:55	A*24:49+A*68:01:01G	
A*24:02:01G+A*68:57	A*24:108+A*68:03:01	
A*24:02:01G+A*68:61	A*24:46+A*68:54	
A*24:02:01G+A*68:62	A*24:27+A*68:02:01G	
A*24:02:01G+A*74:05	A*24:119+A*74:01:01G	
A*24:02:01G+A*74:06	A*24:28+A*32:03	A*24:30+A*74:01:01G
A*24:02:01G+A*74:07	A*24:34+A*74:01:01G	
A*24:02:01G+A*74:10	A*24:109+A*32:03	
A*24:02:01G+A*74:13	A*24:07+A*74:01:01G	
A*24:02:02+A*26:01:02	A*24:02:07+A*26:01:17	
A*24:02:02+A*26:01:03	A*24:02:18+A*26:01:17	
A*24:02:02+A*26:01:05	A*24:02:16+A*26:01:17	
A*24:02:02+A*26:01:12	A*24:02:14+A*26:01:17	
A*24:02:02+A*26:01:16	A*24:02:37+A*26:01:17	
A*24:02:02+A*26:13	A*24:07+A*26:01:17	
A*24:02:02+A*26:27	A*24:91+A*26:01:17	
A*24:02:02+A*26:36	A*24:30+A*26:01:17	
A*24:02:02+A*26:38	A*24:49+A*26:01:17	
A*24:02:02+A*26:52	A*24:71+A*26:01:17	
A*24:02:07+A*26:01:03	A*24:02:18+A*26:01:02	
A*24:02:07+A*26:01:05	A*24:02:16+A*26:01:02	
A*24:02:07+A*26:01:12	A*24:02:14+A*26:01:02	
A*24:02:07+A*26:01:16	A*24:02:37+A*26:01:02	
A*24:02:07+A*26:13	A*24:07+A*26:01:02	
A*24:02:07+A*26:27	A*24:91+A*26:01:02	
A*24:02:07+A*26:36	A*24:30+A*26:01:02	
A*24:02:07+A*26:38	A*24:49+A*26:01:02	
A*24:02:07+A*26:52	A*24:71+A*26:01:02	
A*24:02:12+A*31:16	A*24:58+A*31:01:06	
A*24:02:12+A*31:27	A*24:35+A*31:01:06	
A*24:02:12+A*31:43	A*24:59+A*31:01:06	
A*24:02:14+A*26:01:03	A*24:02:18+A*26:01:12	
A*24:02:14+A*26:01:05	A*24:02:16+A*26:01:12	
A*24:02:14+A*26:01:16	A*24:02:37+A*26:01:12	
A*24:02:14+A*26:13	A*24:07+A*26:01:12	
A*24:02:14+A*26:27	A*24:91+A*26:01:12	
A*24:02:14+A*26:36	A*24:30+A*26:01:12	
A*24:02:14+A*26:38	A*24:49+A*26:01:12	
A*24:02:14+A*26:52	A*24:71+A*26:01:12	
A*24:02:16+A*26:01:03	A*24:02:18+A*26:01:05	
A*24:02:16+A*26:01:16	A*24:02:37+A*26:01:05	
A*24:02:16+A*26:13	A*24:07+A*26:01:05	
A*24:02:16+A*26:27	A*24:91+A*26:01:05	
A*24:02:16+A*26:36	A*24:30+A*26:01:05	
A*24:02:16+A*26:38	A*24:49+A*26:01:05	
A*24:02:16+A*26:52	A*24:71+A*26:01:05	
A*24:02:18+A*24:10	A*24:03:02+A*24:46	
A*24:02:18+A*26:01:16	A*24:02:37+A*26:01:03	
A*24:02:18+A*26:13	A*24:07+A*26:01:03	
A*24:02:18+A*26:15	A*24:03:02+A*26:29	
A*24:02:18+A*26:27	A*24:91+A*26:01:03	
A*24:02:18+A*26:36	A*24:30+A*26:01:03	
A*24:02:18+A*26:38	A*24:49+A*26:01:03	
A*24:02:18+A*26:52	A*24:71+A*26:01:03	
A*24:02:18+A*29:02:01G	A*24:03:02+A*29:03	
A*24:02:18+A*31:01:02G	A*24:03:02+A*31:05	
A*24:02:18+A*32:01:01G	A*24:03:02+A*32:13	
A*24:02:18+A*33:03:01G	A*24:03:02+A*33:10	
A*24:02:18+A*66:01:01G	A*24:03:02+A*66:10	
A*24:02:18+A*68:01:02G	A*24:03:02+A*68:65	
A*24:02:18+A*68:42	A*24:56+A*68:01:04	
A*24:02:18+A*68:43	A*24:151+A*68:01:04	
A*24:02:18+A*68:51	A*24:71+A*68:02:02	
A*24:02:18+A*68:54	A*24:56+A*68:02:02	
A*24:02:18+A*68:55	A*24:49+A*68:01:04	
A*24:02:18+A*68:62	A*24:27+A*68:02:02	
A*24:02:32+A*32:01:03	A*24:85+A*32:01:05	
A*24:02:32+A*32:01:04	A*24:02:36+A*32:01:05	
A*24:02:32+A*32:08	A*24:30+A*32:01:05	
A*24:02:32+A*32:17	A*24:07+A*32:01:05	
A*24:02:36+A*32:01:03	A*24:85+A*32:01:04	
A*24:02:36+A*32:08	A*24:30+A*32:01:04	
A*24:02:36+A*32:17	A*24:07+A*32:01:04	
A*24:02:37+A*26:13	A*24:07+A*26:01:16	
A*24:02:37+A*26:27	A*24:91+A*26:01:16	
A*24:02:37+A*26:36	A*24:30+A*26:01:16	
A*24:02:37+A*26:38	A*24:49+A*26:01:16	
A*24:02:37+A*26:52	A*24:71+A*26:01:16	
A*24:03:01G+A*25:01:01G	A*24:10+A*25:06	
A*24:03:01G+A*26:01:01G	A*24:10+A*26:09	
A*24:03:01G+A*26:01:03	A*24:03:02+A*26:01:01G	
A*24:03:01G+A*30:45	A*24:23+A*30:02:01G	
A*24:03:01G+A*36:04	A*24:10+A*36:01	
A*24:03:01G+A*68:01:04	A*24:03:02+A*68:01:01G	
A*24:03:01G+A*68:02:02	A*24:03:02+A*68:02:01G	
A*24:03:01G+A*68:61	A*24:10+A*68:54	
A*24:04+A*25:01:01G	A*24:32+A*26:01:01G	A*24:109+A*25:13
A*24:04+A*25:02	A*24:32+A*26:13	
A*24:04+A*25:04	A*24:32+A*26:08	
A*24:04+A*25:05	A*24:32+A*26:54	
A*24:04+A*25:06	A*24:32+A*26:09	
A*24:04+A*25:08	A*24:32+A*26:47	
A*24:04+A*25:09	A*24:32+A*26:14	
A*24:04+A*25:11	A*24:32+A*26:36	
A*24:04+A*26:03:01	A*24:28+A*26:01:01G	A*24:109+A*26:30
A*24:04+A*29:13	A*24:32+A*29:02:01G	
A*24:04+A*31:03	A*24:109+A*31:04	
A*24:04+A*34:02	A*24:109+A*34:09	
A*24:04+A*66:01:01G	A*24:109+A*66:12	
A*24:06+A*24:13:02	A*24:13:01+A*24:87	
A*24:06+A*26:43:01	A*24:13:01+A*26:01:01G	
A*24:06+A*26:43:02	A*24:13:02+A*26:01:01G	A*24:87+A*26:43:01

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A*24:06+A*30:02:05	A*24:87+A*30:02:01G	
A*24:06+A*31:01:02G	A*24:13:01+A*31:30	
A*24:06+A*31:01:05	A*24:13:02+A*31:30	A*24:87+A*31:01:02G
A*24:06+A*32:01:06	A*24:87+A*32:01:01G	
A*24:06+A*33:03:05	A*24:87+A*33:03:01G	
A*24:06+A*68:08:01	A*24:13:02+A*68:01:01G	
A*24:06+A*68:08:02	A*24:13:01+A*68:01:02G	
A*24:06+A*68:28	A*24:87+A*68:02:01G	
A*24:06+A*68:63	A*24:13:01+A*68:42	
A*24:07+A*25:11	A*24:30+A*25:02	
A*24:07+A*26:03:01	A*24:30+A*66:01:01G	
A*24:07+A*26:27	A*24:91+A*26:13	
A*24:07+A*26:30	A*24:30+A*66:12	
A*24:07+A*26:36	A*24:30+A*26:13	
A*24:07+A*26:38	A*24:49+A*26:13	
A*24:07+A*26:52	A*24:71+A*26:13	
A*24:07+A*30:46	A*24:30+A*30:17	
A*24:07+A*32:01:03	A*24:85+A*32:17	
A*24:07+A*32:08	A*24:30+A*32:17	
A*24:07+A*66:15	A*24:34+A*66:01:01G	
A*24:07+A*68:01:02G	A*24:131+A*68:12	
A*24:07+A*68:04	A*24:34+A*68:01:01G	
A*24:07+A*68:05	A*24:28+A*68:36	A*24:30+A*68:01:02G
A*24:07+A*68:15	A*24:30+A*68:02:01G	
A*24:07+A*68:57	A*24:108+A*68:01:02G	
A*24:07+A*74:05	A*24:119+A*74:13	
A*24:07+A*74:06	A*24:30+A*74:13	
A*24:07+A*74:07	A*24:34+A*74:13	
A*24:08+A*24:28	A*24:20+A*24:89	
A*24:08+A*24:30	A*24:20+A*24:42	
A*24:10+A*26:29	A*24:46+A*26:15	
A*24:10+A*26:49	A*24:46+A*26:01:01G	
A*24:10+A*29:03	A*24:46+A*29:02:01G	
A*24:10+A*31:05	A*24:46+A*31:01:02G	
A*24:10+A*32:13	A*24:46+A*32:01:01G	
A*24:10+A*33:10	A*24:46+A*33:03:01G	
A*24:10+A*66:10	A*24:46+A*66:01:01G	
A*24:10+A*68:65	A*24:46+A*68:01:02G	
A*24:13:01+A*26:43:02	A*24:13:02+A*26:43:01	
A*24:13:01+A*26:54	A*24:94+A*26:49	
A*24:13:01+A*30:02:05	A*24:13:02+A*30:02:01G	
A*24:13:01+A*33:03:05	A*24:13:02+A*33:03:01G	
A*24:13:01+A*68:28	A*24:13:02+A*68:02:01G	
A*24:13:02+A*68:01:02G	A*24:87+A*68:08:02	
A*24:13:02+A*68:42	A*24:87+A*68:63	
A*24:15+A*24:17	A*24:41+A*24:53	
A*24:15+A*25:10	A*24:53+A*25:01:01G	
A*24:15+A*36:01	A*24:92+A*36:03	
A*24:17+A*25:01:01G	A*24:41+A*25:10	
A*24:17+A*30:01:01G	A*24:66+A*30:26	
A*24:17+A*31:01:02G	A*24:62+A*31:06	
A*24:17+A*32:01:01G	A*24:62+A*32:30	
A*24:17+A*33:03:01G	A*24:62+A*33:18	
A*24:17+A*68:06	A*24:66+A*68:01:02G	
A*24:19+A*25:01:01G	A*24:44+A*25:02	
A*24:19+A*25:13	A*24:32+A*66:01:01G	
A*24:19+A*26:01:01G	A*24:44+A*26:13	A*24:109+A*66:01:01G
A*24:19+A*26:22	A*24:109+A*66:09	
A*24:19+A*26:30	A*24:28+A*66:01:01G	
A*24:19+A*26:49	A*24:109+A*66:10	
A*24:19+A*29:20	A*24:44+A*29:01:01G	
A*24:19+A*30:02:01G	A*24:44+A*30:25	
A*24:19+A*30:44	A*24:44+A*30:16	
A*24:19+A*32:01:01G	A*24:44+A*32:17	
A*24:19+A*66:03	A*24:44+A*66:02	
A*24:19+A*66:05	A*24:44+A*66:01:01G	
A*24:19+A*68:03:01	A*24:44+A*68:01:02G	
A*24:19+A*68:03:03	A*24:44+A*68:01:01G	
A*24:19+A*68:31	A*24:44+A*68:02:01G	
A*24:19+A*74:01:01G	A*24:44+A*74:13	
A*24:20+A*32:01:01G	A*24:88+A*32:07	
A*24:27+A*68:51	A*24:71+A*68:62	
A*24:27+A*68:54	A*24:56+A*68:62	
A*24:28+A*24:42	A*24:30+A*24:89	
A*24:28+A*25:01:01G	A*24:32+A*26:03:01	
A*24:28+A*25:13	A*24:32+A*26:30	
A*24:28+A*32:01:01G	A*24:32+A*74:06	
A*24:28+A*33:13	A*24:109+A*33:24	
A*24:28+A*66:05	A*24:44+A*26:30	
A*24:28+A*74:10	A*24:109+A*74:06	
A*24:30+A*26:27	A*24:91+A*26:36	
A*24:30+A*26:38	A*24:49+A*26:36	
A*24:30+A*26:52	A*24:71+A*26:36	
A*24:30+A*30:30	A*24:113+A*30:16	
A*24:30+A*30:35	A*24:130+A*30:16	
A*24:30+A*30:40	A*24:135+A*30:16	
A*24:30+A*32:01:03	A*24:85+A*32:08	
A*24:30+A*33:03:01G	A*24:34+A*33:24	
A*24:30+A*66:15	A*24:34+A*26:03:01	
A*24:30+A*68:57	A*24:108+A*68:05	
A*24:30+A*74:05	A*24:119+A*74:06	
A*24:30+A*74:07	A*24:34+A*74:06	
A*24:32+A*66:05	A*24:44+A*25:13	
A*24:32+A*74:10	A*24:109+A*32:01:01G	
A*24:34+A*74:05	A*24:119+A*74:07	
A*24:35+A*31:16	A*24:58+A*31:27	
A*24:35+A*31:43	A*24:59+A*31:27	
A*24:42+A*68:01:02G	A*24:89+A*68:36	
A*24:42+A*74:01:01G	A*24:89+A*32:03	
A*24:44+A*26:01:01G	A*24:109+A*66:05	
A*24:44+A*26:36	A*24:109+A*26:03:01	
A*24:46+A*26:04	A*24:143+A*26:01:01G	
A*24:46+A*66:02	A*24:55+A*66:12	
A*24:49+A*26:27	A*24:91+A*26:38	
A*24:49+A*26:52	A*24:71+A*26:38	

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A*24:49+A*68:42	A*24:56+A*68:55		
A*24:49+A*68:43	A*24:151+A*68:55		
A*24:50+A*25:03	A*24:104+A*25:01:01G		
A*24:50+A*34:08	A*24:104+A*34:02		
A*24:50+A*68:29	A*24:82+A*68:01:01G		
A*24:51+A*24:57	A*24:53+A*24:92		
A*24:52+A*68:41	A*24:136+A*68:23		
A*24:56+A*33:03:01G	A*24:71+A*33:28		
A*24:56+A*68:43	A*24:151+A*68:42		
A*24:56+A*68:51	A*24:71+A*68:54		
A*24:58+A*31:43	A*24:59+A*31:16		
A*24:67+A*32:05	A*24:77+A*32:15		
A*24:67+A*33:21	A*24:145+A*33:03:01G		
A*24:71+A*26:12	A*24:99+A*26:18		
A*24:71+A*26:27	A*24:91+A*26:52		
A*24:82+A*31:21	A*24:104+A*31:01:02G		
A*24:82+A*33:03:01G	A*31:08+A*33:19		
A*24:93+A*26:01:01G	A*24:120+A*26:22		
A*24:93+A*66:01:01G	A*24:120+A*66:09		
A*24:96+A*68:01:02G	A*24:146+A*68:17		
A*24:113+A*30:35	A*24:130+A*30:30		
A*24:113+A*30:40	A*24:135+A*30:30		
A*24:130+A*30:40	A*24:135+A*30:35		
A*25:01:01G+A*26:03:01	A*25:11+A*66:05		
A*25:01:01G+A*26:08	A*25:04+A*26:01:01G		
A*25:01:01G+A*26:09	A*25:06+A*26:01:01G		
A*25:01:01G+A*26:13	A*25:02+A*26:01:01G		
A*25:01:01G+A*26:14	A*25:09+A*26:01:01G		
A*25:01:01G+A*26:28	A*25:09+A*26:52		
A*25:01:01G+A*26:30	A*25:13+A*26:03:01		
A*25:01:01G+A*26:36	A*25:11+A*26:01:01G		
A*25:01:01G+A*26:47	A*25:08+A*26:01:01G		
A*25:01:01G+A*26:54	A*25:05+A*26:01:01G		
A*25:01:01G+A*29:01:01G	A*25:02+A*29:20		
A*25:01:01G+A*29:02:01G	A*26:01:01G+A*29:13		
A*25:01:01G+A*29:03	A*26:49+A*29:13		
A*25:01:01G+A*29:27	A*26:55+A*29:13		
A*25:01:01G+A*30:16	A*25:02+A*30:44	A*25:11+A*30:01:01G	
A*25:01:01G+A*30:25	A*25:02+A*30:02:01G		
A*25:01:01G+A*31:04	A*25:13+A*31:03		
A*25:01:01G+A*32:08	A*25:11+A*32:01:01G		
A*25:01:01G+A*32:17	A*25:02+A*32:01:01G		
A*25:01:01G+A*33:24	A*25:11+A*33:11		
A*25:01:01G+A*34:03	A*25:09+A*34:02		
A*25:01:01G+A*34:08	A*25:03+A*34:02		
A*25:01:01G+A*34:09	A*25:13+A*34:02		
A*25:01:01G+A*36:01	A*25:06+A*36:04		
A*25:01:01G+A*66:01:01G	A*25:02+A*66:05		
A*25:01:01G+A*66:02	A*25:02+A*66:03		
A*25:01:01G+A*66:12	A*25:13+A*66:01:01G		
A*25:01:01G+A*68:01:01G	A*25:02+A*68:03:03		
A*25:01:01G+A*68:01:02G	A*25:02+A*68:03:01		
A*25:01:01G+A*68:02:01G	A*25:02+A*68:31	A*25:05+A*68:48	
A*25:01:01G+A*68:05	A*25:11+A*68:03:01		
A*25:01:01G+A*68:09	A*25:04+A*68:01:02G		
A*25:01:01G+A*68:15	A*25:11+A*68:31		
A*25:01:01G+A*68:54	A*25:06+A*68:61		
A*25:01:01G+A*74:01:01G	A*32:01:01G+A*66:05		
A*25:01:01G+A*74:06	A*25:11+A*74:01:01G	A*26:03:01+A*32:01:01G	A*32:08+A*66:05
A*25:01:01G+A*74:07	A*32:01:01G+A*66:15		
A*25:01:01G+A*74:13	A*25:02+A*74:01:01G	A*32:01:01G+A*66:01:01G	A*32:17+A*66:05
A*25:02+A*26:03:01	A*25:11+A*66:01:01G		
A*25:02+A*26:08	A*25:04+A*26:13		
A*25:02+A*26:09	A*25:06+A*26:13		
A*25:02+A*26:14	A*25:09+A*26:13		
A*25:02+A*26:30	A*25:11+A*66:12		
A*25:02+A*26:36	A*25:11+A*26:13		
A*25:02+A*26:47	A*25:08+A*26:13		
A*25:02+A*26:54	A*25:05+A*26:13		
A*25:02+A*29:02:01G	A*26:13+A*29:13		
A*25:02+A*29:19	A*26:03:01+A*29:13		
A*25:02+A*30:46	A*25:11+A*30:17		
A*25:02+A*32:08	A*25:11+A*32:17		
A*25:02+A*68:05	A*25:11+A*68:01:02G		
A*25:02+A*68:15	A*25:11+A*68:02:01G		
A*25:02+A*74:06	A*25:11+A*74:13	A*26:03:01+A*32:17	A*32:08+A*66:01:01G
A*25:02+A*74:07	A*32:17+A*66:15		
A*25:02+A*74:13	A*32:17+A*66:01:01G		
A*25:03+A*34:03	A*25:09+A*34:08		
A*25:03+A*34:09	A*25:13+A*34:08		
A*25:04+A*26:09	A*25:06+A*26:08		
A*25:04+A*26:14	A*25:09+A*26:08		
A*25:04+A*26:36	A*25:11+A*26:08		
A*25:04+A*26:47	A*25:08+A*26:08		
A*25:04+A*26:54	A*25:05+A*26:08		
A*25:04+A*29:02:01G	A*26:08+A*29:13		
A*25:05+A*26:09	A*25:06+A*26:54		
A*25:05+A*26:14	A*25:09+A*26:54		
A*25:05+A*26:36	A*25:11+A*26:54		
A*25:05+A*26:47	A*25:08+A*26:54		
A*25:05+A*29:02:01G	A*26:54+A*29:13		
A*25:06+A*26:14	A*25:09+A*26:09		
A*25:06+A*26:36	A*25:11+A*26:09		
A*25:06+A*26:47	A*25:08+A*26:09		
A*25:06+A*29:02:01G	A*26:09+A*29:13		
A*25:08+A*26:14	A*25:09+A*26:47		
A*25:08+A*26:36	A*25:11+A*26:47		
A*25:08+A*29:02:01G	A*26:47+A*29:13		
A*25:09+A*26:36	A*25:11+A*26:14		
A*25:09+A*29:02:01G	A*26:14+A*29:13		
A*25:09+A*34:09	A*25:13+A*34:03		
A*25:11+A*29:02:01G	A*26:36+A*29:13		
A*25:11+A*74:06	A*26:03:01+A*32:08		
A*25:11+A*74:07	A*32:08+A*66:15		
A*25:13+A*74:06	A*26:30+A*32:01:01G		

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A*25:13+A*74:10	A*26:01:01G+A*32:01:01G	A*26:52+A*32:06	
A*25:13+A*74:13	A*32:01:01G+A*66:12		
A*26:01:01G+A*26:03:01	A*26:36+A*66:05		
A*26:01:01G+A*26:18	A*26:12+A*26:28		
A*26:01:01G+A*26:28	A*26:14+A*26:52		
A*26:01:01G+A*26:29	A*26:15+A*26:49		
A*26:01:01G+A*29:01:01G	A*26:13+A*29:20		
A*26:01:01G+A*29:03	A*26:49+A*29:02:01G		
A*26:01:01G+A*29:27	A*26:55+A*29:02:01G		
A*26:01:01G+A*30:16	A*26:13+A*30:44	A*26:36+A*30:01:01G	
A*26:01:01G+A*30:25	A*26:13+A*30:02:01G		
A*26:01:01G+A*31:01:02G	A*26:43:01+A*31:30	A*26:52+A*31:41	
A*26:01:01G+A*31:01:05	A*26:43:02+A*31:30		
A*26:01:01G+A*31:05	A*26:49+A*31:01:02G		
A*26:01:01G+A*32:08	A*26:36+A*32:01:01G		
A*26:01:01G+A*32:13	A*26:49+A*32:01:01G		
A*26:01:01G+A*32:17	A*26:13+A*32:01:01G		
A*26:01:01G+A*32:22	A*26:52+A*32:02		
A*26:01:01G+A*33:08	A*26:07:02+A*33:03:01G		
A*26:01:01G+A*33:10	A*26:49+A*33:03:01G		
A*26:01:01G+A*33:24	A*26:30+A*33:13	A*26:36+A*33:11	
A*26:01:01G+A*33:32	A*26:10+A*33:01:05		
A*26:01:01G+A*34:03	A*26:14+A*34:02		
A*26:01:01G+A*36:01	A*26:09+A*36:04		
A*26:01:01G+A*66:01:01G	A*26:13+A*66:05		
A*26:01:01G+A*66:02	A*26:13+A*66:03		
A*26:01:01G+A*66:09	A*26:22+A*66:01:01G		
A*26:01:01G+A*66:10	A*26:49+A*66:01:01G		
A*26:01:01G+A*68:01:01G	A*26:01:17+A*68:01:05	A*26:12+A*68:42	A*26:13+A*68:03:03
A*26:01:01G+A*68:01:02G	A*26:13+A*68:03:01		
A*26:01:01G+A*68:01:04	A*26:01:03+A*68:01:01G		
A*26:01:01G+A*68:01:06	A*26:01:09+A*68:01:02G		
A*26:01:01G+A*68:02:01G	A*26:12+A*68:54	A*26:13+A*68:31	A*26:54+A*68:48
A*26:01:01G+A*68:02:02	A*26:01:03+A*68:02:01G		
A*26:01:01G+A*68:02:04	A*26:01:04+A*68:02:01G		
A*26:01:01G+A*68:05	A*26:36+A*68:03:01		
A*26:01:01G+A*68:08:01	A*26:43:02+A*68:01:01G		
A*26:01:01G+A*68:08:02	A*26:43:01+A*68:01:02G		
A*26:01:01G+A*68:09	A*26:08+A*68:01:02G		
A*26:01:01G+A*68:15	A*26:36+A*68:31		
A*26:01:01G+A*68:20	A*26:41+A*68:05		
A*26:01:01G+A*68:45	A*26:16+A*68:01:01G		
A*26:01:01G+A*68:51	A*26:52+A*68:02:01G		
A*26:01:01G+A*68:54	A*26:09+A*68:61		
A*26:01:01G+A*68:55	A*26:38+A*68:01:01G		
A*26:01:01G+A*68:63	A*26:43:01+A*68:42		
A*26:01:01G+A*68:65	A*26:49+A*68:01:02G		
A*26:01:01G+A*74:06	A*26:30+A*74:10	A*26:36+A*74:01:01G	
A*26:01:01G+A*74:13	A*26:13+A*74:01:01G	A*66:12+A*74:10	
A*26:01:03+A*68:02:04	A*26:01:04+A*68:02:02		
A*26:01:03+A*68:08:01	A*26:43:02+A*68:01:04		
A*26:01:03+A*68:45	A*26:16+A*68:01:04		
A*26:01:03+A*68:51	A*26:52+A*68:02:02		
A*26:01:03+A*68:55	A*26:38+A*68:01:04		
A*26:01:04+A*68:51	A*26:52+A*68:02:04		
A*26:01:09+A*68:08:02	A*26:43:01+A*68:01:06		
A*26:01:09+A*68:09	A*26:08+A*68:01:06		
A*26:01:09+A*68:65	A*26:49+A*68:01:06		
A*26:03:01+A*26:13	A*26:36+A*66:01:01G		
A*26:03:01+A*29:02:01G	A*26:13+A*29:19		
A*26:03:01+A*30:01:01G	A*30:16+A*66:05	A*30:44+A*66:01:01G	
A*26:03:01+A*30:02:01G	A*26:05+A*30:13		
A*26:03:01+A*30:04:01	A*26:05+A*30:46		
A*26:03:01+A*30:17	A*30:46+A*66:01:01G		
A*26:03:01+A*31:04	A*26:30+A*31:03		
A*26:03:01+A*33:03:01G	A*33:24+A*66:15		
A*26:03:01+A*33:11	A*33:24+A*66:05		
A*26:03:01+A*34:09	A*26:30+A*34:02		
A*26:03:01+A*66:12	A*26:30+A*66:01:01G		
A*26:03:01+A*68:01:02G	A*66:01:01G+A*68:05		
A*26:03:01+A*68:02:01G	A*66:01:01G+A*68:15		
A*26:03:01+A*68:03:01	A*66:05+A*68:05		
A*26:03:01+A*68:31	A*66:05+A*68:15		
A*26:03:01+A*68:65	A*66:10+A*68:05		
A*26:03:01+A*74:01:01G	A*66:05+A*74:06		
A*26:03:01+A*74:07	A*66:15+A*74:06		
A*26:03:01+A*74:13	A*66:01:01G+A*74:06		
A*26:05+A*30:17	A*30:04:01+A*66:01:01G		
A*26:07:01+A*33:01:02	A*26:07:02+A*33:01:01		
A*26:07:02+A*33:10	A*26:49+A*33:08		
A*26:07:02+A*68:09	A*26:48+A*68:30		
A*26:08+A*31:02	A*26:48+A*31:01:02G		
A*26:08+A*31:07	A*26:48+A*31:10		
A*26:08+A*32:01:01G	A*26:43:01+A*32:22		
A*26:08+A*32:01:06	A*26:43:02+A*32:22		
A*26:08+A*32:06	A*26:43:01+A*32:02		
A*26:08+A*33:08	A*26:48+A*33:09		
A*26:08+A*68:08:02	A*26:43:01+A*68:09		
A*26:08+A*68:65	A*26:49+A*68:09		
A*26:12+A*68:63	A*26:43:01+A*68:01:01G		
A*26:13+A*26:30	A*26:36+A*66:12		
A*26:13+A*30:46	A*26:36+A*30:17		
A*26:13+A*31:01:02G	A*26:19+A*33:03:01G		
A*26:13+A*31:01:05	A*26:19+A*33:03:05		
A*26:13+A*31:05	A*26:19+A*33:10		
A*26:13+A*31:06	A*26:19+A*33:18		
A*26:13+A*32:08	A*26:36+A*32:17		
A*26:13+A*32:13	A*26:49+A*32:17		
A*26:13+A*33:11	A*33:13+A*66:12		
A*26:13+A*68:01:02G	A*66:11+A*68:46		
A*26:13+A*68:05	A*26:36+A*68:01:02G		
A*26:13+A*68:15	A*26:36+A*68:02:01G		
A*26:13+A*74:06	A*26:36+A*74:13		
A*26:14+A*31:01:02G	A*26:28+A*31:41		
A*26:14+A*32:01:01G	A*26:28+A*32:06		

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A*26:14+A*32:22	A*26:28+A*32:02	
A*26:14+A*33:03:01G	A*26:18+A*33:28	
A*26:14+A*68:51	A*26:18+A*68:54	A*26:28+A*68:02:01G
A*26:15+A*29:03	A*26:29+A*29:02:01G	
A*26:15+A*31:05	A*26:29+A*31:01:02G	
A*26:15+A*32:13	A*26:29+A*32:01:01G	
A*26:15+A*33:10	A*26:29+A*33:03:01G	
A*26:15+A*66:10	A*26:29+A*66:01:01G	
A*26:15+A*68:65	A*26:29+A*68:01:02G	
A*26:16+A*68:08:01	A*26:43:02+A*68:45	
A*26:16+A*68:55	A*26:38+A*68:45	
A*26:18+A*68:42	A*26:28+A*68:01:01G	
A*26:22+A*66:10	A*26:49+A*66:09	
A*26:28+A*34:02	A*26:52+A*34:03	
A*26:30+A*30:01:01G	A*30:44+A*66:12	
A*26:30+A*30:17	A*30:46+A*66:12	
A*26:30+A*32:17	A*32:08+A*66:12	
A*26:30+A*68:01:02G	A*66:12+A*68:05	
A*26:30+A*68:02:01G	A*66:12+A*68:15	
A*26:30+A*74:13	A*66:12+A*74:06	
A*26:36+A*32:13	A*26:49+A*32:08	
A*26:38+A*68:08:01	A*26:43:02+A*68:55	
A*26:43:01+A*30:02:05	A*26:43:02+A*30:02:01G	
A*26:43:01+A*31:01:05	A*26:43:02+A*31:01:02G	
A*26:43:01+A*32:01:06	A*26:43:02+A*32:01:01G	
A*26:43:01+A*33:03:05	A*26:43:02+A*33:03:01G	
A*26:43:01+A*68:28	A*26:43:02+A*68:02:01G	
A*26:43:01+A*68:65	A*26:49+A*68:08:02	
A*26:49+A*29:27	A*26:55+A*29:03	
A*29:01:01G+A*30:02:01G	A*29:20+A*30:25	
A*29:01:01G+A*30:44	A*29:20+A*30:16	
A*29:01:01G+A*31:01:08	A*29:01:03+A*31:01:02G	
A*29:01:01G+A*31:16	A*29:12+A*31:01:02G	
A*29:01:01G+A*32:01:01G	A*29:20+A*32:17	
A*29:01:01G+A*33:01:05	A*29:01:02+A*33:01:01	
A*29:01:01G+A*66:03	A*29:20+A*66:02	
A*29:01:01G+A*66:05	A*29:20+A*66:01:01G	
A*29:01:01G+A*68:03:01	A*29:20+A*68:01:02G	
A*29:01:01G+A*68:03:03	A*29:20+A*68:01:01G	
A*29:01:01G+A*68:31	A*29:20+A*68:02:01G	
A*29:01:01G+A*74:01:01G	A*29:20+A*74:13	
A*29:01:03+A*31:16	A*29:12+A*31:01:08	
A*29:02:01G+A*31:05	A*29:03+A*31:01:02G	
A*29:02:01G+A*31:29	A*29:07+A*31:01:02G	
A*29:02:01G+A*32:12	A*29:06+A*32:01:01G	
A*29:02:01G+A*32:13	A*29:03+A*32:01:01G	
A*29:02:01G+A*33:10	A*29:03+A*33:03:01G	
A*29:02:01G+A*33:22	A*29:22+A*33:03:01G	
A*29:02:01G+A*33:34	A*29:09+A*33:01:01	
A*29:02:01G+A*66:10	A*29:03+A*66:01:01G	
A*29:02:01G+A*66:14	A*29:06+A*66:01:01G	
A*29:02:01G+A*68:14	A*29:06+A*68:10	
A*29:02:01G+A*68:65	A*29:03+A*68:01:02G	
A*29:03+A*31:29	A*29:07+A*31:05	
A*29:03+A*32:12	A*29:06+A*32:13	
A*29:03+A*33:22	A*29:22+A*33:10	
A*29:03+A*66:14	A*29:06+A*66:10	
A*29:13+A*74:06	A*29:19+A*32:17	
A*30:01:01G+A*30:03	A*30:02:01G+A*30:11:01	
A*30:01:01G+A*30:12	A*30:02:01G+A*30:18	
A*30:01:01G+A*30:46	A*30:17+A*30:44	
A*30:01:01G+A*31:15	A*30:31+A*31:01:02G	
A*30:01:01G+A*31:44	A*30:11:02+A*31:01:02G	
A*30:01:01G+A*32:08	A*30:16+A*32:01:01G	A*30:44+A*32:17
A*30:01:01G+A*33:07	A*30:23+A*33:01:01	
A*30:01:01G+A*33:24	A*30:16+A*33:11	
A*30:01:01G+A*34:02	A*30:11:02+A*34:04	
A*30:01:01G+A*68:01:02G	A*30:26+A*68:06	
A*30:01:01G+A*68:05	A*30:16+A*68:03:01	A*30:44+A*68:01:02G
A*30:01:01G+A*68:15	A*30:16+A*68:31	A*30:44+A*68:02:01G
A*30:01:01G+A*68:34	A*30:43+A*68:02:01G	
A*30:01:01G+A*74:06	A*30:16+A*74:01:01G	A*30:44+A*74:13
A*30:02:01G+A*30:16	A*30:25+A*30:44	
A*30:02:01G+A*30:46	A*30:04:01+A*30:13	
A*30:02:01G+A*31:01:05	A*30:02:05+A*31:01:02G	
A*30:02:01G+A*32:01:06	A*30:02:05+A*32:01:01G	
A*30:02:01G+A*32:17	A*30:25+A*32:01:01G	
A*30:02:01G+A*33:03:05	A*30:02:05+A*33:03:01G	
A*30:02:01G+A*66:01:01G	A*30:25+A*66:05	
A*30:02:01G+A*66:02	A*30:25+A*66:03	
A*30:02:01G+A*68:01:01G	A*30:25+A*68:03:03	
A*30:02:01G+A*68:01:02G	A*30:25+A*68:03:01	
A*30:02:01G+A*68:02:01G	A*30:25+A*68:31	
A*30:02:01G+A*68:28	A*30:02:05+A*68:02:01G	
A*30:02:01G+A*74:13	A*30:25+A*74:01:01G	
A*30:02:05+A*32:17	A*30:25+A*32:01:06	
A*30:03+A*30:18	A*30:11:01+A*30:12	
A*30:11:01+A*31:01:02G	A*30:11:02+A*31:01:07	
A*30:11:02+A*31:15	A*30:31+A*31:44	
A*30:16+A*66:03	A*30:44+A*66:02	
A*30:16+A*68:03:03	A*30:44+A*68:01:01G	
A*30:17+A*32:08	A*30:46+A*32:17	
A*30:17+A*68:05	A*30:46+A*68:01:02G	
A*30:17+A*68:15	A*30:46+A*68:02:01G	
A*30:17+A*74:06	A*30:46+A*74:13	
A*30:43+A*68:15	A*30:44+A*68:34	
A*31:01:02G+A*31:07	A*31:02+A*31:10	
A*31:01:02G+A*31:08	A*31:07+A*33:21	
A*31:01:02G+A*32:01:06	A*31:01:05+A*32:01:01G	
A*31:01:02G+A*32:02	A*31:41+A*32:22	
A*31:01:02G+A*32:03	A*31:10+A*74:07	
A*31:01:02G+A*32:06	A*31:41+A*32:01:01G	
A*31:01:02G+A*32:13	A*31:05+A*32:01:01G	
A*31:01:02G+A*32:21	A*31:45+A*32:01:01G	
A*31:01:02G+A*32:26	A*31:25+A*32:01:01G	

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A*31:01:02G+A*32:30	A*31:06+A*32:01:01G	
A*31:01:02G+A*33:03:05	A*31:01:05+A*33:03:01G	
A*31:01:02G+A*33:08	A*31:02+A*33:09	
A*31:01:02G+A*33:10	A*31:05+A*33:03:01G	
A*31:01:02G+A*33:16	A*31:45+A*33:01:01	
A*31:01:02G+A*33:18	A*31:06+A*33:03:01G	
A*31:01:02G+A*34:02	A*31:44+A*34:04	
A*31:01:02G+A*66:10	A*31:05+A*66:01:01G	
A*31:01:02G+A*68:01:02G	A*31:30+A*68:08:02	
A*31:01:02G+A*68:02:01G	A*31:41+A*68:51	
A*31:01:02G+A*68:02:03	A*31:01:09+A*68:02:01G	
A*31:01:02G+A*68:28	A*31:01:05+A*68:02:01G	
A*31:01:02G+A*68:40	A*31:09+A*68:02:01G	
A*31:01:02G+A*68:42	A*31:30+A*68:63	
A*31:01:02G+A*68:64	A*31:37+A*68:02:01G	
A*31:01:02G+A*68:65	A*31:05+A*68:01:02G	
A*31:01:05+A*32:06	A*31:41+A*32:01:06	
A*31:01:05+A*32:13	A*31:05+A*32:01:06	
A*31:01:05+A*32:21	A*31:45+A*32:01:06	
A*31:01:05+A*32:26	A*31:25+A*32:01:06	
A*31:01:05+A*32:30	A*31:06+A*32:01:06	
A*31:01:05+A*33:10	A*31:05+A*33:03:05	
A*31:01:05+A*33:18	A*31:06+A*33:03:05	
A*31:01:05+A*68:01:01G	A*31:30+A*68:08:01	
A*31:01:05+A*68:02:03	A*31:01:09+A*68:28	
A*31:01:05+A*68:40	A*31:09+A*68:28	
A*31:01:05+A*68:64	A*31:37+A*68:28	
A*31:01:09+A*68:40	A*31:09+A*68:02:03	
A*31:01:09+A*68:64	A*31:37+A*68:02:03	
A*31:02+A*32:03	A*31:07+A*74:07	
A*31:03+A*34:09	A*31:04+A*34:02	
A*31:03+A*66:12	A*31:04+A*66:01:01G	
A*31:05+A*32:06	A*31:41+A*32:13	
A*31:05+A*32:21	A*31:45+A*32:13	
A*31:05+A*32:26	A*31:25+A*32:13	
A*31:05+A*32:30	A*31:06+A*32:13	
A*31:05+A*33:18	A*31:06+A*33:10	
A*31:06+A*32:06	A*31:41+A*32:30	
A*31:06+A*32:21	A*31:45+A*32:30	
A*31:06+A*32:26	A*31:25+A*32:30	
A*31:07+A*33:09	A*31:10+A*33:08	
A*31:09+A*68:64	A*31:37+A*68:40	
A*31:25+A*32:06	A*31:41+A*32:26	
A*31:25+A*32:21	A*31:45+A*32:26	
A*31:41+A*32:21	A*31:45+A*32:06	
A*32:01:01G+A*32:02	A*32:06+A*32:22	
A*32:01:01G+A*33:03:05	A*32:01:06+A*33:03:01G	
A*32:01:01G+A*33:10	A*32:13+A*33:03:01G	
A*32:01:01G+A*33:16	A*32:21+A*33:01:01	
A*32:01:01G+A*33:18	A*32:30+A*33:03:01G	
A*32:01:01G+A*33:24	A*32:08+A*33:11	
A*32:01:01G+A*33:32	A*32:28+A*33:01:01	
A*32:01:01G+A*66:02	A*32:17+A*66:03	
A*32:01:01G+A*66:10	A*32:13+A*66:01:01G	
A*32:01:01G+A*66:14	A*32:12+A*66:01:01G	
A*32:01:01G+A*68:01:01G	A*32:17+A*68:03:03	
A*32:01:01G+A*68:01:02G	A*32:15+A*68:66	A*32:17+A*68:03:01
A*32:01:01G+A*68:02:01G	A*32:06+A*68:51	A*32:17+A*68:31
A*32:01:01G+A*68:05	A*32:08+A*68:03:01	
A*32:01:01G+A*68:09	A*32:22+A*68:08:02	
A*32:01:01G+A*68:14	A*32:12+A*68:10	
A*32:01:01G+A*68:15	A*32:08+A*68:31	
A*32:01:01G+A*68:28	A*32:01:06+A*68:02:01G	
A*32:01:01G+A*68:65	A*32:13+A*68:01:02G	
A*32:01:01G+A*74:06	A*32:08+A*74:01:01G	
A*32:01:01G+A*74:13	A*32:17+A*74:01:01G	
A*32:01:06+A*33:10	A*32:13+A*33:03:05	
A*32:01:06+A*33:18	A*32:30+A*33:03:05	
A*32:02+A*68:08:02	A*32:06+A*68:09	
A*32:02+A*68:51	A*32:22+A*68:02:01G	
A*32:03+A*68:01:02G	A*68:36+A*74:01:01G	
A*32:06+A*66:01:01G	A*32:10+A*66:06	
A*32:08+A*68:01:02G	A*32:17+A*68:05	
A*32:08+A*68:02:01G	A*32:17+A*68:15	
A*32:08+A*74:13	A*32:17+A*74:06	
A*32:12+A*66:10	A*32:13+A*66:14	
A*32:13+A*33:18	A*32:30+A*33:10	
A*32:21+A*33:32	A*32:28+A*33:16	
A*33:01:01+A*33:33	A*33:03:01G+A*33:04	
A*33:01:01+A*66:01:01G	A*33:03:01G+A*66:04	
A*33:01:01+A*66:10	A*33:10+A*66:04	
A*33:01:01+A*66:11	A*33:17+A*66:04	
A*33:03:01G+A*66:05	A*33:11+A*66:15	
A*33:03:01G+A*66:10	A*33:10+A*66:01:01G	
A*33:03:01G+A*66:11	A*33:17+A*66:01:01G	
A*33:03:01G+A*68:03:03	A*33:11+A*68:04	
A*33:03:01G+A*68:28	A*33:03:05+A*68:02:01G	
A*33:03:01G+A*68:30	A*33:09+A*68:01:02G	
A*33:03:01G+A*68:54	A*33:28+A*68:51	
A*33:03:01G+A*68:65	A*33:10+A*68:01:02G	
A*33:03:01G+A*74:01:01G	A*33:11+A*74:07	
A*33:03:01G+A*74:06	A*33:24+A*74:07	
A*33:03:01G+A*74:10	A*33:13+A*74:07	
A*33:04+A*66:01:01G	A*33:33+A*66:04	
A*33:09+A*68:65	A*33:10+A*68:30	
A*33:10+A*66:11	A*33:17+A*66:10	
A*33:11+A*68:05	A*33:24+A*68:03:01	
A*33:11+A*68:15	A*33:24+A*68:31	
A*33:11+A*74:06	A*33:24+A*74:01:01G	
A*33:11+A*74:10	A*33:13+A*74:01:01G	
A*33:13+A*74:06	A*33:24+A*74:10	
A*34:02+A*66:12	A*34:09+A*66:01:01G	
A*36:01+A*68:61	A*36:04+A*68:54	
A*66:01:01G+A*66:03	A*66:02+A*66:05	
A*66:01:01G+A*68:03:01	A*66:05+A*68:01:02G	

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A*66:01:01G+A*68:03:03	A*66:05+A*68:01:01G
A*66:01:01G+A*68:04	A*66:15+A*68:01:01G
A*66:01:01G+A*68:14	A*66:14+A*68:10
A*66:01:01G+A*68:31	A*66:05+A*68:02:01G
A*66:01:01G+A*68:65	A*66:10+A*68:01:02G
A*66:01:01G+A*74:01:01G	A*66:05+A*74:13
A*66:01:01G+A*74:07	A*66:15+A*74:13
A*66:02+A*68:03:01	A*66:03+A*68:01:02G
A*66:02+A*68:03:03	A*66:03+A*68:01:01G
A*66:02+A*68:31	A*66:03+A*68:02:01G
A*66:02+A*74:01:01G	A*66:03+A*74:13
A*66:05+A*68:04	A*66:15+A*68:03:03
A*66:05+A*68:65	A*66:10+A*68:03:01
A*66:05+A*74:07	A*66:15+A*74:01:01G
A*68:01:01G+A*68:02:01G	A*68:27+A*68:39
A*68:01:01G+A*68:02:02	A*68:01:04+A*68:02:01G
A*68:01:01G+A*68:03:01	A*68:01:02G+A*68:03:03
A*68:01:01G+A*68:31	A*68:02:01G+A*68:03:03
A*68:01:01G+A*68:54	A*68:02:01G+A*68:42
A*68:01:01G+A*74:01:01G	A*68:03:03+A*74:13
A*68:01:01G+A*74:07	A*68:04+A*74:13
A*68:01:02G+A*68:15	A*68:02:01G+A*68:05
A*68:01:02G+A*68:31	A*68:02:01G+A*68:03:01
A*68:01:02G+A*68:63	A*68:08:02+A*68:42
A*68:01:02G+A*74:01:01G	A*68:03:01+A*74:13
A*68:01:02G+A*74:06	A*68:05+A*74:13
A*68:01:04+A*68:31	A*68:02:02+A*68:03:03
A*68:01:04+A*68:54	A*68:02:02+A*68:42
A*68:02:01G+A*74:01:01G	A*68:31+A*74:13
A*68:02:01G+A*74:06	A*68:15+A*74:13
A*68:03:01+A*68:15	A*68:05+A*68:31
A*68:03:01+A*74:06	A*68:05+A*74:01:01G
A*68:03:03+A*68:54	A*68:31+A*68:42
A*68:03:03+A*74:07	A*68:04+A*74:01:01G
A*68:08:01+A*68:54	A*68:28+A*68:63
A*68:15+A*74:01:01G	A*68:31+A*74:06

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HLA-B Ambiguities, Release 3.2.0

Sequences identical over exons 2+3

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*	*Allele 6*	*Allele 7*	*Allele 8*	*Allele 9*	*Allele 10*
B*07:02:01G	B*07:02:01	B*07:02:06	B*07:02:09	B*07:44	B*07:49N	B*07:58	B*07:59	B*07:61		
B*07:05:01G	B*07:05:01	B*07:06								
B*08:01:01G	B*08:01:01	B*08:19N								
B*13:01:01G	B*13:01:01	B*13:01:05								
B*13:02:01G	B*13:02:01	B*13:02:05	B*13:02:09	B*13:38						
B*15:01:01G	B*15:01:01:01	B*15:01:01:02N	B*15:01:06	B*15:01:07	B*15:01:20	B*15:102	B*15:104	B*15:140	B*15:146	B*15:201
B*15:03:01G	B*15:03:01	B*15:103								
B*15:07:01G	B*15:07:01	B*15:07:02								
B*15:11:01G	B*15:11:01	B*15:11:05								
B*15:12:01G	B*15:12	B*15:19								
B*15:17:01G	B*15:17:01:01	B*15:17:01:02								
B*15:18:01G	B*15:18:01	B*15:198								
B*15:25:01G	B*15:25:01	B*15:25:03								
B*15:123:01G	B*15:123	B*15:151								
B*18:01:01G	B*18:01:01	B*18:01:03	B*18:17N							
B*27:04:01G	B*27:04:01	B*27:68	B*27:69							
B*27:05:02G	B*27:05:02	B*27:05:04	B*27:13							
B*35:01:01G	B*35:01:01:01	B*35:01:01:02	B*35:01:03	B*35:40N	B*35:42:01	B*35:57	B*35:94	B*35:134N		
B*35:03:01G	B*35:03:01	B*35:70								
B*35:43:01G	B*35:43:01	B*35:67	B*35:79							
B*35:137:01G	B*35:137	B*35:147								
B*37:01:01G	B*37:01:01	B*37:23								
B*38:02:01G	B*38:02:01	B*38:18								
B*39:01:01G	B*39:01:01:01	B*39:01:01:02L	B*39:01:03	B*39:46	B*39:59					
B*40:01:01G	B*40:01:01	B*40:01:02	B*40:55	B*40:141	B*40:150	B*40:151				
B*40:02:01G	B*40:02:01	B*40:56	B*40:97	B*40:144N						
B*40:06:01G	B*40:06:01:01	B*40:06:01:02	B*40:06:03							
B*44:02:01G	B*44:02:01:01	B*44:02:01:02S	B*44:19N	B*44:27	B*44:66					
B*44:03:01G	B*44:03:01	B*44:03:03	B*44:03:04							
B*45:01:01G	B*45:01	B*45:07	B*45:13							
B*46:01:01G	B*46:01:01	B*46:15N	B*46:24							
B*47:01:01G	B*47:01:01:01	B*47:01:01:02								
B*48:01:01G	B*48:01:01	B*48:01:03	B*48:09							
B*51:01:01G	B*51:01:01	B*51:01:05	B*51:01:07	B*51:11N	B*51:30	B*51:32	B*51:48	B*51:51		
B*52:01:01G	B*52:01:01	B*52:07								
B*54:01:01G	B*54:01	B*54:17								
B*55:01:01G	B*55:01:01	B*55:01:03								
B*55:02:01G	B*55:02:01	B*55:02:05								
B*56:01:01G	B*56:01:01	B*56:24								
B*57:01:01G	B*57:01:01	B*57:29	B*57:37							
B*58:01:01G	B*58:01:01	B*58:01:04	B*58:01:06	B*58:01:07	B*58:11	B*58:30	B*58:31N			
B*81:01:01G	B*81:01	B*81:02	B*81:03							

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 + 3 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
B*07:08	B*07:02:01
B*08:03	B*08:01:01
B*45:05	B*45:01
B*51:10	B*51:01:01

Alleles removed from analysis due to insertions or deletions

Allele
B*07:67N
B*08:08N
B*13:07N
B*15:79N
B*15:111N
B*15:149N
B*27:66N
B*35:53N
B*35:145N
B*39:25N
B*40:142N
B*40:155N
B*44:52N
B*54:05N
B*58:10N
B*58:17N

Ambiguous typing combinations over exon 2 + 3

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*	*Combination 5*
B*07:02:01G+B*07:05:03	B*07:02:11+B*07:05:01G			
B*07:02:01G+B*07:05:04	B*07:02:03+B*07:05:01G			

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B*07:02:01G+B*07:05:05	B*07:02:16+B*07:05:01G			
B*07:02:01G+B*07:08	B*07:03+B*07:83			
B*07:02:01G+B*07:11	B*07:09+B*07:57			
B*07:02:01G+B*07:14	B*07:18:02+B*07:96:01			
B*07:02:01G+B*07:16	B*07:03+B*07:91			
B*07:02:01G+B*07:17	B*07:09+B*07:96:01			
B*07:02:01G+B*07:22:02	B*07:02:13+B*07:22:01			
B*07:02:01G+B*07:32	B*07:05:01G+B*07:08			
B*07:02:01G+B*07:34	B*07:05:01G+B*07:43	B*07:31+B*07:80		
B*07:02:01G+B*07:36	B*07:57+B*07:81			
B*07:02:01G+B*07:43	B*07:26+B*07:31			
B*07:02:01G+B*07:53	B*07:05:01G+B*07:33			
B*07:02:01G+B*07:60	B*07:24+B*07:33			
B*07:02:01G+B*07:68:02	B*07:02:13+B*07:68:01			
B*07:02:01G+B*07:69	B*07:05:01G+B*07:85			
B*07:02:01G+B*07:75	B*07:57+B*07:91			
B*07:02:01G+B*07:80	B*07:05:01G+B*07:26			
B*07:02:01G+B*07:85	B*07:03+B*07:10			
B*07:02:01G+B*08:01:01G	B*07:02:03+B*08:01:11	B*07:02:14+B*08:01:13	B*07:05:01G+B*08:07	
B*07:02:01G+B*08:01:13	B*07:02:13+B*08:01:02	B*07:25+B*08:20		
B*07:02:01G+B*08:03	B*07:36+B*08:23	B*07:75+B*08:52		
B*07:02:01G+B*08:12:01	B*07:07+B*08:01:01G			
B*07:02:01G+B*08:12:02	B*07:07+B*08:01:12			
B*07:02:01G+B*08:13	B*07:43+B*08:40			
B*07:02:01G+B*08:15	B*07:92+B*08:01:01G			
B*07:02:01G+B*08:18	B*07:102+B*08:01:01G			
B*07:02:01G+B*08:23	B*07:91+B*08:01:01G			
B*07:02:01G+B*08:28	B*07:17+B*08:07	B*07:96:01+B*08:37		
B*07:02:01G+B*08:35	B*07:05:01G+B*08:37	B*07:09+B*08:01:01G		
B*07:02:01G+B*08:37	B*07:09+B*08:07			
B*07:02:01G+B*08:39	B*07:93+B*08:01:01G			
B*07:02:01G+B*08:47	B*07:57+B*08:01:01G			
B*07:02:01G+B*08:52	B*07:81+B*08:01:01G			
B*07:02:01G+B*08:55	B*07:45+B*08:13			
B*07:02:01G+B*08:64	B*07:113+B*08:01:01G			
B*07:02:01G+B*13:01:01G	B*07:54+B*13:36	B*07:57+B*13:25		
B*07:02:01G+B*13:02:01G	B*07:26+B*13:18	B*07:86+B*13:14		
B*07:02:01G+B*13:06	B*07:31+B*13:01:01G			
B*07:02:01G+B*13:22:02	B*07:02:13+B*13:22:01			
B*07:02:01G+B*14:02:01	B*07:26+B*14:03			
B*07:02:01G+B*14:02:06	B*07:02:08+B*14:02:03			
B*07:02:01G+B*14:06:01	B*07:07+B*14:05			
B*07:02:01G+B*14:11	B*07:86+B*14:01:01	B*07:114+B*14:02:01		
B*07:02:01G+B*14:14	B*07:91+B*14:01:01			
B*07:02:01G+B*14:17	B*07:76+B*14:02:01			
B*07:02:01G+B*14:18	B*07:91+B*14:02:01			
B*07:02:01G+B*15:01:01G	B*07:07+B*15:07:01G	B*07:09+B*15:63	B*07:24+B*15:117	B*07:50+B*15:101
	B*07:54+B*15:15	B*07:55+B*15:65	B*07:68:01+B*15:78:02	B*07:91+B*15:70
	B*07:114+B*15:125	B*15:76+B*48:08		
B*07:02:01G+B*15:01:02	B*07:02:11+B*15:01:01G			
B*07:02:01G+B*15:01:03	B*07:02:07+B*15:01:01G			
B*07:02:01G+B*15:01:08	B*07:02:20+B*15:01:01G			
B*07:02:01G+B*15:02:01	B*07:02:08+B*15:02:02	B*07:02:14+B*15:02:03		
B*07:02:01G+B*15:03:01G	B*07:02:03+B*15:03:03	B*07:54+B*15:64	B*07:91+B*15:61	
B*07:02:01G+B*15:05:01	B*07:48+B*15:65	B*07:68:01+B*15:107		
B*07:02:01G+B*15:05:02	B*07:02:13+B*15:05:01	B*07:68:02+B*15:107		
B*07:02:01G+B*15:06	B*07:96:01+B*15:195			
B*07:02:01G+B*15:07:01G	B*07:09+B*15:45			
B*07:02:01G+B*15:08	B*07:83+B*15:11:01G			
B*07:02:01G+B*15:09	B*07:05:03+B*15:10:01			
B*07:02:01G+B*15:10:01	B*07:02:03+B*15:10:02	B*07:26+B*15:99		
B*07:02:01G+B*15:11:01G	B*07:16+B*15:76			
B*07:02:01G+B*15:11:04	B*07:02:03+B*15:11:01G			
B*07:02:01G+B*15:12:01G	B*07:64+B*15:01:01G			
B*07:02:01G+B*15:13	B*07:36+B*15:02:01			
B*07:02:01G+B*15:14	B*07:20+B*15:117			
B*07:02:01G+B*15:15	B*07:50+B*15:76			
B*07:02:01G+B*15:18:01G	B*07:09+B*15:10:01			
B*07:02:01G+B*15:23	B*07:36+B*15:18:01G			
B*07:02:01G+B*15:24	B*07:36+B*15:01:01G	B*07:57+B*15:87	B*07:81+B*15:135	
B*07:02:01G+B*15:25:01G	B*07:54+B*15:02:01			
B*07:02:01G+B*15:25:02	B*07:54+B*15:02:05			
B*07:02:01G+B*15:27:03	B*07:02:13+B*15:27:01			
B*07:02:01G+B*15:30	B*07:05:01G+B*15:63	B*07:68:01+B*15:150		
B*07:02:01G+B*15:31	B*07:07+B*15:55			
B*07:02:01G+B*15:32	B*07:77+B*15:07:01G			
B*07:02:01G+B*15:35	B*07:68:01+B*15:141			
B*07:02:01G+B*15:36	B*07:54+B*15:89			
B*07:02:01G+B*15:38:02	B*07:02:13+B*15:38:01			
B*07:02:01G+B*15:39:01	B*07:24+B*15:40	B*07:26+B*15:65	B*07:60+B*15:138	
B*07:02:01G+B*15:39:02	B*07:02:13+B*15:39:01			
B*07:02:01G+B*15:40	B*07:33+B*15:138			
B*07:02:01G+B*15:43	B*07:27+B*15:101			
B*07:02:01G+B*15:49	B*07:47+B*15:47			
B*07:02:01G+B*15:50	B*07:31+B*15:117			
B*07:02:01G+B*15:56	B*07:54+B*15:08	B*07:83+B*15:152		
B*07:02:01G+B*15:57	B*07:92+B*15:135			
B*07:02:01G+B*15:60	B*07:117+B*15:01:01G			
B*07:02:01G+B*15:63	B*07:07+B*15:45			
B*07:02:01G+B*15:66	B*07:10+B*15:152			
B*07:02:01G+B*15:74	B*07:116+B*15:03:01G			
B*07:02:01G+B*15:78:01	B*07:02:14+B*15:78:02			
B*07:02:01G+B*15:85	B*07:12+B*15:07:01G			
B*07:02:01G+B*15:87	B*07:81+B*15:01:01G			
B*07:02:01G+B*15:90	B*07:52+B*15:10:01			
B*07:02:01G+B*15:101	B*07:54+B*15:76			
B*07:02:01G+B*15:108	B*07:45+B*15:18:01G			
B*07:02:01G+B*15:128	B*07:17+B*15:63	B*07:96:01+B*15:01:01G		
B*07:02:01G+B*15:135	B*07:11+B*15:63	B*07:57+B*15:01:01G	B*07:75+B*15:70	
B*07:02:01G+B*15:136	B*07:45+B*15:05:01			
B*07:02:01G+B*15:152	B*07:16+B*15:101	B*07:54+B*15:11:01G		
B*07:02:01G+B*15:154	B*07:18:02+B*15:07:01G			
B*07:02:01G+B*15:156	B*07:96:01+B*15:03:01G			
B*07:02:01G+B*15:157	B*07:46+B*15:24			
B*07:02:01G+B*15:159	B*07:23+B*15:01:01G			

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B*07:02:01G+B*15:162	B*07:51+B*15:17:01G			
B*07:02:01G+B*18:01:01G	B*07:07+B*18:14	B*07:26+B*18:13	B*07:31+B*18:50	B*07:48+B*18:30
	B*07:91+B*18:03			
B*07:02:01G+B*18:06	B*07:92+B*18:01:01G			
B*07:02:01G+B*18:11	B*07:31+B*18:10			
B*07:02:01G+B*18:12	B*07:54+B*18:01:01G			
B*07:02:01G+B*18:15	B*07:26+B*18:30			
B*07:02:01G+B*18:18	B*07:77+B*18:14			
B*07:02:01G+B*18:19	B*07:55+B*18:30			
B*07:02:01G+B*18:20	B*07:96:01+B*18:01:01G			
B*07:02:01G+B*18:25	B*07:86+B*18:43			
B*07:02:01G+B*18:36	B*07:24+B*18:50			
B*07:02:01G+B*18:49	B*07:57+B*18:01:01G	B*07:75+B*18:03		
B*07:02:01G+B*27:02	B*07:36+B*27:08			
B*07:02:01G+B*27:04:03	B*07:02:11+B*27:04:01G			
B*07:02:01G+B*27:05:02G	B*07:26+B*27:45			
B*07:02:01G+B*27:05:15	B*07:02:07+B*27:05:02G			
B*07:02:01G+B*27:12	B*07:03+B*27:26			
B*07:02:01G+B*27:14	B*07:84+B*27:32			
B*07:02:01G+B*27:15	B*07:31+B*27:04:01G			
B*07:02:01G+B*27:19	B*07:18:02+B*27:32			
B*07:02:01G+B*27:38	B*07:24+B*27:05:02G			
B*07:02:01G+B*27:44	B*07:91+B*27:08			
B*07:02:01G+B*27:53	B*07:81+B*27:42			
B*07:02:01G+B*27:55	B*07:87+B*27:05:02G			
B*07:02:01G+B*27:63	B*07:24+B*27:04:01G			
B*07:02:01G+B*27:70	B*07:07+B*27:32			
B*07:02:01G+B*27:71	B*07:31+B*27:05:02G	B*07:43+B*27:45		
B*07:02:01G+B*35:01:01G	B*07:02:08+B*35:01:08	B*07:09+B*35:34	B*07:12+B*35:51	B*07:18:01+B*35:05:01
	B*07:24+B*35:15	B*07:26+B*35:08:01	B*07:68:02+B*35:64	B*07:91+B*35:29
	B*07:114+B*35:54			
B*07:02:01G+B*35:01:04	B*07:07+B*35:30	B*07:18:02+B*35:05:01	B*07:26+B*35:08:03	
B*07:02:01G+B*35:01:06	B*07:02:16+B*35:01:01G			
B*07:02:01G+B*35:01:10	B*07:02:11+B*35:01:01G			
B*07:02:01G+B*35:01:19	B*07:02:08+B*35:01:15			
B*07:02:01G+B*35:03:01G	B*07:02:13+B*35:03:02	B*07:24+B*35:33	B*07:91+B*35:136	
B*07:02:01G+B*35:04:01	B*07:05:01G+B*35:34	B*07:12+B*35:22	B*07:68:02+B*35:09:02	
B*07:02:01G+B*35:04:02	B*07:02:11+B*35:04:01	B*07:05:03+B*35:34		
B*07:02:01G+B*35:05:01	B*07:68:02+B*35:114			
B*07:02:01G+B*35:06	B*07:05:01G+B*35:03:01G			
B*07:02:01G+B*35:09:02	B*07:26+B*35:18			
B*07:02:01G+B*35:10	B*07:26+B*35:80	B*07:54+B*35:01:01G	B*07:91+B*35:69	
B*07:02:01G+B*35:11:01	B*07:02:13+B*35:11:02	B*07:18:01+B*35:58		
B*07:02:01G+B*35:12:01	B*07:05:01G+B*35:39	B*07:18:02+B*35:22		
B*07:02:01G+B*35:12:02	B*07:18:01+B*35:22			
B*07:02:01G+B*35:13	B*07:54+B*35:03:01G			
B*07:02:01G+B*35:14:01	B*07:02:13+B*35:14:02			
B*07:02:01G+B*35:16	B*07:54+B*35:17			
B*07:02:01G+B*35:20:01	B*07:18:01+B*35:72	B*07:50+B*35:76		
B*07:02:01G+B*35:27	B*07:11+B*35:34	B*07:57+B*35:01:01G	B*07:75+B*35:29	
B*07:02:01G+B*35:28	B*07:54+B*35:20:01	B*35:76+B*48:08		
B*07:02:01G+B*35:29	B*07:08+B*35:76			
B*07:02:01G+B*35:35	B*07:45+B*35:93			
B*07:02:01G+B*35:43:01G	B*07:24+B*35:86	B*07:55+B*35:99	B*07:68:01+B*35:118	
B*07:02:01G+B*35:48	B*07:77+B*35:30			
B*07:02:01G+B*35:56	B*07:57+B*35:03:01G	B*07:75+B*35:136		
B*07:02:01G+B*35:62	B*07:55+B*35:08:01			
B*07:02:01G+B*35:64	B*07:18:01+B*35:114			
B*07:02:01G+B*35:68:02	B*07:07+B*35:05:01			
B*07:02:01G+B*35:69	B*07:54+B*35:29			
B*07:02:01G+B*35:71	B*07:20+B*35:15	B*07:26+B*35:45		
B*07:02:01G+B*35:74	B*07:92+B*35:03:01G			
B*07:02:01G+B*35:80	B*07:54+B*35:08:01			
B*07:02:01G+B*35:93	B*07:31+B*35:15			
B*07:02:01G+B*35:101:02	B*07:93+B*35:01:01G			
B*07:02:01G+B*35:115	B*07:04+B*35:08:01			
B*07:02:01G+B*35:124	B*07:26+B*35:142			
B*07:02:01G+B*35:137:01G	B*07:73+B*35:01:01G			
B*07:02:01G+B*37:01:04	B*07:02:19+B*37:01:01G			
B*07:02:01G+B*37:18	B*07:62+B*37:01:01G			
B*07:02:01G+B*38:01:01	B*07:02:13+B*38:01:03	B*07:07+B*38:19	B*07:36+B*39:05:01	B*07:91+B*38:14
B*07:02:01G+B*38:04	B*07:54+B*38:02:03			
B*07:02:01G+B*38:11	B*07:110+B*38:01:01			
B*07:02:01G+B*38:14	B*07:36+B*39:01:01G	B*07:85+B*38:26		
B*07:02:01G+B*38:19	B*07:36+B*39:37			
B*07:02:01G+B*38:20	B*07:18:02+B*38:19			
B*07:02:01G+B*38:23	B*07:95+B*38:02:01G			
B*07:02:01G+B*38:26	B*07:36+B*67:01:01			
B*07:02:01G+B*39:01:01G	B*07:02:13+B*39:01:05	B*07:05:01G+B*39:15	B*07:07+B*39:03	B*07:31+B*39:47
	B*07:45+B*39:30	B*07:85+B*67:01:01		
B*07:02:01G+B*39:01:09	B*07:10+B*39:10	B*07:85+B*67:01:02		
B*07:02:01G+B*39:02:01	B*07:54+B*39:39			
B*07:02:01G+B*39:04	B*07:86+B*39:01:01G			
B*07:02:01G+B*39:05:01	B*07:05:01G+B*39:55	B*07:07+B*39:37	B*07:26+B*39:11	B*07:91+B*39:01:01G
B*07:02:01G+B*39:06:02	B*07:31+B*39:50	B*07:45+B*39:34		
B*07:02:01G+B*39:09	B*07:77+B*39:03			
B*07:02:01G+B*39:10	B*07:03+B*67:01:02			
B*07:02:01G+B*39:13:01	B*07:02:03+B*39:13:02	B*07:05:01G+B*39:49	B*07:91+B*39:02:02	B*48:08+B*67:01:02
B*07:02:01G+B*39:14	B*07:05:01G+B*39:29			
B*07:02:01G+B*39:20	B*07:75+B*39:10			
B*07:02:01G+B*39:22	B*07:54+B*39:01:01G			
B*07:02:01G+B*39:27	B*07:92+B*39:01:01G			
B*07:02:01G+B*39:37	B*07:91+B*39:03			
B*07:02:01G+B*39:42	B*07:18:02+B*39:03			
B*07:02:01G+B*39:44	B*07:90+B*39:15			
B*07:02:01G+B*39:55	B*07:91+B*39:15			
B*07:02:01G+B*39:58	B*07:08+B*67:01:01			
B*07:02:01G+B*39:60	B*07:51+B*39:35			
B*07:02:01G+B*40:01:01G	B*07:05:01G+B*40:33	B*07:07+B*40:80	B*07:26+B*40:128	B*07:54+B*40:25
	B*07:86+B*40:74	B*07:91+B*40:43		
B*07:02:01G+B*40:01:06	B*07:02:11+B*40:01:01G	B*07:05:03+B*40:33		
B*07:02:01G+B*40:01:14	B*07:02:14+B*40:01:01G			
B*07:02:01G+B*40:02:01G	B*07:02:03+B*40:02:04	B*07:05:01G+B*40:18	B*07:91+B*40:50	
B*07:02:01G+B*40:03	B*07:09+B*40:18			
B*07:02:01G+B*40:06:01G	B*07:05:01G+B*40:44			

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B*07:02:01G+B*40:07	B*07:54+B*40:106	B*07:83+B*40:61		
B*07:02:01G+B*40:09	B*07:96:01+B*40:18			
B*07:02:01G+B*40:10:01	B*07:02:03+B*40:10:02			
B*07:02:01G+B*40:11:01	B*07:07+B*40:02:01G			
B*07:02:01G+B*40:11:02	B*07:07+B*40:02:09			
B*07:02:01G+B*40:14:01	B*07:02:13+B*40:14:02			
B*07:02:01G+B*40:14:02	B*07:02:14+B*40:14:03			
B*07:02:01G+B*40:16	B*07:05:01G+B*40:32			
B*07:02:01G+B*40:19	B*07:36+B*40:02:01G	B*07:81+B*40:37		
B*07:02:01G+B*40:20	B*07:07+B*40:03			
B*07:02:01G+B*40:32	B*07:86+B*40:98			
B*07:02:01G+B*40:33	B*07:07+B*40:31			
B*07:02:01G+B*40:37	B*07:57+B*40:02:01G	B*07:75+B*40:50		
B*07:02:01G+B*40:38	B*07:05:01G+B*40:52	B*07:09+B*40:01:01G		
B*07:02:01G+B*40:39	B*07:31+B*40:02:01G			
B*07:02:01G+B*40:42	B*07:96:01+B*40:33			
B*07:02:01G+B*40:52	B*07:09+B*40:33			
B*07:02:01G+B*40:53	B*07:86+B*40:06:01G			
B*07:02:01G+B*40:57	B*07:71+B*40:02:01G			
B*07:02:01G+B*40:63	B*07:24+B*40:01:01G			
B*07:02:01G+B*40:64	B*07:18:01+B*40:02:01G	B*07:18:02+B*40:02:09		
B*07:02:01G+B*40:65	B*07:87+B*40:01:01G			
B*07:02:01G+B*40:70	B*07:84+B*40:02:01G			
B*07:02:01G+B*40:73	B*07:92+B*40:01:01G			
B*07:02:01G+B*40:79	B*07:23+B*40:01:01G			
B*07:02:01G+B*40:80	B*07:05:01G+B*40:31	B*40:32+B*81:01:01G		
B*07:02:01G+B*40:87	B*07:68:01+B*40:01:01G			
B*07:02:01G+B*40:89	B*07:05:01G+B*40:09	B*07:96:01+B*40:02:01G		
B*07:02:01G+B*40:92	B*07:33+B*40:63	B*07:60+B*40:01:01G		
B*07:02:01G+B*40:105	B*07:05:01G+B*40:03	B*07:09+B*40:02:01G		
B*07:02:01G+B*40:109	B*07:81+B*40:06:01G			
B*07:02:01G+B*40:114	B*07:07+B*40:45	B*07:48+B*40:23		
B*07:02:01G+B*40:115	B*07:94+B*40:02:01G			
B*07:02:01G+B*40:117	B*07:36+B*40:01:01G			
B*07:02:01G+B*40:120	B*07:12+B*40:18	B*07:18:01+B*40:24		
B*07:02:01G+B*40:121	B*07:68:02+B*40:14:03			
B*07:02:01G+B*41:02:01	B*40:32+B*42:01:01			
B*07:02:01G+B*41:03:01	B*07:02:05+B*41:03:02			
B*07:02:01G+B*41:03:02	B*07:07+B*41:02:01			
B*07:02:01G+B*41:09	B*07:107+B*41:06			
B*07:02:01G+B*41:14	B*07:23+B*41:01			
B*07:02:01G+B*41:15	B*40:32+B*42:14			
B*07:02:01G+B*42:07	B*07:03+B*42:01:01			
B*07:02:01G+B*42:08	B*07:33+B*42:05:01	B*07:107+B*42:14		
B*07:02:01G+B*42:11	B*42:01:01+B*48:08			
B*07:02:01G+B*42:13	B*07:18:01+B*42:01:01			
B*07:02:01G+B*44:02:01G	B*07:02:13+B*44:02:09	B*07:04+B*44:28:02	B*07:18:02+B*44:106	B*07:20+B*44:16
	B*07:24+B*44:21	B*07:25+B*44:76	B*07:54+B*44:12	B*07:73+B*44:84
	B*07:96:01+B*44:51	B*07:114+B*44:22		
B*07:02:01G+B*44:02:06	B*07:02:10+B*44:02:01G			
B*07:02:01G+B*44:02:07	B*07:04+B*44:28:01	B*07:18:01+B*44:106		
B*07:02:01G+B*44:03:01G	B*07:07+B*44:110	B*07:18:02+B*44:54	B*07:20+B*44:64:02	B*07:26+B*44:28:02
	B*07:28+B*44:107	B*07:48+B*44:76	B*07:57+B*44:109	B*07:96:01+B*44:45
	B*07:114+B*44:105			
B*07:02:01G+B*44:03:02	B*07:18:01+B*44:54	B*07:20+B*44:64:01	B*07:26+B*44:28:01	
B*07:02:01G+B*44:09	B*07:50+B*44:90			
B*07:02:01G+B*44:14	B*07:05:01G+B*44:51			
B*07:02:01G+B*44:18	B*07:36+B*45:01:01G			
B*07:02:01G+B*44:25	B*07:81+B*44:75			
B*07:02:01G+B*44:29	B*07:45+B*44:03:01G			
B*07:02:01G+B*44:37	B*07:24+B*44:64:02			
B*07:02:01G+B*44:41	B*07:07+B*44:106			
B*07:02:01G+B*44:43:01	B*07:09+B*44:107			
B*07:02:01G+B*44:50	B*07:36+B*44:46			
B*07:02:01G+B*44:65	B*07:07+B*44:54			
B*07:02:01G+B*44:68	B*07:113+B*44:02:01G			
B*07:02:01G+B*44:69	B*07:94+B*44:03:01G			
B*07:02:01G+B*44:77	B*07:05:01G+B*44:107			
B*07:02:01G+B*44:79	B*07:26+B*44:76			
B*07:02:01G+B*44:89	B*07:45+B*44:02:01G			
B*07:02:01G+B*44:91	B*07:24+B*44:16			
B*07:02:01G+B*44:95	B*07:36+B*44:09			
B*07:02:01G+B*45:01:01G	B*07:20+B*45:10	B*07:50+B*45:06		
B*07:02:01G+B*45:04	B*07:24+B*45:10			
B*07:02:01G+B*45:05	B*07:52+B*45:01:01G			
B*07:02:01G+B*45:08	B*07:31+B*45:10			
B*07:02:01G+B*46:01:01G	B*07:07+B*46:12	B*07:114+B*46:05		
B*07:02:01G+B*46:01:03	B*07:02:13+B*46:01:01G			
B*07:02:01G+B*46:13:01	B*07:02:13+B*46:13:03			
B*07:02:01G+B*46:16	B*07:83+B*46:01:01G			
B*07:02:01G+B*46:19	B*07:45+B*46:13:03			
B*07:02:01G+B*46:21:01	B*07:48+B*46:03			
B*07:02:01G+B*46:21:02	B*07:02:13+B*46:21:01			
B*07:02:01G+B*48:01:01G	B*48:08+B*81:01:01G			
B*07:02:01G+B*48:03:01	B*07:07+B*48:01:01G			
B*07:02:01G+B*48:04	B*07:33+B*48:01:01G			
B*07:02:01G+B*48:06	B*07:16+B*81:05			
B*07:02:01G+B*48:08	B*07:50+B*07:54			
B*07:02:01G+B*48:12	B*07:68:02+B*48:10			
B*07:02:01G+B*48:13	B*07:33+B*48:10			
B*07:02:01G+B*48:18	B*07:81+B*48:01:01G			
B*07:02:01G+B*49:01:01	B*07:24+B*49:07	B*07:36+B*50:01:01		
B*07:02:01G+B*50:05	B*07:39+B*50:01:01			
B*07:02:01G+B*51:01:01G	B*07:02:11+B*51:01:04	B*07:05:01G+B*51:90	B*07:24+B*51:16	B*07:26+B*51:29
	B*07:36+B*78:02:02	B*07:38+B*56:06	B*07:68:01+B*51:24:04	B*07:68:02+B*51:24:03
	B*07:86+B*51:57			
B*07:02:01G+B*51:01:02	B*07:02:14+B*51:01:09	B*07:36+B*78:02:01		
B*07:02:01G+B*51:01:04	B*07:68:02+B*51:24:02			
B*07:02:01G+B*51:01:18	B*07:02:19+B*51:01:01G			
B*07:02:01G+B*51:02:01	B*07:02:11+B*51:02:04	B*07:24+B*51:34		
B*07:02:01G+B*51:04	B*07:18:01+B*51:64			
B*07:02:01G+B*51:06	B*07:07+B*51:64			
B*07:02:01G+B*51:08	B*07:25+B*51:29	B*07:91+B*51:20		
B*07:02:01G+B*51:09:01	B*07:24+B*51:31	B*07:48+B*51:29		
B*07:02:01G+B*51:13:01	B*07:05:01G+B*51:92			

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B*07:02:01G+B*51:13:02	B*07:02:11+B*51:13:01	B*07:05:03+B*51:92		
B*07:02:01G+B*51:16	B*07:26+B*51:82			
B*07:02:01G+B*51:19	B*07:45+B*51:09:01			
B*07:02:01G+B*51:21	B*07:31+B*51:16	B*07:43+B*51:82		
B*07:02:01G+B*51:23	B*07:20+B*51:34			
B*07:02:01G+B*51:24:03	B*07:02:11+B*51:24:02			
B*07:02:01G+B*51:24:04	B*07:02:13+B*51:24:03			
B*07:02:01G+B*51:29	B*07:24+B*51:82			
B*07:02:01G+B*51:31	B*07:48+B*51:82			
B*07:02:01G+B*51:37	B*07:09+B*51:90			
B*07:02:01G+B*51:39	B*07:110+B*51:01:03			
B*07:02:01G+B*51:55	B*07:66+B*51:29			
B*07:02:01G+B*51:63	B*07:05:01G+B*51:37	B*07:09+B*51:01:01G		
B*07:02:01G+B*51:68	B*07:29+B*51:57			
B*07:02:01G+B*51:76	B*07:93+B*51:01:01G			
B*07:02:01G+B*51:97	B*07:09+B*51:08			
B*07:02:01G+B*51:101	B*07:45+B*51:21			
B*07:02:01G+B*52:01:01G	B*07:02:08+B*52:01:03	B*07:02:11+B*52:01:05	B*07:05:01G+B*52:12	B*07:24+B*52:08
	B*07:36+B*78:05	B*07:54+B*51:07:02	B*07:81+B*78:06	
B*07:02:01G+B*52:01:02	B*07:54+B*51:07:01	B*07:57+B*52:09		
B*07:02:01G+B*52:06:02	B*07:02:08+B*52:06:01	B*07:54+B*51:01:01G		
B*07:02:01G+B*52:15	B*07:20+B*52:08			
B*07:02:01G+B*53:01:01	B*07:02:13+B*53:01:03	B*07:18:01+B*53:14	B*07:26+B*53:24	B*07:36+B*35:01:01G
	B*07:38+B*35:76	B*07:57+B*53:05	B*07:81+B*35:27	B*07:86+B*53:21
	B*07:91+B*53:23			
B*07:02:01G+B*53:01:02	B*07:36+B*35:01:16			
B*07:02:01G+B*53:02	B*07:36+B*35:24:01			
B*07:02:01G+B*53:04	B*07:36+B*35:03:01G	B*07:81+B*35:56		
B*07:02:01G+B*53:05	B*07:26+B*53:16	B*07:81+B*35:01:01G		
B*07:02:01G+B*53:08:01	B*07:02:13+B*53:08:02	B*07:36+B*35:11:01		
B*07:02:01G+B*53:08:02	B*07:36+B*35:11:02			
B*07:02:01G+B*53:13	B*07:26+B*53:11	B*07:57+B*53:12		
B*07:02:01G+B*53:14	B*07:36+B*35:05:01			
B*07:02:01G+B*53:16	B*07:81+B*35:08:01			
B*07:02:01G+B*53:19	B*07:36+B*35:02:01			
B*07:02:01G+B*53:23	B*07:36+B*35:29			
B*07:02:01G+B*53:24	B*07:36+B*35:08:01	B*07:57+B*53:16		
B*07:02:01G+B*54:01:01G	B*07:05:01G+B*54:16	B*07:26+B*54:10	B*07:48+B*54:20	
B*07:02:01G+B*54:12	B*07:36+B*54:01:01G			
B*07:02:01G+B*55:01:01G	B*07:31+B*55:24	B*07:43+B*55:09		
B*07:02:01G+B*55:01:04	B*07:02:11+B*55:01:01G			
B*07:02:01G+B*55:02:01G	B*07:05:01G+B*55:46	B*07:26+B*55:37	B*07:31+B*55:22	B*07:72+B*55:10
B*07:02:01G+B*55:02:02	B*07:02:05+B*55:02:01G			
B*07:02:01G+B*55:03	B*07:92+B*55:01:01G			
B*07:02:01G+B*55:12	B*07:57+B*55:02:01G			
B*07:02:01G+B*55:22	B*07:48+B*55:09			
B*07:02:01G+B*55:24	B*07:26+B*55:09			
B*07:02:01G+B*55:31	B*07:91+B*55:01:01G			
B*07:02:01G+B*55:32	B*07:05:01G+B*55:23			
B*07:02:01G+B*55:34	B*07:54+B*55:47			
B*07:02:01G+B*55:40	B*07:54+B*55:01:01G			
B*07:02:01G+B*55:41	B*07:96:01+B*55:02:01G			
B*07:02:01G+B*55:45	B*07:117+B*55:01:01G			
B*07:02:01G+B*56:01:01G	B*07:02:13+B*56:01:03	B*07:24+B*55:22		
B*07:02:01G+B*56:21	B*07:36+B*56:05:02			
B*07:02:01G+B*56:23	B*07:37+B*55:02:01G			
B*07:02:01G+B*56:25	B*07:24+B*55:24			
B*07:02:01G+B*57:01:01G	B*07:02:14+B*57:01:07	B*07:24+B*57:25	B*07:26+B*57:19	B*07:86+B*57:10
B*07:02:01G+B*57:01:09	B*07:02:03+B*57:01:01G			
B*07:02:01G+B*57:02:01	B*07:36+B*57:12			
B*07:02:01G+B*57:03:01	B*07:26+B*57:02:01			
B*07:02:01G+B*57:24	B*07:04+B*57:19			
B*07:02:01G+B*57:26	B*07:31+B*57:25			
B*07:02:01G+B*58:01:01G	B*07:02:13+B*58:01:05	B*07:18:01+B*58:18	B*07:26+B*58:22	
B*07:02:01G+B*58:01:02	B*07:02:12+B*58:01:01G			
B*07:02:01G+B*58:01:08	B*07:02:19+B*58:01:01G			
B*07:02:01G+B*58:16	B*07:07+B*58:18			
B*07:02:01G+B*59:01	B*07:38+B*55:02:01G			
B*07:02:01G+B*59:03	B*07:38+B*55:13			
B*07:02:01G+B*59:04	B*07:38+B*56:01:01G			
B*07:02:01G+B*67:01:01	B*07:68:01+B*67:03			
B*07:02:01G+B*78:01	B*07:08+B*56:06			
B*07:02:01G+B*78:02:02	B*07:91+B*78:01			
B*07:02:01G+B*78:03	B*07:85+B*56:06			
B*07:02:01G+B*78:06	B*07:57+B*78:05			
B*07:02:01G+B*81:05	B*07:83+B*81:01:01G			
B*07:02:03+B*07:05:03	B*07:02:11+B*07:05:04			
B*07:02:03+B*07:05:05	B*07:02:16+B*07:05:04			
B*07:02:03+B*07:32	B*07:05:04+B*07:08			
B*07:02:03+B*07:34	B*07:05:04+B*07:43			
B*07:02:03+B*07:53	B*07:05:04+B*07:33			
B*07:02:03+B*07:69	B*07:05:04+B*07:85			
B*07:02:03+B*07:72	B*07:56+B*07:86			
B*07:02:03+B*07:80	B*07:05:04+B*07:26			
B*07:02:03+B*08:01:01G	B*07:05:04+B*08:07			
B*07:02:03+B*08:26	B*07:56+B*08:50			
B*07:02:03+B*08:35	B*07:05:04+B*08:37			
B*07:02:03+B*08:56	B*07:56+B*08:01:11			
B*07:02:03+B*15:08	B*07:83+B*15:11:04			
B*07:02:03+B*15:30	B*07:05:04+B*15:63			
B*07:02:03+B*15:152	B*07:54+B*15:11:04			
B*07:02:03+B*35:01:01G	B*07:56+B*35:124			
B*07:02:03+B*35:04:01	B*07:05:04+B*35:34			
B*07:02:03+B*35:06	B*07:05:04+B*35:03:01G			
B*07:02:03+B*35:08:01	B*07:56+B*35:142			
B*07:02:03+B*35:12:01	B*07:05:04+B*35:39			
B*07:02:03+B*35:17	B*07:56+B*35:125			
B*07:02:03+B*39:01:01G	B*07:05:04+B*39:15			
B*07:02:03+B*39:05:01	B*07:05:04+B*39:55			
B*07:02:03+B*39:13:01	B*07:05:04+B*39:49			
B*07:02:03+B*39:14	B*07:05:04+B*39:29			
B*07:02:03+B*40:01:01G	B*07:05:04+B*40:33			
B*07:02:03+B*40:02:01G	B*07:05:04+B*40:18			
B*07:02:03+B*40:06:01G	B*07:05:04+B*40:44			
B*07:02:03+B*40:16	B*07:05:04+B*40:32			

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B*07:02:03+B*40:38	B*07:05:04+B*40:52	
B*07:02:03+B*40:80	B*07:05:04+B*40:31	
B*07:02:03+B*40:89	B*07:05:04+B*40:09	
B*07:02:03+B*40:105	B*07:05:04+B*40:03	
B*07:02:03+B*44:14	B*07:05:04+B*44:51	
B*07:02:03+B*44:77	B*07:05:04+B*44:107	
B*07:02:03+B*51:01:01G	B*07:05:04+B*51:90	
B*07:02:03+B*51:13:01	B*07:05:04+B*51:92	
B*07:02:03+B*51:63	B*07:05:04+B*51:37	
B*07:02:03+B*52:01:01G	B*07:05:04+B*52:12	
B*07:02:03+B*54:01:01G	B*07:05:04+B*54:16	B*07:56+B*54:21
B*07:02:03+B*55:02:01G	B*07:05:04+B*55:46	
B*07:02:03+B*55:32	B*07:05:04+B*55:23	
B*07:02:03+B*56:01:01G	B*07:56+B*56:16	
B*07:02:03+B*58:01:01G	B*07:56+B*58:12	
B*07:02:05+B*55:12	B*07:57+B*55:02:02	
B*07:02:05+B*55:41	B*07:96:01+B*55:02:02	
B*07:02:05+B*56:23	B*07:37+B*55:02:02	
B*07:02:05+B*59:01	B*07:38+B*55:02:02	
B*07:02:07+B*15:01:02	B*07:02:11+B*15:01:03	
B*07:02:07+B*15:01:08	B*07:02:20+B*15:01:03	
B*07:02:07+B*15:12:01G	B*07:64+B*15:01:03	
B*07:02:07+B*15:24	B*07:36+B*15:01:03	
B*07:02:07+B*15:60	B*07:117+B*15:01:03	
B*07:02:07+B*15:87	B*07:81+B*15:01:03	
B*07:02:07+B*15:128	B*07:96:01+B*15:01:03	
B*07:02:07+B*15:135	B*07:57+B*15:01:03	
B*07:02:07+B*15:159	B*07:23+B*15:01:03	
B*07:02:07+B*27:38	B*07:24+B*27:05:15	
B*07:02:07+B*27:55	B*07:87+B*27:05:15	
B*07:02:07+B*27:71	B*07:31+B*27:05:15	
B*07:02:08+B*08:38	B*07:54+B*08:01:08	
B*07:02:10+B*44:68	B*07:113+B*44:02:06	
B*07:02:10+B*44:89	B*07:45+B*44:02:06	
B*07:02:11+B*07:05:05	B*07:02:16+B*07:05:03	
B*07:02:11+B*07:32	B*07:05:03+B*07:08	
B*07:02:11+B*07:34	B*07:05:03+B*07:43	
B*07:02:11+B*07:53	B*07:05:03+B*07:33	
B*07:02:11+B*07:69	B*07:05:03+B*07:85	
B*07:02:11+B*07:80	B*07:05:03+B*07:26	
B*07:02:11+B*08:01:01G	B*07:05:03+B*08:07	
B*07:02:11+B*08:35	B*07:05:03+B*08:37	
B*07:02:11+B*15:01:08	B*07:02:20+B*15:01:02	
B*07:02:11+B*15:12:01G	B*07:64+B*15:01:02	
B*07:02:11+B*15:24	B*07:36+B*15:01:02	
B*07:02:11+B*15:30	B*07:05:03+B*15:63	
B*07:02:11+B*15:60	B*07:117+B*15:01:02	
B*07:02:11+B*15:87	B*07:81+B*15:01:02	
B*07:02:11+B*15:128	B*07:96:01+B*15:01:02	
B*07:02:11+B*15:135	B*07:57+B*15:01:02	
B*07:02:11+B*15:159	B*07:23+B*15:01:02	
B*07:02:11+B*27:15	B*07:31+B*27:04:03	
B*07:02:11+B*27:63	B*07:24+B*27:04:03	
B*07:02:11+B*35:01:06	B*07:02:16+B*35:01:10	
B*07:02:11+B*35:06	B*07:05:03+B*35:03:01G	
B*07:02:11+B*35:10	B*07:54+B*35:01:10	
B*07:02:11+B*35:12:01	B*07:05:03+B*35:39	
B*07:02:11+B*35:27	B*07:57+B*35:01:10	
B*07:02:11+B*35:101:02	B*07:93+B*35:01:10	
B*07:02:11+B*35:137:01G	B*07:73+B*35:01:10	
B*07:02:11+B*39:01:01G	B*07:05:03+B*39:15	
B*07:02:11+B*39:05:01	B*07:05:03+B*39:55	
B*07:02:11+B*39:13:01	B*07:05:03+B*39:49	
B*07:02:11+B*39:14	B*07:05:03+B*39:29	
B*07:02:11+B*40:01:14	B*07:02:14+B*40:01:06	
B*07:02:11+B*40:02:01G	B*07:05:03+B*40:18	
B*07:02:11+B*40:06:01G	B*07:05:03+B*40:44	
B*07:02:11+B*40:16	B*07:05:03+B*40:32	
B*07:02:11+B*40:38	B*07:05:03+B*40:52	B*07:09+B*40:01:06
B*07:02:11+B*40:63	B*07:24+B*40:01:06	
B*07:02:11+B*40:65	B*07:87+B*40:01:06	
B*07:02:11+B*40:73	B*07:92+B*40:01:06	
B*07:02:11+B*40:79	B*07:23+B*40:01:06	
B*07:02:11+B*40:80	B*07:05:03+B*40:31	
B*07:02:11+B*40:87	B*07:68:01+B*40:01:06	
B*07:02:11+B*40:89	B*07:05:03+B*40:09	
B*07:02:11+B*40:92	B*07:60+B*40:01:06	
B*07:02:11+B*40:105	B*07:05:03+B*40:03	
B*07:02:11+B*40:117	B*07:36+B*40:01:06	
B*07:02:11+B*44:14	B*07:05:03+B*44:51	
B*07:02:11+B*44:77	B*07:05:03+B*44:107	
B*07:02:11+B*51:01:01G	B*07:05:03+B*51:90	
B*07:02:11+B*51:24:01	B*07:02:14+B*51:24:04	
B*07:02:11+B*51:63	B*07:05:03+B*51:37	
B*07:02:11+B*52:01:01G	B*07:05:03+B*52:12	
B*07:02:11+B*53:01:01	B*07:36+B*35:01:10	
B*07:02:11+B*53:05	B*07:81+B*35:01:10	
B*07:02:11+B*54:01:01G	B*07:05:03+B*54:16	
B*07:02:11+B*55:02:01G	B*07:05:03+B*55:46	
B*07:02:11+B*55:03	B*07:92+B*55:01:04	
B*07:02:11+B*55:31	B*07:91+B*55:01:04	
B*07:02:11+B*55:32	B*07:05:03+B*55:23	
B*07:02:11+B*55:40	B*07:54+B*55:01:04	
B*07:02:11+B*55:45	B*07:117+B*55:01:04	
B*07:02:12+B*58:01:08	B*07:02:19+B*58:01:02	
B*07:02:13+B*15:01:01G	B*07:68:02+B*15:78:02	
B*07:02:13+B*15:03:01G	B*07:02:14+B*15:03:02	
B*07:02:13+B*15:30	B*07:68:02+B*15:150	
B*07:02:13+B*15:35	B*07:68:02+B*15:141	
B*07:02:13+B*15:136	B*07:45+B*15:05:02	
B*07:02:13+B*35:43:01G	B*07:68:02+B*35:118	
B*07:02:13+B*39:18	B*07:45+B*39:36	
B*07:02:13+B*40:87	B*07:68:02+B*40:01:01G	
B*07:02:13+B*46:16	B*07:83+B*46:01:03	
B*07:02:13+B*46:19	B*07:45+B*46:13:01	

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B*07:02:13+B*51:01:01G	B*07:68:02+B*51:24:04	
B*07:02:13+B*51:61	B*07:55+B*51:29	
B*07:02:13+B*67:01:01	B*07:68:02+B*67:03	
B*07:02:14+B*15:01:01G	B*07:68:01+B*15:78:01	
B*07:02:14+B*15:18:01G	B*07:68:01+B*15:72	
B*07:02:14+B*18:01:01G	B*07:68:01+B*18:40	
B*07:02:14+B*35:04:01	B*07:68:01+B*35:09:01	
B*07:02:14+B*40:35	B*07:68:01+B*40:02:01G	
B*07:02:14+B*40:38	B*07:09+B*40:01:14	
B*07:02:14+B*40:63	B*07:24+B*40:01:14	
B*07:02:14+B*40:65	B*07:87+B*40:01:14	
B*07:02:14+B*40:73	B*07:92+B*40:01:14	
B*07:02:14+B*40:79	B*07:23+B*40:01:14	
B*07:02:14+B*40:87	B*07:68:01+B*40:01:14	
B*07:02:14+B*40:92	B*07:60+B*40:01:14	
B*07:02:14+B*40:117	B*07:36+B*40:01:14	
B*07:02:14+B*40:121	B*07:68:01+B*40:14:01	B*07:68:02+B*40:14:02
B*07:02:14+B*42:10	B*07:68:01+B*42:01:01	
B*07:02:14+B*44:02:01G	B*07:68:01+B*44:53	
B*07:02:14+B*51:01:04	B*07:68:01+B*51:24:01	
B*07:02:14+B*56:01:01G	B*07:68:01+B*56:20	
B*07:02:14+B*57:01:01G	B*07:68:01+B*57:31	
B*07:02:16+B*07:32	B*07:05:05+B*07:08	
B*07:02:16+B*07:34	B*07:05:05+B*07:43	
B*07:02:16+B*07:53	B*07:05:05+B*07:33	
B*07:02:16+B*07:69	B*07:05:05+B*07:85	
B*07:02:16+B*07:80	B*07:05:05+B*07:26	
B*07:02:16+B*08:01:01G	B*07:05:05+B*08:07	
B*07:02:16+B*08:35	B*07:05:05+B*08:37	
B*07:02:16+B*15:30	B*07:05:05+B*15:63	
B*07:02:16+B*35:04:01	B*07:05:05+B*35:34	
B*07:02:16+B*35:06	B*07:05:05+B*35:03:01G	
B*07:02:16+B*35:10	B*07:54+B*35:01:06	
B*07:02:16+B*35:12:01	B*07:05:05+B*35:39	
B*07:02:16+B*35:27	B*07:57+B*35:01:06	
B*07:02:16+B*35:101:02	B*07:93+B*35:01:06	
B*07:02:16+B*35:137:01G	B*07:73+B*35:01:06	
B*07:02:16+B*39:01:01G	B*07:05:05+B*39:15	
B*07:02:16+B*39:05:01	B*07:05:05+B*39:55	
B*07:02:16+B*39:13:01	B*07:05:05+B*39:49	
B*07:02:16+B*39:14	B*07:05:05+B*39:29	
B*07:02:16+B*40:01:01G	B*07:05:05+B*40:33	
B*07:02:16+B*40:02:01G	B*07:05:05+B*40:18	
B*07:02:16+B*40:06:01G	B*07:05:05+B*40:44	
B*07:02:16+B*40:16	B*07:05:05+B*40:32	
B*07:02:16+B*40:38	B*07:05:05+B*40:52	
B*07:02:16+B*40:80	B*07:05:05+B*40:31	
B*07:02:16+B*40:89	B*07:05:05+B*40:09	
B*07:02:16+B*40:105	B*07:05:05+B*40:03	
B*07:02:16+B*44:14	B*07:05:05+B*44:51	
B*07:02:16+B*44:77	B*07:05:05+B*44:107	
B*07:02:16+B*51:01:01G	B*07:05:05+B*51:90	
B*07:02:16+B*51:13:01	B*07:05:05+B*51:92	
B*07:02:16+B*51:63	B*07:05:05+B*51:37	
B*07:02:16+B*52:01:01G	B*07:05:05+B*52:12	
B*07:02:16+B*53:01:01	B*07:36+B*35:01:06	
B*07:02:16+B*53:05	B*07:81+B*35:01:06	
B*07:02:16+B*54:01:01G	B*07:05:05+B*54:16	
B*07:02:16+B*55:02:01G	B*07:05:05+B*55:46	
B*07:02:16+B*55:32	B*07:05:05+B*55:23	
B*07:02:19+B*37:18	B*07:62+B*37:01:04	
B*07:02:19+B*51:63	B*07:09+B*51:01:18	
B*07:02:19+B*51:76	B*07:93+B*51:01:18	
B*07:02:19+B*52:06:02	B*07:54+B*51:01:18	
B*07:02:20+B*15:12:01G	B*07:64+B*15:01:08	
B*07:02:20+B*15:24	B*07:36+B*15:01:08	
B*07:02:20+B*15:60	B*07:117+B*15:01:08	
B*07:02:20+B*15:87	B*07:81+B*15:01:08	
B*07:02:20+B*15:128	B*07:96:01+B*15:01:08	
B*07:02:20+B*15:135	B*07:57+B*15:01:08	
B*07:02:20+B*15:159	B*07:23+B*15:01:08	
B*07:03+B*07:75	B*07:16+B*07:57	
B*07:03+B*08:23	B*07:16+B*08:01:01G	
B*07:03+B*14:14	B*07:16+B*14:01:01	
B*07:03+B*14:18	B*07:16+B*14:02:01	
B*07:03+B*15:01:01G	B*07:16+B*15:70	
B*07:03+B*15:03:01G	B*07:16+B*15:61	
B*07:03+B*15:08	B*07:08+B*15:11:01G	
B*07:03+B*15:56	B*07:08+B*15:152	
B*07:03+B*15:66	B*07:85+B*15:152	
B*07:03+B*18:01:01G	B*07:16+B*18:03	
B*07:03+B*27:44	B*07:16+B*27:08	
B*07:03+B*35:01:01G	B*07:16+B*35:29	
B*07:03+B*35:03:01G	B*07:16+B*35:136	
B*07:03+B*35:10	B*07:16+B*35:69	
B*07:03+B*35:78	B*07:37+B*35:29	
B*07:03+B*38:01:01	B*07:16+B*38:14	
B*07:03+B*39:01:09	B*07:85+B*39:10	
B*07:03+B*39:05:01	B*07:16+B*39:01:01G	
B*07:03+B*39:13:01	B*07:16+B*39:02:02	B*39:10+B*48:08
B*07:03+B*39:37	B*07:16+B*39:03	
B*07:03+B*39:55	B*07:16+B*39:15	
B*07:03+B*40:01:01G	B*07:16+B*40:43	
B*07:03+B*40:02:01G	B*07:16+B*40:50	
B*07:03+B*40:07	B*07:08+B*40:61	
B*07:03+B*41:02:01	B*40:32+B*42:07	
B*07:03+B*42:11	B*42:07+B*48:08	
B*07:03+B*42:13	B*07:18:01+B*42:07	
B*07:03+B*46:16	B*07:08+B*46:01:01G	
B*07:03+B*51:08	B*07:16+B*51:20	
B*07:03+B*53:01:01	B*07:16+B*53:23	
B*07:03+B*55:31	B*07:16+B*55:01:01G	
B*07:03+B*78:02:02	B*07:16+B*78:01	
B*07:03+B*81:05	B*07:08+B*81:01:01G	
B*07:04+B*07:48	B*07:25+B*07:26	

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B*07:04+B*08:01:01G	B*07:25+B*08:53		
B*07:04+B*08:13	B*07:26+B*08:01:01G	B*07:48+B*08:53	B*07:80+B*08:07
B*07:04+B*08:25	B*07:26+B*08:21		
B*07:04+B*13:01:01G	B*07:25+B*13:20		
B*07:04+B*13:02:01G	B*07:25+B*13:16		
B*07:04+B*15:05:01	B*07:25+B*15:39:01		
B*07:04+B*15:05:02	B*07:25+B*15:39:02	B*07:26+B*15:179	
B*07:04+B*15:50	B*07:55+B*15:199		
B*07:04+B*15:91	B*07:25+B*15:131		
B*07:04+B*15:123:01G	B*07:25+B*15:03:01G		
B*07:04+B*18:01:01G	B*07:25+B*18:15		
B*07:04+B*18:13	B*07:25+B*18:30		
B*07:04+B*27:05:02G	B*07:25+B*27:10		
B*07:04+B*27:08	B*07:25+B*27:40		
B*07:04+B*27:61	B*07:25+B*27:04:01G		
B*07:04+B*35:01:01G	B*07:25+B*35:11:01	B*07:26+B*35:115	
B*07:04+B*35:03:01G	B*07:26+B*35:38		
B*07:04+B*35:05:01	B*07:25+B*35:58		
B*07:04+B*35:06	B*07:80+B*35:38		
B*07:04+B*35:24:01	B*07:25+B*35:21		
B*07:04+B*35:62	B*07:25+B*35:14:01	B*07:55+B*35:115	
B*07:04+B*35:80	B*07:54+B*35:115		
B*07:04+B*37:01:01G	B*07:25+B*37:13		
B*07:04+B*39:01:01G	B*07:25+B*39:35		
B*07:04+B*40:06:01G	B*07:25+B*40:148		
B*07:04+B*40:14:01	B*07:26+B*40:136		
B*07:04+B*44:03:01G	B*07:25+B*44:79	B*07:26+B*44:02:01G	
B*07:04+B*44:03:02	B*07:26+B*44:02:07		
B*07:04+B*44:04	B*07:31+B*44:21		
B*07:04+B*44:13	B*07:26+B*44:67		
B*07:04+B*44:29	B*07:26+B*44:89		
B*07:04+B*44:37	B*07:26+B*44:91		
B*07:04+B*44:40	B*07:26+B*44:44		
B*07:04+B*44:43:01	B*07:26+B*44:17		
B*07:04+B*44:45	B*07:26+B*44:51		
B*07:04+B*44:46	B*07:26+B*44:09		
B*07:04+B*44:47	B*07:26+B*44:20		
B*07:04+B*44:50	B*07:26+B*44:95		
B*07:04+B*44:54	B*07:26+B*44:106		
B*07:04+B*44:57	B*07:26+B*44:08		
B*07:04+B*44:64:02	B*07:26+B*44:16		
B*07:04+B*44:65	B*07:26+B*44:41		
B*07:04+B*44:105	B*07:26+B*44:22		
B*07:04+B*46:09	B*07:25+B*46:01:01G		
B*07:04+B*46:13:03	B*07:25+B*46:08		
B*07:04+B*48:01:01G	B*07:25+B*48:15		
B*07:04+B*49:11	B*07:25+B*49:01:01		
B*07:04+B*51:09:01	B*07:25+B*51:01:01G	B*07:26+B*51:08	
B*07:04+B*51:09:02	B*07:25+B*51:01:02		
B*07:04+B*51:31	B*07:25+B*51:16		
B*07:04+B*51:42	B*07:26+B*44:06		
B*07:04+B*52:10	B*07:25+B*52:01:01G	B*07:26+B*52:19	
B*07:04+B*53:01:01	B*07:25+B*53:08:01		
B*07:04+B*53:01:03	B*07:25+B*53:08:02		
B*07:04+B*53:16	B*07:81+B*35:115		
B*07:04+B*53:24	B*07:36+B*35:115		
B*07:04+B*54:10	B*07:25+B*54:20		
B*07:04+B*55:02:01G	B*07:25+B*55:01:01G		
B*07:04+B*55:22	B*07:25+B*55:24		
B*07:04+B*56:01:01G	B*07:25+B*56:25	B*07:26+B*56:13	
B*07:04+B*57:01:01G	B*07:25+B*57:22	B*07:26+B*57:24	
B*07:04+B*57:03:01	B*07:48+B*57:09		
B*07:04+B*58:01:01G	B*07:25+B*58:19		
B*07:04+B*58:02	B*07:25+B*58:06		
B*07:05:01G+B*07:60	B*07:24+B*07:53		
B*07:05:01G+B*08:01:01G	B*07:05:04+B*08:01:11		
B*07:05:01G+B*08:13	B*07:34+B*08:40		
B*07:05:01G+B*08:28	B*07:17+B*08:01:01G	B*07:96:01+B*08:35	
B*07:05:01G+B*13:02:01G	B*07:80+B*13:18		
B*07:05:01G+B*14:02:01	B*07:80+B*14:03		
B*07:05:01G+B*14:05	B*07:115+B*14:13		
B*07:05:01G+B*15:01:01G	B*07:09+B*15:30		
B*07:05:01G+B*15:01:02	B*07:05:03+B*15:01:01G		
B*07:05:01G+B*15:03:01G	B*07:05:04+B*15:03:03		
B*07:05:01G+B*15:10:01	B*07:05:04+B*15:10:02	B*07:80+B*15:99	
B*07:05:01G+B*15:11:04	B*07:05:04+B*15:11:01G		
B*07:05:01G+B*15:39:01	B*07:80+B*15:65		
B*07:05:01G+B*15:40	B*07:53+B*15:138		
B*07:05:01G+B*15:78:02	B*07:09+B*15:150		
B*07:05:01G+B*15:128	B*07:17+B*15:30		
B*07:05:01G+B*15:135	B*07:11+B*15:30		
B*07:05:01G+B*18:01:01G	B*07:09+B*18:26	B*07:80+B*18:13	
B*07:05:01G+B*18:15	B*07:80+B*18:30		
B*07:05:01G+B*18:20	B*07:17+B*18:26		
B*07:05:01G+B*18:49	B*07:11+B*18:26		
B*07:05:01G+B*27:04:03	B*07:05:03+B*27:04:01G		
B*07:05:01G+B*27:05:02G	B*07:80+B*27:45		
B*07:05:01G+B*27:05:12	B*07:05:06+B*27:05:02G		
B*07:05:01G+B*27:35	B*07:115+B*27:27		
B*07:05:01G+B*27:41	B*07:09+B*27:27		
B*07:05:01G+B*27:57	B*07:97+B*27:02		
B*07:05:01G+B*27:71	B*07:34+B*27:45		
B*07:05:01G+B*35:01:01G	B*07:09+B*35:04:01	B*07:80+B*35:08:01	
B*07:05:01G+B*35:01:04	B*07:80+B*35:08:03		
B*07:05:01G+B*35:01:06	B*07:05:05+B*35:01:01G		
B*07:05:01G+B*35:01:10	B*07:05:03+B*35:01:01G	B*07:09+B*35:04:02	
B*07:05:01G+B*35:01:17	B*07:09+B*35:04:03		
B*07:05:01G+B*35:04:02	B*07:05:03+B*35:04:01		
B*07:05:01G+B*35:09:02	B*07:80+B*35:18		
B*07:05:01G+B*35:10	B*07:80+B*35:80		
B*07:05:01G+B*35:13	B*07:54+B*35:06		
B*07:05:01G+B*35:27	B*07:11+B*35:04:01		
B*07:05:01G+B*35:29	B*07:32+B*35:76		
B*07:05:01G+B*35:43:01G	B*07:09+B*35:44		
B*07:05:01G+B*35:51	B*07:09+B*35:22		

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B*07:05:01G+B*35:56	B*07:57+B*35:06	
B*07:05:01G+B*35:64	B*07:09+B*35:09:02	
B*07:05:01G+B*35:71	B*07:80+B*35:45	
B*07:05:01G+B*35:74	B*07:92+B*35:06	
B*07:05:01G+B*35:124	B*07:80+B*35:142	
B*07:05:01G+B*35:146	B*07:09+B*35:02:01	
B*07:05:01G+B*38:14	B*07:69+B*38:26	
B*07:05:01G+B*39:01:01G	B*07:69+B*67:01:01	
B*07:05:01G+B*39:01:09	B*07:69+B*67:01:02	
B*07:05:01G+B*39:05:01	B*07:80+B*39:11	
B*07:05:01G+B*39:13:01	B*07:05:04+B*39:13:02	
B*07:05:01G+B*39:23	B*07:90+B*39:02:02	
B*07:05:01G+B*39:44	B*07:90+B*39:01:01G	
B*07:05:01G+B*39:58	B*07:32+B*67:01:01	
B*07:05:01G+B*40:01:01G	B*07:80+B*40:128	
B*07:05:01G+B*40:01:06	B*07:05:03+B*40:01:01G	
B*07:05:01G+B*40:02:01G	B*07:05:04+B*40:02:04	
B*07:05:01G+B*40:10:01	B*07:05:04+B*40:10:02	
B*07:05:01G+B*40:20	B*07:07+B*40:105	B*07:09+B*40:11:01
B*07:05:01G+B*40:42	B*07:96:01+B*40:01:01G	
B*07:05:01G+B*40:80	B*40:16+B*81:01:01G	
B*07:05:01G+B*40:92	B*07:53+B*40:63	
B*07:05:01G+B*40:120	B*07:12+B*40:02:01G	
B*07:05:01G+B*41:02:01	B*40:16+B*42:01:01	
B*07:05:01G+B*41:15	B*40:16+B*42:14	
B*07:05:01G+B*42:08	B*07:53+B*42:05:01	
B*07:05:01G+B*42:09	B*07:09+B*42:02	
B*07:05:01G+B*44:02:01G	B*07:96:01+B*44:14	
B*07:05:01G+B*44:03:01G	B*07:28+B*44:77	B*07:80+B*44:28:02
B*07:05:01G+B*44:03:02	B*07:80+B*44:28:01	
B*07:05:01G+B*44:43:01	B*07:09+B*44:77	
B*07:05:01G+B*44:79	B*07:80+B*44:76	
B*07:05:01G+B*48:04	B*07:53+B*48:01:01G	
B*07:05:01G+B*48:13	B*07:53+B*48:10	
B*07:05:01G+B*48:23	B*07:09+B*48:03:01	
B*07:05:01G+B*51:01:01G	B*07:05:03+B*51:01:04	B*07:80+B*51:29
B*07:05:01G+B*51:02:01	B*07:05:03+B*51:02:04	
B*07:05:01G+B*51:13:02	B*07:05:03+B*51:13:01	
B*07:05:01G+B*51:16	B*07:80+B*51:82	
B*07:05:01G+B*51:21	B*07:34+B*51:82	
B*07:05:01G+B*51:24:03	B*07:05:03+B*51:24:02	
B*07:05:01G+B*52:01:01G	B*07:05:03+B*52:01:05	
B*07:05:01G+B*53:01:01	B*07:80+B*53:24	
B*07:05:01G+B*53:04	B*07:36+B*35:06	
B*07:05:01G+B*53:05	B*07:80+B*53:16	
B*07:05:01G+B*53:13	B*07:80+B*53:11	
B*07:05:01G+B*54:01:01G	B*07:80+B*54:10	
B*07:05:01G+B*54:14	B*07:09+B*54:04	
B*07:05:01G+B*55:01:01G	B*07:34+B*55:09	
B*07:05:01G+B*55:01:04	B*07:05:03+B*55:01:01G	
B*07:05:01G+B*55:02:01G	B*07:80+B*55:37	
B*07:05:01G+B*55:24	B*07:80+B*55:09	
B*07:05:01G+B*57:01:01G	B*07:09+B*57:03:01	B*07:80+B*57:19
B*07:05:01G+B*57:01:09	B*07:05:04+B*57:01:01G	
B*07:05:01G+B*57:03:01	B*07:80+B*57:02:01	
B*07:05:01G+B*57:04	B*07:28+B*57:02:01	
B*07:05:01G+B*57:19	B*07:09+B*57:02:01	
B*07:05:01G+B*58:01:01G	B*07:80+B*58:22	
B*07:05:01G+B*78:01	B*07:32+B*56:06	
B*07:05:01G+B*78:03	B*07:69+B*56:06	
B*07:05:03+B*15:18:01G	B*07:09+B*15:09	
B*07:05:03+B*15:90	B*07:52+B*15:09	
B*07:05:03+B*35:01:06	B*07:05:05+B*35:01:10	
B*07:05:03+B*35:27	B*07:11+B*35:04:02	
B*07:05:03+B*40:42	B*07:96:01+B*40:01:06	
B*07:05:03+B*44:02:01G	B*07:28+B*44:62	
B*07:05:03+B*44:05:01	B*07:96:01+B*44:62	
B*07:05:03+B*44:17	B*07:09+B*44:62	
B*07:05:03+B*51:45	B*07:09+B*51:06	
B*07:07+B*08:15	B*07:92+B*08:12:01	
B*07:07+B*08:18	B*07:102+B*08:12:01	
B*07:07+B*08:23	B*07:91+B*08:12:01	
B*07:07+B*08:35	B*07:09+B*08:12:01	
B*07:07+B*08:39	B*07:93+B*08:12:01	
B*07:07+B*08:47	B*07:57+B*08:12:01	
B*07:07+B*08:52	B*07:81+B*08:12:01	
B*07:07+B*08:60	B*07:18:02+B*08:01:01G	
B*07:07+B*08:64	B*07:113+B*08:12:01	
B*07:07+B*13:01:01G	B*07:18:01+B*13:11	
B*07:07+B*15:20	B*07:12+B*15:05:02	
B*07:07+B*15:25:02	B*07:14+B*15:39:01	
B*07:07+B*15:32	B*07:77+B*15:01:01G	
B*07:07+B*15:62	B*07:12+B*15:03:01G	
B*07:07+B*15:80	B*07:18:02+B*15:18:01G	
B*07:07+B*15:85	B*07:12+B*15:01:01G	
B*07:07+B*15:154	B*07:18:02+B*15:01:01G	
B*07:07+B*18:18	B*07:77+B*18:01:01G	
B*07:07+B*27:14	B*07:84+B*27:70	
B*07:07+B*27:19	B*07:18:02+B*27:70	
B*07:07+B*35:01:01G	B*07:18:01+B*35:68:02	B*07:18:02+B*35:68:01
B*07:07+B*35:01:04	B*07:18:02+B*35:68:02	
B*07:07+B*35:03:01G	B*07:18:01+B*35:151	
B*07:07+B*35:14:02	B*07:12+B*35:43:01G	
B*07:07+B*35:37	B*07:84+B*35:32	
B*07:07+B*35:48	B*07:77+B*35:01:04	
B*07:07+B*38:20	B*07:18:02+B*38:01:01	
B*07:07+B*39:09	B*07:77+B*39:01:01G	
B*07:07+B*39:42	B*07:18:02+B*39:01:01G	
B*07:07+B*40:19	B*07:36+B*40:11:01	
B*07:07+B*40:37	B*07:57+B*40:11:01	
B*07:07+B*40:39	B*07:31+B*40:11:01	
B*07:07+B*40:57	B*07:71+B*40:11:01	
B*07:07+B*40:59	B*07:12+B*40:52	
B*07:07+B*40:64	B*07:18:01+B*40:11:01	B*07:18:02+B*40:11:02
B*07:07+B*40:70	B*07:84+B*40:11:01	

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B*07:07+B*40:89	B*07:96:01+B*40:11:01		
B*07:07+B*40:115	B*07:94+B*40:11:01		
B*07:07+B*40:137	B*07:18:01+B*40:21		
B*07:07+B*44:02:01G	B*07:18:02+B*44:41		
B*07:07+B*44:02:07	B*07:18:01+B*44:41		
B*07:07+B*44:03:01G	B*07:18:02+B*44:65		
B*07:07+B*44:03:02	B*07:18:01+B*44:65		
B*07:07+B*48:04	B*07:33+B*48:03:01		
B*07:07+B*48:18	B*07:81+B*48:03:01		
B*07:07+B*51:04	B*07:18:01+B*51:06		
B*07:07+B*53:06	B*07:12+B*51:45		
B*07:07+B*53:14	B*07:36+B*35:68:02		
B*07:07+B*54:14	B*07:84+B*54:09		
B*07:07+B*55:23	B*07:84+B*56:18		
B*07:07+B*56:01:01G	B*07:84+B*56:04		
B*07:07+B*58:01:01G	B*07:18:01+B*58:16		
B*07:08+B*07:10	B*07:83+B*07:85		
B*07:08+B*07:34	B*07:32+B*07:43		
B*07:08+B*07:53	B*07:32+B*07:33		
B*07:08+B*07:69	B*07:32+B*07:85		
B*07:08+B*07:80	B*07:26+B*07:32		
B*07:08+B*07:91	B*07:16+B*07:83		
B*07:08+B*08:01:01G	B*07:32+B*08:07		
B*07:08+B*08:03	B*07:38+B*08:01:01G		
B*07:08+B*08:35	B*07:32+B*08:37		
B*07:08+B*08:54	B*08:01:01G+B*48:08		
B*07:08+B*08:65	B*07:69+B*08:07	B*07:85+B*08:01:01G	
B*07:08+B*15:18:01G	B*07:85+B*15:29		
B*07:08+B*15:24	B*07:38+B*15:70		
B*07:08+B*15:30	B*07:32+B*15:63		
B*07:08+B*15:66	B*07:85+B*15:56		
B*07:08+B*18:33	B*07:85+B*18:07:01		
B*07:08+B*27:26	B*07:83+B*27:12		
B*07:08+B*35:04:01	B*07:32+B*35:34		
B*07:08+B*35:06	B*07:32+B*35:03:01G		
B*07:08+B*35:12:01	B*07:32+B*35:39		
B*07:08+B*35:20:01	B*07:50+B*35:29		
B*07:08+B*35:28	B*07:50+B*35:69	B*35:29+B*48:08	
B*07:08+B*35:82	B*07:85+B*35:01:01G		
B*07:08+B*35:85	B*07:85+B*35:03:01G		
B*07:08+B*35:135	B*07:85+B*35:43:01G		
B*07:08+B*38:01:01	B*07:38+B*39:01:01G		
B*07:08+B*38:01:03	B*07:38+B*39:01:05		
B*07:08+B*38:19	B*07:38+B*39:03		
B*07:08+B*38:20	B*07:38+B*39:42		
B*07:08+B*38:26	B*07:36+B*39:58		
B*07:08+B*39:01:01G	B*07:32+B*39:15	B*07:85+B*39:58	
B*07:08+B*39:05:01	B*07:32+B*39:55		
B*07:08+B*39:13:01	B*07:32+B*39:49		
B*07:08+B*39:14	B*07:32+B*39:29		
B*07:08+B*40:01:01G	B*07:32+B*40:33		
B*07:08+B*40:02:01G	B*07:32+B*40:18		
B*07:08+B*40:06:01G	B*07:32+B*40:44		
B*07:08+B*40:16	B*07:32+B*40:32		
B*07:08+B*40:19	B*07:38+B*40:50		
B*07:08+B*40:38	B*07:32+B*40:52		
B*07:08+B*40:80	B*07:32+B*40:31		
B*07:08+B*40:89	B*07:32+B*40:09		
B*07:08+B*40:105	B*07:32+B*40:03		
B*07:08+B*40:117	B*07:38+B*40:43		
B*07:08+B*42:01:01	B*07:83+B*42:07		
B*07:08+B*44:14	B*07:32+B*44:51		
B*07:08+B*44:77	B*07:32+B*44:107		
B*07:08+B*51:01:01G	B*07:32+B*51:90	B*07:38+B*78:01	
B*07:08+B*51:13:01	B*07:32+B*51:92		
B*07:08+B*51:21	B*07:38+B*78:07		
B*07:08+B*51:22	B*07:38+B*78:03	B*07:69+B*51:90	B*07:85+B*51:01:01G
B*07:08+B*51:63	B*07:32+B*51:37		
B*07:08+B*52:01:01G	B*07:32+B*52:12		
B*07:08+B*53:01:01	B*07:38+B*35:29		
B*07:08+B*53:04	B*07:38+B*35:136		
B*07:08+B*54:01:01G	B*07:32+B*54:16		
B*07:08+B*55:02:01G	B*07:32+B*55:46		
B*07:08+B*55:20	B*07:84+B*08:26		
B*07:08+B*55:32	B*07:32+B*55:23		
B*07:08+B*67:01:02	B*07:83+B*39:10		
B*07:08+B*78:03	B*07:85+B*78:01		
B*07:09+B*07:14	B*07:17+B*07:18:02		
B*07:09+B*07:36	B*07:11+B*07:81		
B*07:09+B*07:75	B*07:11+B*07:91		
B*07:09+B*08:15	B*07:92+B*08:35		
B*07:09+B*08:18	B*07:102+B*08:35		
B*07:09+B*08:23	B*07:91+B*08:35		
B*07:09+B*08:28	B*07:17+B*08:37		
B*07:09+B*08:39	B*07:93+B*08:35		
B*07:09+B*08:47	B*07:11+B*08:01:01G	B*07:57+B*08:35	
B*07:09+B*08:52	B*07:81+B*08:35		
B*07:09+B*08:64	B*07:113+B*08:35		
B*07:09+B*13:01:01G	B*07:11+B*13:25		
B*07:09+B*15:06	B*07:17+B*15:195		
B*07:09+B*15:24	B*07:11+B*15:87		
B*07:09+B*15:77	B*07:28+B*15:154		
B*07:09+B*15:90	B*07:52+B*15:18:01G		
B*07:09+B*15:128	B*07:17+B*15:01:01G		
B*07:09+B*15:135	B*07:11+B*15:01:01G		
B*07:09+B*15:156	B*07:17+B*15:03:01G		
B*07:09+B*18:20	B*07:17+B*18:01:01G		
B*07:09+B*18:49	B*07:11+B*18:01:01G		
B*07:09+B*27:35	B*07:115+B*27:41		
B*07:09+B*35:12:01	B*07:80+B*35:61		
B*07:09+B*35:27	B*07:11+B*35:01:01G		
B*07:09+B*35:39	B*07:18:02+B*35:51	B*07:26+B*35:61	
B*07:09+B*35:56	B*07:11+B*35:03:01G		
B*07:09+B*40:09	B*07:17+B*40:18	B*07:96:01+B*40:03	
B*07:09+B*40:19	B*07:36+B*40:105		

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B*07:09+B*40:37	B*07:11+B*40:02:01G	B*07:57+B*40:105	
B*07:09+B*40:39	B*07:31+B*40:105		
B*07:09+B*40:42	B*07:17+B*40:33	B*07:96:01+B*40:52	
B*07:09+B*40:57	B*07:71+B*40:105		
B*07:09+B*40:63	B*07:24+B*40:38		
B*07:09+B*40:64	B*07:18:01+B*40:105		
B*07:09+B*40:65	B*07:87+B*40:38		
B*07:09+B*40:70	B*07:84+B*40:105		
B*07:09+B*40:73	B*07:92+B*40:38		
B*07:09+B*40:79	B*07:23+B*40:38		
B*07:09+B*40:87	B*07:68:01+B*40:38		
B*07:09+B*40:89	B*07:17+B*40:02:01G	B*07:96:01+B*40:105	
B*07:09+B*40:92	B*07:60+B*40:38		
B*07:09+B*40:115	B*07:94+B*40:105		
B*07:09+B*40:117	B*07:36+B*40:38		
B*07:09+B*40:120	B*07:12+B*40:03		
B*07:09+B*44:02:01G	B*07:17+B*44:51	B*07:28+B*44:17	
B*07:09+B*44:03:01G	B*07:11+B*44:109	B*07:17+B*44:45	B*07:28+B*44:43:01
B*07:09+B*44:05:01	B*07:96:01+B*44:17		
B*07:09+B*45:02	B*07:115+B*45:09		
B*07:09+B*51:76	B*07:93+B*51:63		
B*07:09+B*52:01:02	B*07:11+B*52:09		
B*07:09+B*52:06:02	B*07:54+B*51:63		
B*07:09+B*53:01:01	B*07:11+B*53:05		
B*07:09+B*53:13	B*07:11+B*53:12		
B*07:09+B*53:24	B*07:11+B*53:16		
B*07:09+B*55:12	B*07:11+B*55:02:01G		
B*07:09+B*55:41	B*07:17+B*55:02:01G		
B*07:09+B*57:04	B*07:28+B*57:19		
B*07:09+B*78:06	B*07:11+B*78:05		
B*07:10+B*07:16	B*07:85+B*07:91		
B*07:10+B*07:32	B*07:69+B*07:83		
B*07:10+B*08:01:01G	B*07:83+B*08:65		
B*07:10+B*15:29	B*07:83+B*15:18:01G		
B*07:10+B*15:56	B*07:83+B*15:66		
B*07:10+B*18:07:01	B*07:83+B*18:33		
B*07:10+B*27:12	B*07:85+B*27:26		
B*07:10+B*27:29	B*07:27+B*27:26		
B*07:10+B*35:01:01G	B*07:83+B*35:82		
B*07:10+B*35:03:01G	B*07:83+B*35:85		
B*07:10+B*35:43:01G	B*07:83+B*35:135		
B*07:10+B*39:20	B*07:75+B*39:01:09		
B*07:10+B*39:58	B*07:83+B*39:01:01G		
B*07:10+B*42:07	B*07:85+B*42:01:01		
B*07:10+B*51:01:01G	B*07:83+B*51:22		
B*07:10+B*78:01	B*07:83+B*78:03		
B*07:11+B*07:96:01	B*07:17+B*07:57		
B*07:11+B*08:07	B*07:57+B*08:37		
B*07:11+B*08:23	B*07:75+B*08:35		
B*07:11+B*08:52	B*07:36+B*08:35		
B*07:11+B*15:10:01	B*07:57+B*15:18:01G		
B*07:11+B*15:45	B*07:57+B*15:07:01G		
B*07:11+B*15:128	B*07:17+B*15:135		
B*07:11+B*18:20	B*07:17+B*18:49		
B*07:11+B*40:01:01G	B*07:57+B*40:38		
B*07:11+B*40:18	B*07:57+B*40:03		
B*07:11+B*40:33	B*07:57+B*40:52		
B*07:11+B*40:89	B*07:17+B*40:37		
B*07:11+B*44:107	B*07:57+B*44:43:01		
B*07:11+B*51:01:01G	B*07:57+B*51:63		
B*07:11+B*51:08	B*07:57+B*51:97		
B*07:11+B*51:90	B*07:57+B*51:37		
B*07:11+B*55:41	B*07:17+B*55:12		
B*07:12+B*15:02:05	B*07:14+B*15:194		
B*07:12+B*15:32	B*07:77+B*15:85		
B*07:12+B*15:154	B*07:18:02+B*15:85		
B*07:12+B*18:01:01G	B*07:18:02+B*18:52		
B*07:12+B*18:01:06	B*07:18:01+B*18:52		
B*07:12+B*18:20	B*07:14+B*18:52		
B*07:12+B*35:12:01	B*07:18:02+B*35:04:01		
B*07:12+B*35:12:02	B*07:18:01+B*35:04:01		
B*07:12+B*35:39	B*07:18:02+B*35:34		
B*07:12+B*35:59	B*07:18:02+B*35:06		
B*07:12+B*35:61	B*07:18:01+B*35:08:03	B*07:18:02+B*35:08:01	
B*07:12+B*40:09	B*07:96:01+B*40:120		
B*07:14+B*08:37	B*07:18:02+B*08:28		
B*07:14+B*15:01:01G	B*07:18:02+B*15:128		
B*07:14+B*15:01:14	B*07:18:01+B*15:128		
B*07:14+B*15:03:01G	B*07:18:02+B*15:156		
B*07:14+B*15:07:01G	B*07:96:01+B*15:154		
B*07:14+B*15:195	B*07:18:02+B*15:06		
B*07:14+B*18:01:01G	B*07:18:02+B*18:20		
B*07:14+B*18:01:06	B*07:18:01+B*18:20		
B*07:14+B*27:32	B*07:96:01+B*27:19		
B*07:14+B*35:05:01	B*07:96:01+B*35:01:04		
B*07:14+B*35:22	B*07:96:01+B*35:12:01		
B*07:14+B*35:51	B*07:17+B*35:39		
B*07:14+B*38:19	B*07:96:01+B*38:20		
B*07:14+B*39:03	B*07:96:01+B*39:42		
B*07:14+B*40:02:01G	B*07:18:02+B*40:89		
B*07:14+B*40:02:09	B*07:18:01+B*40:89	B*07:96:01+B*40:64	
B*07:14+B*40:18	B*07:18:02+B*40:09		
B*07:14+B*40:33	B*07:18:02+B*40:42		
B*07:14+B*44:45	B*07:18:02+B*44:03:01G		
B*07:14+B*44:51	B*07:18:02+B*44:02:01G		
B*07:14+B*44:54	B*07:96:01+B*44:03:01G		
B*07:14+B*44:106	B*07:28+B*44:05:01	B*07:96:01+B*44:02:01G	
B*07:14+B*55:02:01G	B*07:18:02+B*55:41		
B*07:15+B*08:12:01	B*07:92+B*08:16		
B*07:15+B*35:01:01G	B*07:92+B*35:92		
B*07:16+B*15:01:01G	B*07:50+B*15:152	B*15:11:01G+B*48:08	
B*07:16+B*15:01:14	B*15:11:03+B*48:08		
B*07:16+B*15:15	B*07:50+B*15:11:01G		
B*07:16+B*15:43	B*07:27+B*15:152		
B*07:16+B*15:139	B*07:37+B*15:02:01		

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B*07:16+B*27:26	B*07:91+B*27:12	
B*07:16+B*35:78	B*07:37+B*35:01:01G	
B*07:16+B*40:01:01G	B*07:50+B*40:61	
B*07:16+B*42:01:01	B*07:91+B*42:07	
B*07:16+B*55:34	B*48:08+B*55:02:01G	
B*07:16+B*55:47	B*07:50+B*55:02:01G	
B*07:16+B*67:01:02	B*07:91+B*39:10	
B*07:17+B*15:10:01	B*07:96:01+B*15:18:01G	
B*07:17+B*15:45	B*07:96:01+B*15:07:01G	
B*07:17+B*15:58	B*07:115+B*15:01:01G	
B*07:17+B*35:06	B*07:115+B*35:01:01G	
B*07:17+B*35:34	B*07:96:01+B*35:01:01G	
B*07:17+B*39:05:01	B*07:115+B*39:07	
B*07:17+B*40:01:01G	B*07:96:01+B*40:38	
B*07:17+B*40:36	B*07:115+B*40:52	
B*07:17+B*44:107	B*07:96:01+B*44:43:01	
B*07:17+B*51:01:01G	B*07:96:01+B*51:63	
B*07:17+B*51:08	B*07:96:01+B*51:97	
B*07:17+B*51:13:02	B*07:115+B*51:37	
B*07:17+B*51:90	B*07:96:01+B*51:37	
B*07:17+B*55:13	B*07:115+B*55:23	
B*07:18:01+B*08:12:01	B*07:18:02+B*08:12:03	
B*07:18:01+B*14:06:01	B*07:18:02+B*14:06:02	
B*07:18:01+B*15:01:01G	B*07:18:02+B*15:01:14	
B*07:18:01+B*15:02:05	B*07:18:02+B*15:02:01	
B*07:18:01+B*15:11:01G	B*07:18:02+B*15:11:03	
B*07:18:01+B*15:18:01G	B*07:18:02+B*15:18:02	
B*07:18:01+B*15:25:02	B*07:18:02+B*15:25:01G	
B*07:18:01+B*15:27:02	B*07:18:02+B*15:27:01	
B*07:18:01+B*18:01:01G	B*07:18:02+B*18:01:06	
B*07:18:01+B*35:01:04	B*07:18:02+B*35:01:01G	
B*07:18:01+B*35:12:01	B*07:18:02+B*35:12:02	
B*07:18:01+B*39:06:01	B*07:18:02+B*39:06:02	
B*07:18:01+B*40:01:01G	B*07:18:02+B*40:01:04	
B*07:18:01+B*40:19	B*07:36+B*40:64	
B*07:18:01+B*40:37	B*07:57+B*40:64	
B*07:18:01+B*40:39	B*07:31+B*40:64	
B*07:18:01+B*40:57	B*07:71+B*40:64	
B*07:18:01+B*40:70	B*07:84+B*40:64	
B*07:18:01+B*40:115	B*07:94+B*40:64	
B*07:18:01+B*40:124:02	B*07:18:02+B*40:124:01	
B*07:18:01+B*41:02:01	B*40:32+B*42:13	
B*07:18:01+B*42:11	B*42:13+B*48:08	
B*07:18:01+B*44:02:01G	B*07:18:02+B*44:02:07	
B*07:18:01+B*44:03:01G	B*07:18:02+B*44:03:02	
B*07:18:01+B*44:28:02	B*07:18:02+B*44:28:01	
B*07:18:01+B*44:64:02	B*07:18:02+B*44:64:01	
B*07:18:01+B*48:03:01	B*07:18:02+B*48:03:02	
B*07:18:01+B*51:01:16	B*07:18:02+B*51:01:01G	
B*07:18:01+B*55:02:04	B*07:18:02+B*55:02:01G	
B*07:18:02+B*15:32	B*07:77+B*15:154	
B*07:18:02+B*27:14	B*07:84+B*27:19	
B*07:18:02+B*39:09	B*07:77+B*39:42	
B*07:18:02+B*39:37	B*07:91+B*39:42	
B*07:18:02+B*53:14	B*07:36+B*35:01:04	
B*07:20+B*15:01:01G	B*07:24+B*15:14	
B*07:20+B*15:03:01G	B*07:24+B*15:131	
B*07:20+B*15:18:01G	B*07:24+B*15:161	
B*07:20+B*15:50	B*07:31+B*15:14	
B*07:20+B*15:93	B*07:31+B*15:161	
B*07:20+B*15:123:01G	B*07:24+B*15:91	
B*07:20+B*27:05:03	B*07:24+B*27:50	
B*07:20+B*35:01:01G	B*07:24+B*35:71	
B*07:20+B*35:08:01	B*07:24+B*35:45	
B*07:20+B*35:93	B*07:31+B*35:71	B*07:43+B*35:45
B*07:20+B*40:01:01G	B*07:24+B*40:132	
B*07:20+B*44:37	B*07:24+B*44:03:01G	
B*07:20+B*44:42	B*07:24+B*44:05:01	
B*07:20+B*44:91	B*07:24+B*44:02:01G	
B*07:20+B*45:04	B*07:24+B*45:01:01G	
B*07:20+B*45:08	B*07:31+B*45:01:01G	
B*07:20+B*46:01:01G	B*07:24+B*46:17	
B*07:20+B*49:07	B*07:36+B*50:02	
B*07:20+B*50:01:01	B*07:24+B*50:02	
B*07:20+B*51:02:01	B*07:24+B*51:23	
B*07:20+B*52:01:01G	B*07:24+B*52:15	
B*07:20+B*57:03:01	B*07:24+B*57:07	
B*07:20+B*58:02	B*07:24+B*58:07	
B*07:22:01+B*07:68:02	B*07:22:02+B*07:68:01	
B*07:22:01+B*08:01:13	B*07:22:02+B*08:01:02	
B*07:22:01+B*13:22:02	B*07:22:02+B*13:22:01	
B*07:22:01+B*15:05:02	B*07:22:02+B*15:05:01	
B*07:22:01+B*15:27:03	B*07:22:02+B*15:27:01	
B*07:22:01+B*15:38:02	B*07:22:02+B*15:38:01	
B*07:22:01+B*15:39:02	B*07:22:02+B*15:39:01	
B*07:22:01+B*35:03:01G	B*07:22:02+B*35:03:02	
B*07:22:01+B*35:11:01	B*07:22:02+B*35:11:02	
B*07:22:01+B*35:14:01	B*07:22:02+B*35:14:02	
B*07:22:01+B*38:01:01	B*07:22:02+B*38:01:03	
B*07:22:01+B*39:01:01G	B*07:22:02+B*39:01:05	
B*07:22:01+B*40:14:01	B*07:22:02+B*40:14:02	
B*07:22:01+B*44:02:01G	B*07:22:02+B*44:02:09	
B*07:22:01+B*46:01:03	B*07:22:02+B*46:01:01G	
B*07:22:01+B*46:13:01	B*07:22:02+B*46:13:03	
B*07:22:01+B*46:21:02	B*07:22:02+B*46:21:01	
B*07:22:01+B*51:24:04	B*07:22:02+B*51:24:03	
B*07:22:01+B*53:01:01	B*07:22:02+B*53:01:03	
B*07:22:01+B*53:08:01	B*07:22:02+B*53:08:02	
B*07:22:01+B*56:01:01G	B*07:22:02+B*56:01:03	
B*07:22:01+B*58:01:01G	B*07:22:02+B*58:01:05	
B*07:23+B*15:12:01G	B*07:64+B*15:159	
B*07:23+B*15:24	B*07:36+B*15:159	
B*07:23+B*15:60	B*07:117+B*15:159	
B*07:23+B*15:87	B*07:81+B*15:159	
B*07:23+B*15:128	B*07:96:01+B*15:159	

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B*07:23+B*15:135	B*07:57+B*15:159	
B*07:23+B*40:63	B*07:24+B*40:79	
B*07:23+B*40:65	B*07:87+B*40:79	
B*07:23+B*40:73	B*07:92+B*40:79	
B*07:23+B*40:87	B*07:68:01+B*40:79	
B*07:23+B*40:92	B*07:60+B*40:79	
B*07:23+B*40:117	B*07:36+B*40:79	
B*07:24+B*08:01:01G	B*07:31+B*08:21	
B*07:24+B*08:13	B*07:31+B*08:25	
B*07:24+B*14:01:01	B*07:31+B*14:19	
B*07:24+B*15:44	B*07:31+B*15:21	
B*07:24+B*15:50	B*07:31+B*15:01:01G	
B*07:24+B*15:93	B*07:31+B*15:18:01G	
B*07:24+B*15:121	B*07:31+B*15:02:01	
B*07:24+B*18:01:01G	B*07:31+B*18:36	
B*07:24+B*27:15	B*07:31+B*27:63	
B*07:24+B*27:55	B*07:87+B*27:38	
B*07:24+B*27:71	B*07:31+B*27:38	
B*07:24+B*35:93	B*07:31+B*35:01:01G	B*07:43+B*35:08:01
B*07:24+B*39:34	B*07:43+B*39:33	
B*07:24+B*39:48	B*07:31+B*39:32	
B*07:24+B*40:65	B*07:87+B*40:63	
B*07:24+B*40:73	B*07:92+B*40:63	
B*07:24+B*40:87	B*07:68:01+B*40:63	
B*07:24+B*40:92	B*07:60+B*40:63	
B*07:24+B*40:117	B*07:36+B*40:63	
B*07:24+B*42:08	B*07:60+B*42:05:01	
B*07:24+B*44:04	B*07:31+B*44:28:02	
B*07:24+B*45:08	B*07:31+B*45:04	
B*07:24+B*46:18	B*07:31+B*46:11	
B*07:24+B*46:21:01	B*07:31+B*46:13:03	
B*07:24+B*46:21:02	B*07:31+B*46:13:01	
B*07:24+B*48:04	B*07:60+B*48:01:01G	
B*07:24+B*48:13	B*07:60+B*48:10	
B*07:24+B*51:21	B*07:31+B*51:01:01G	B*07:43+B*51:29
B*07:24+B*54:01:01G	B*07:31+B*54:03	
B*07:24+B*55:01:01G	B*07:31+B*56:25	
B*07:24+B*55:02:01G	B*07:31+B*56:01:01G	
B*07:24+B*55:13	B*07:31+B*56:22	
B*07:24+B*56:10	B*07:31+B*56:02	
B*07:24+B*57:26	B*07:31+B*57:01:01G	B*07:43+B*57:19
B*07:24+B*59:01	B*07:31+B*59:04	
B*07:24+B*78:07	B*07:31+B*78:01	
B*07:25+B*08:13	B*07:48+B*08:01:01G	
B*07:25+B*08:25	B*07:48+B*08:21	
B*07:25+B*15:05:02	B*07:48+B*15:179	
B*07:25+B*15:18:01G	B*07:26+B*15:51	
B*07:25+B*35:01:01G	B*07:48+B*35:115	
B*07:25+B*35:03:01G	B*07:48+B*35:38	
B*07:25+B*40:14:01	B*07:48+B*40:136	
B*07:25+B*44:03:01G	B*07:48+B*44:02:01G	
B*07:25+B*44:03:02	B*07:48+B*44:02:07	
B*07:25+B*44:13	B*07:48+B*44:67	
B*07:25+B*44:29	B*07:48+B*44:89	
B*07:25+B*44:37	B*07:48+B*44:91	
B*07:25+B*44:40	B*07:48+B*44:44	
B*07:25+B*44:43:01	B*07:48+B*44:17	
B*07:25+B*44:45	B*07:48+B*44:51	
B*07:25+B*44:46	B*07:48+B*44:09	
B*07:25+B*44:47	B*07:48+B*44:20	
B*07:25+B*44:50	B*07:48+B*44:95	
B*07:25+B*44:54	B*07:48+B*44:106	
B*07:25+B*44:57	B*07:48+B*44:08	
B*07:25+B*44:64:02	B*07:48+B*44:16	
B*07:25+B*44:65	B*07:48+B*44:41	
B*07:25+B*44:105	B*07:48+B*44:22	
B*07:25+B*50:01:01	B*07:26+B*45:04	
B*07:25+B*50:02	B*07:26+B*45:01:01G	
B*07:25+B*51:09:01	B*07:48+B*51:08	
B*07:25+B*51:42	B*07:48+B*44:06	
B*07:25+B*51:55	B*07:66+B*51:08	
B*07:25+B*51:63	B*07:26+B*51:97	
B*07:25+B*52:10	B*07:48+B*52:19	
B*07:25+B*56:01:01G	B*07:48+B*56:13	
B*07:25+B*57:01:01G	B*07:48+B*57:24	
B*07:25+B*57:30	B*07:51+B*57:24	
B*07:26+B*07:34	B*07:43+B*07:80	
B*07:26+B*07:53	B*07:33+B*07:80	
B*07:26+B*07:69	B*07:80+B*07:85	
B*07:26+B*08:35	B*07:80+B*08:37	
B*07:26+B*13:01:01G	B*07:48+B*13:20	
B*07:26+B*13:02:01G	B*07:48+B*13:16	
B*07:26+B*13:06	B*07:43+B*13:01:01G	
B*07:26+B*13:31	B*07:55+B*13:16	
B*07:26+B*15:01:01G	B*07:55+B*15:39:01	
B*07:26+B*15:05:01	B*07:48+B*15:39:01	
B*07:26+B*15:05:02	B*07:48+B*15:39:02	
B*07:26+B*15:27:01	B*07:55+B*15:195	
B*07:26+B*15:30	B*07:80+B*15:63	
B*07:26+B*15:50	B*07:43+B*15:117	
B*07:26+B*15:54	B*07:55+B*15:03:01G	
B*07:26+B*15:91	B*07:48+B*15:131	
B*07:26+B*15:117	B*07:55+B*15:40	
B*07:26+B*15:123:01G	B*07:48+B*15:03:01G	
B*07:26+B*15:144	B*07:55+B*15:02:01	
B*07:26+B*18:01:01G	B*07:43+B*18:50	B*07:48+B*18:15
B*07:26+B*18:11	B*07:43+B*18:10	
B*07:26+B*18:19	B*07:55+B*18:15	
B*07:26+B*27:05:02G	B*07:48+B*27:10	
B*07:26+B*27:08	B*07:48+B*27:40	
B*07:26+B*27:15	B*07:43+B*27:04:01G	
B*07:26+B*27:25	B*07:55+B*27:63	
B*07:26+B*27:61	B*07:48+B*27:04:01G	
B*07:26+B*27:71	B*07:43+B*27:05:02G	
B*07:26+B*35:01:01G	B*07:48+B*35:11:01	

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B*07:26+B*35:04:01	B*07:80+B*35:34		
B*07:26+B*35:05:01	B*07:48+B*35:58		
B*07:26+B*35:06	B*07:80+B*35:03:01G		
B*07:26+B*35:12:01	B*07:80+B*35:39		
B*07:26+B*35:14:01	B*07:55+B*35:11:01		
B*07:26+B*35:14:02	B*07:55+B*35:11:02		
B*07:26+B*35:24:01	B*07:48+B*35:21		
B*07:26+B*35:62	B*07:48+B*35:14:01	B*07:55+B*35:01:01G	
B*07:26+B*35:93	B*07:43+B*35:15		
B*07:26+B*37:01:01G	B*07:48+B*37:13		
B*07:26+B*39:01:01G	B*07:43+B*39:47	B*07:48+B*39:35	B*07:80+B*39:15
B*07:26+B*39:05:01	B*07:80+B*39:55		
B*07:26+B*39:06:02	B*07:43+B*39:50		
B*07:26+B*39:08	B*07:91+B*39:02:01	B*48:08+B*67:01:01	
B*07:26+B*39:13:01	B*07:80+B*39:49		
B*07:26+B*39:14	B*07:80+B*39:29		
B*07:26+B*40:01:01G	B*07:80+B*40:33		
B*07:26+B*40:02:01G	B*07:80+B*40:18		
B*07:26+B*40:06:01G	B*07:48+B*40:148	B*07:80+B*40:44	
B*07:26+B*40:16	B*07:80+B*40:32		
B*07:26+B*40:38	B*07:80+B*40:52		
B*07:26+B*40:39	B*07:34+B*40:18	B*07:43+B*40:02:01G	
B*07:26+B*40:80	B*07:80+B*40:31		
B*07:26+B*40:89	B*07:80+B*40:09		
B*07:26+B*40:105	B*07:80+B*40:03		
B*07:26+B*44:03:01G	B*07:48+B*44:79		
B*07:26+B*44:14	B*07:80+B*44:51		
B*07:26+B*44:77	B*07:80+B*44:107		
B*07:26+B*45:08	B*07:43+B*45:10		
B*07:26+B*46:01:01G	B*07:55+B*46:08		
B*07:26+B*46:09	B*07:48+B*46:01:01G	B*07:55+B*46:13:03	
B*07:26+B*46:13:03	B*07:48+B*46:08		
B*07:26+B*48:01:01G	B*07:48+B*48:15		
B*07:26+B*48:19	B*07:55+B*48:01:01G		
B*07:26+B*49:11	B*07:48+B*49:01:01		
B*07:26+B*51:01:01G	B*07:80+B*51:90		
B*07:26+B*51:05	B*07:36+B*78:04		
B*07:26+B*51:09:01	B*07:48+B*51:01:01G		
B*07:26+B*51:09:02	B*07:48+B*51:01:02		
B*07:26+B*51:13:01	B*07:80+B*51:92		
B*07:26+B*51:21	B*07:43+B*51:16		
B*07:26+B*51:31	B*07:48+B*51:16		
B*07:26+B*51:55	B*07:66+B*51:01:01G		
B*07:26+B*51:63	B*07:80+B*51:37		
B*07:26+B*52:01:01G	B*07:80+B*52:12		
B*07:26+B*52:10	B*07:48+B*52:01:01G		
B*07:26+B*52:21	B*07:55+B*52:01:02		
B*07:26+B*53:01:01	B*07:48+B*53:08:01		
B*07:26+B*53:01:03	B*07:48+B*53:08:02		
B*07:26+B*54:01:01G	B*07:80+B*54:16		
B*07:26+B*55:01:01G	B*07:43+B*55:24		
B*07:26+B*55:02:01G	B*07:43+B*55:22	B*07:48+B*55:01:01G	B*07:80+B*55:46
B*07:26+B*55:21	B*07:55+B*55:01:01G		
B*07:26+B*55:22	B*07:48+B*55:24		
B*07:26+B*55:32	B*07:80+B*55:23		
B*07:26+B*56:01:01G	B*07:48+B*56:25		
B*07:26+B*57:01:01G	B*07:48+B*57:22		
B*07:26+B*57:26	B*07:43+B*57:25		
B*07:26+B*57:30	B*07:51+B*57:22		
B*07:26+B*58:01:01G	B*07:48+B*58:19		
B*07:26+B*58:02	B*07:48+B*58:06		
B*07:27+B*15:01:01G	B*07:50+B*15:43		
B*07:27+B*27:08	B*07:50+B*27:05:02G		
B*07:27+B*27:12	B*07:50+B*27:16	B*07:85+B*27:29	
B*07:27+B*27:33	B*07:50+B*27:07		
B*07:27+B*27:40	B*07:50+B*27:10		
B*07:27+B*35:01:01G	B*07:50+B*53:03		
B*07:27+B*35:10	B*48:08+B*53:03		
B*07:27+B*37:11	B*07:50+B*37:01:01G		
B*07:27+B*39:05:01	B*07:50+B*38:17		
B*07:27+B*47:02	B*07:50+B*47:01:01G		
B*07:28+B*27:46	B*07:96:01+B*27:05:02G		
B*07:28+B*44:25	B*07:96:01+B*44:95		
B*07:28+B*44:42	B*07:96:01+B*44:91		
B*07:28+B*57:03:01	B*07:80+B*57:04		
B*07:29+B*08:26	B*07:72+B*08:01:01G		
B*07:29+B*08:50	B*07:86+B*08:01:01G		
B*07:29+B*15:01:01G	B*07:86+B*15:142		
B*07:29+B*44:02:01G	B*07:86+B*44:49		
B*07:29+B*51:01:01G	B*07:86+B*51:68		
B*07:31+B*13:02:01G	B*07:43+B*13:18		
B*07:31+B*14:02:01	B*07:43+B*14:03		
B*07:31+B*15:10:01	B*07:43+B*15:99		
B*07:31+B*15:39:01	B*07:43+B*15:65		
B*07:31+B*18:01:01G	B*07:43+B*18:13		
B*07:31+B*18:15	B*07:43+B*18:30		
B*07:31+B*27:55	B*07:87+B*27:71		
B*07:31+B*35:01:04	B*07:43+B*35:08:03		
B*07:31+B*35:09:02	B*07:43+B*35:18		
B*07:31+B*35:10	B*07:43+B*35:80		
B*07:31+B*35:124	B*07:43+B*35:142		
B*07:31+B*39:05:01	B*07:43+B*39:11		
B*07:31+B*40:01:01G	B*07:43+B*40:128		
B*07:31+B*40:19	B*07:36+B*40:39		
B*07:31+B*40:37	B*07:57+B*40:39		
B*07:31+B*40:57	B*07:71+B*40:39		
B*07:31+B*40:70	B*07:84+B*40:39		
B*07:31+B*40:89	B*07:96:01+B*40:39		
B*07:31+B*40:115	B*07:94+B*40:39		
B*07:31+B*44:03:01G	B*07:43+B*44:28:02		
B*07:31+B*44:03:02	B*07:43+B*44:28:01		
B*07:31+B*44:79	B*07:43+B*44:76		
B*07:31+B*53:01:01	B*07:43+B*53:24		
B*07:31+B*53:05	B*07:43+B*53:16		
B*07:31+B*53:13	B*07:43+B*53:11		

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B*07:31+B*54:01:01G	B*07:43+B*54:10	
B*07:31+B*55:02:01G	B*07:43+B*55:37	
B*07:31+B*57:03:01	B*07:43+B*57:02:01	
B*07:31+B*58:01:01G	B*07:43+B*58:22	
B*07:32+B*08:65	B*07:69+B*08:01:01G	
B*07:32+B*15:18:01G	B*07:69+B*15:29	
B*07:32+B*15:66	B*07:69+B*15:56	
B*07:32+B*18:33	B*07:69+B*18:07:01	
B*07:32+B*35:82	B*07:69+B*35:01:01G	
B*07:32+B*35:85	B*07:69+B*35:03:01G	B*07:85+B*35:06
B*07:32+B*35:135	B*07:69+B*35:43:01G	
B*07:32+B*39:01:01G	B*07:69+B*39:58	
B*07:32+B*51:22	B*07:69+B*51:01:01G	
B*07:32+B*78:03	B*07:69+B*78:01	
B*07:33+B*07:34	B*07:43+B*07:53	
B*07:33+B*07:69	B*07:53+B*07:85	
B*07:33+B*08:01:01G	B*07:53+B*08:07	
B*07:33+B*08:35	B*07:53+B*08:37	
B*07:33+B*15:01:01G	B*07:60+B*15:117	
B*07:33+B*15:30	B*07:53+B*15:63	
B*07:33+B*15:39:01	B*07:60+B*15:40	
B*07:33+B*18:36	B*07:60+B*18:50	
B*07:33+B*27:38	B*07:60+B*27:05:02G	
B*07:33+B*27:63	B*07:60+B*27:04:01G	
B*07:33+B*35:01:01G	B*07:60+B*35:15	
B*07:33+B*35:03:01G	B*07:60+B*35:33	
B*07:33+B*35:04:01	B*07:53+B*35:34	
B*07:33+B*35:06	B*07:53+B*35:03:01G	
B*07:33+B*35:12:01	B*07:53+B*35:39	
B*07:33+B*35:43:01G	B*07:60+B*35:86	
B*07:33+B*39:01:01G	B*07:53+B*39:15	
B*07:33+B*39:05:01	B*07:53+B*39:55	
B*07:33+B*39:13:01	B*07:53+B*39:49	
B*07:33+B*39:14	B*07:53+B*39:29	
B*07:33+B*40:01:01G	B*07:53+B*40:33	
B*07:33+B*40:02:01G	B*07:53+B*40:18	
B*07:33+B*40:06:01G	B*07:53+B*40:44	
B*07:33+B*40:14:03	B*07:86+B*40:11:01	
B*07:33+B*40:16	B*07:53+B*40:32	
B*07:33+B*40:38	B*07:53+B*40:52	
B*07:33+B*40:80	B*07:53+B*40:31	
B*07:33+B*40:89	B*07:53+B*40:09	
B*07:33+B*40:105	B*07:53+B*40:03	
B*07:33+B*44:02:01G	B*07:60+B*44:21	
B*07:33+B*44:14	B*07:53+B*44:51	
B*07:33+B*44:37	B*07:60+B*44:64:02	
B*07:33+B*44:77	B*07:53+B*44:107	
B*07:33+B*44:91	B*07:60+B*44:16	
B*07:33+B*45:04	B*07:60+B*45:10	
B*07:33+B*48:12	B*07:68:02+B*48:13	
B*07:33+B*48:18	B*07:81+B*48:04	
B*07:33+B*49:01:01	B*07:60+B*49:07	
B*07:33+B*51:01:01G	B*07:53+B*51:90	B*07:60+B*51:16
B*07:33+B*51:02:01	B*07:60+B*51:34	
B*07:33+B*51:09:01	B*07:60+B*51:31	
B*07:33+B*51:13:01	B*07:53+B*51:92	
B*07:33+B*51:29	B*07:60+B*51:82	
B*07:33+B*51:63	B*07:53+B*51:37	
B*07:33+B*52:01:01G	B*07:53+B*52:12	B*07:60+B*52:08
B*07:33+B*54:01:01G	B*07:53+B*54:16	
B*07:33+B*55:02:01G	B*07:53+B*55:46	
B*07:33+B*55:32	B*07:53+B*55:23	
B*07:33+B*56:01:01G	B*07:60+B*55:22	
B*07:33+B*56:25	B*07:60+B*55:24	
B*07:33+B*57:01:01G	B*07:60+B*57:25	
B*07:34+B*07:85	B*07:43+B*07:69	
B*07:34+B*08:07	B*07:43+B*08:01:01G	
B*07:34+B*08:37	B*07:43+B*08:35	
B*07:34+B*13:01:01G	B*07:80+B*13:06	
B*07:34+B*15:63	B*07:43+B*15:30	
B*07:34+B*15:117	B*07:80+B*15:50	
B*07:34+B*15:124	B*15:93+B*81:01:01G	
B*07:34+B*18:10	B*07:80+B*18:11	
B*07:34+B*18:50	B*07:80+B*18:01:01G	
B*07:34+B*27:04:01G	B*07:80+B*27:15	
B*07:34+B*27:05:02G	B*07:80+B*27:71	
B*07:34+B*35:03:01G	B*07:43+B*35:06	
B*07:34+B*35:15	B*07:80+B*35:93	
B*07:34+B*35:34	B*07:43+B*35:04:01	
B*07:34+B*35:39	B*07:43+B*35:12:01	
B*07:34+B*39:15	B*07:43+B*39:01:01G	
B*07:34+B*39:29	B*07:43+B*39:14	
B*07:34+B*39:47	B*07:80+B*39:01:01G	
B*07:34+B*39:49	B*07:43+B*39:13:01	
B*07:34+B*39:50	B*07:80+B*39:06:02	
B*07:34+B*39:55	B*07:43+B*39:05:01	
B*07:34+B*40:02:01G	B*07:80+B*40:39	
B*07:34+B*40:03	B*07:43+B*40:105	
B*07:34+B*40:09	B*07:43+B*40:89	
B*07:34+B*40:31	B*07:43+B*40:80	
B*07:34+B*40:32	B*07:43+B*40:16	
B*07:34+B*40:33	B*07:43+B*40:01:01G	
B*07:34+B*40:44	B*07:43+B*40:06:01G	
B*07:34+B*40:52	B*07:43+B*40:38	
B*07:34+B*44:51	B*07:43+B*44:14	
B*07:34+B*44:107	B*07:43+B*44:77	
B*07:34+B*45:10	B*07:80+B*45:08	
B*07:34+B*51:16	B*07:80+B*51:21	
B*07:34+B*51:37	B*07:43+B*51:63	
B*07:34+B*51:90	B*07:43+B*51:01:01G	
B*07:34+B*51:92	B*07:43+B*51:13:01	
B*07:34+B*52:12	B*07:43+B*52:01:01G	
B*07:34+B*54:16	B*07:43+B*54:01:01G	
B*07:34+B*55:22	B*07:80+B*55:02:01G	
B*07:34+B*55:23	B*07:43+B*55:32	

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B*07:34+B*55:24	B*07:80+B*55:01:01G	
B*07:34+B*55:46	B*07:43+B*55:02:01G	
B*07:34+B*57:25	B*07:80+B*57:26	
B*07:36+B*07:91	B*07:75+B*07:81	
B*07:36+B*08:01:01G	B*07:57+B*08:52	B*07:81+B*08:47
B*07:36+B*13:25	B*07:81+B*13:01:01G	
B*07:36+B*15:08	B*07:38+B*15:76	
B*07:36+B*15:12:01G	B*07:64+B*15:24	
B*07:36+B*15:25:01G	B*07:54+B*15:13	
B*07:36+B*15:56	B*07:38+B*15:101	
B*07:36+B*15:60	B*07:117+B*15:24	
B*07:36+B*15:87	B*07:81+B*15:24	
B*07:36+B*15:108	B*07:45+B*15:23	
B*07:36+B*15:128	B*07:96:01+B*15:24	
B*07:36+B*15:135	B*07:57+B*15:24	
B*07:36+B*18:01:01G	B*07:81+B*18:49	
B*07:36+B*27:42	B*07:57+B*27:53	
B*07:36+B*27:44	B*07:91+B*27:02	
B*07:36+B*35:10	B*07:54+B*53:01:01	
B*07:36+B*35:13	B*07:54+B*53:04	
B*07:36+B*35:27	B*07:57+B*53:01:01	B*07:75+B*53:23
B*07:36+B*35:56	B*07:57+B*53:04	
B*07:36+B*35:62	B*07:55+B*53:24	
B*07:36+B*35:69	B*07:54+B*53:23	
B*07:36+B*35:74	B*07:92+B*53:04	
B*07:36+B*35:80	B*07:54+B*53:24	
B*07:36+B*35:101:02	B*07:93+B*53:01:01	
B*07:36+B*35:137:01G	B*07:73+B*53:01:01	
B*07:36+B*39:04	B*07:86+B*38:14	
B*07:36+B*39:22	B*07:54+B*38:14	
B*07:36+B*39:27	B*07:92+B*38:14	
B*07:36+B*40:06:01G	B*07:57+B*40:109	
B*07:36+B*40:37	B*07:57+B*40:19	
B*07:36+B*40:57	B*07:71+B*40:19	
B*07:36+B*40:65	B*07:87+B*40:117	
B*07:36+B*40:70	B*07:84+B*40:19	
B*07:36+B*40:73	B*07:92+B*40:117	
B*07:36+B*40:87	B*07:68:01+B*40:117	
B*07:36+B*40:89	B*07:96:01+B*40:19	
B*07:36+B*40:92	B*07:60+B*40:117	
B*07:36+B*40:115	B*07:94+B*40:19	
B*07:36+B*44:75	B*07:57+B*44:25	
B*07:36+B*44:109	B*07:81+B*44:03:01G	
B*07:36+B*45:05	B*07:52+B*44:18	
B*07:36+B*48:01:01G	B*07:57+B*48:18	
B*07:36+B*48:06	B*07:38+B*81:01:01G	
B*07:36+B*50:05	B*07:39+B*49:01:01	
B*07:36+B*52:09	B*07:81+B*52:01:02	
B*07:36+B*53:05	B*07:81+B*53:01:01	
B*07:36+B*53:12	B*07:81+B*53:13	
B*07:36+B*53:16	B*07:81+B*53:24	
B*07:36+B*55:02:01G	B*07:81+B*55:12	
B*07:36+B*78:06	B*07:57+B*52:01:01G	
B*07:37+B*55:12	B*07:57+B*56:23	
B*07:37+B*55:41	B*07:96:01+B*56:23	
B*07:37+B*56:01:01G	B*07:91+B*56:17	
B*07:37+B*59:01	B*07:38+B*56:23	
B*07:38+B*08:54	B*08:03+B*48:08	
B*07:38+B*08:65	B*07:85+B*08:03	
B*07:38+B*35:20:01	B*07:50+B*53:01:01	
B*07:38+B*35:28	B*48:08+B*53:01:01	
B*07:38+B*35:72	B*07:50+B*53:14	
B*07:38+B*35:95	B*07:50+B*53:19	
B*07:38+B*39:19:01	B*07:85+B*38:06	
B*07:38+B*40:02:01G	B*07:50+B*40:13	
B*07:38+B*55:12	B*07:57+B*59:01	
B*07:38+B*55:41	B*07:96:01+B*59:01	
B*07:38+B*78:05	B*48:08+B*51:01:02	
B*07:43+B*15:52	B*07:48+B*15:93	
B*07:43+B*27:61	B*07:48+B*27:15	
B*07:43+B*51:31	B*07:48+B*51:21	
B*07:45+B*44:68	B*07:113+B*44:89	
B*07:45+B*44:69	B*07:94+B*44:29	
B*07:48+B*13:31	B*07:55+B*13:02:01G	
B*07:48+B*15:01:01G	B*07:55+B*15:05:01	
B*07:48+B*15:04	B*07:55+B*15:155	
B*07:48+B*15:38:01	B*07:55+B*15:185	
B*07:48+B*15:54	B*07:55+B*15:123:01G	
B*07:48+B*15:78:02	B*07:55+B*15:107	
B*07:48+B*18:19	B*07:55+B*18:01:01G	
B*07:48+B*39:18	B*07:55+B*39:01:05	
B*07:48+B*39:36	B*07:55+B*39:30	
B*07:48+B*46:01:03	B*07:55+B*46:13:01	
B*07:48+B*51:55	B*07:66+B*51:09:01	
B*07:48+B*55:21	B*07:55+B*55:02:01G	
B*07:48+B*57:30	B*07:51+B*57:01:01G	
B*07:50+B*13:01:01G	B*13:36+B*48:08	
B*07:50+B*15:01:01G	B*15:15+B*48:08	
B*07:50+B*15:03:01G	B*15:64+B*48:08	
B*07:50+B*15:25:01G	B*15:02:01+B*48:08	
B*07:50+B*15:25:02	B*15:02:05+B*48:08	
B*07:50+B*15:36	B*15:89+B*48:08	
B*07:50+B*15:56	B*15:08+B*48:08	
B*07:50+B*18:12	B*18:01:01G+B*48:08	
B*07:50+B*35:10	B*35:01:01G+B*48:08	
B*07:50+B*35:13	B*35:03:01G+B*48:08	
B*07:50+B*35:16	B*35:17+B*48:08	
B*07:50+B*35:28	B*35:20:01+B*48:08	
B*07:50+B*35:80	B*35:08:01+B*48:08	
B*07:50+B*38:04	B*38:02:03+B*48:08	
B*07:50+B*39:02:01	B*39:39+B*48:08	
B*07:50+B*39:22	B*39:01:01G+B*48:08	
B*07:50+B*40:01:01G	B*40:25+B*48:08	
B*07:50+B*40:07	B*40:106+B*48:08	
B*07:50+B*44:02:01G	B*44:12+B*48:08	

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B*07:50+B*52:01:01G	B*48:08+B*51:07:02	
B*07:50+B*52:01:02	B*48:08+B*51:07:01	
B*07:50+B*52:06:02	B*48:08+B*51:01:01G	
B*07:50+B*55:34	B*48:08+B*55:47	
B*07:50+B*55:40	B*48:08+B*55:01:01G	
B*07:50+B*67:01:01	B*07:91+B*39:39	
B*07:54+B*15:01:01G	B*15:101+B*48:08	
B*07:54+B*15:31	B*07:96:01+B*15:05:01	
B*07:54+B*18:06	B*07:92+B*18:12	
B*07:54+B*18:20	B*07:96:01+B*18:12	
B*07:54+B*18:49	B*07:57+B*18:12	
B*07:54+B*35:27	B*07:57+B*35:10	B*07:75+B*35:69
B*07:54+B*35:56	B*07:57+B*35:13	
B*07:54+B*35:62	B*07:55+B*35:80	
B*07:54+B*35:74	B*07:92+B*35:13	
B*07:54+B*35:101:02	B*07:93+B*35:10	
B*07:54+B*35:137:01G	B*07:73+B*35:10	
B*07:54+B*39:04	B*07:86+B*39:22	
B*07:54+B*39:05:01	B*07:91+B*39:22	
B*07:54+B*39:27	B*07:92+B*39:22	
B*07:54+B*44:09	B*44:90+B*48:08	
B*07:54+B*45:01:01G	B*45:06+B*48:08	
B*07:54+B*51:76	B*07:93+B*52:06:02	
B*07:54+B*53:05	B*07:81+B*35:10	
B*07:54+B*53:16	B*07:81+B*35:80	
B*07:54+B*55:03	B*07:92+B*55:40	
B*07:54+B*55:31	B*07:91+B*55:40	
B*07:54+B*55:45	B*07:117+B*55:40	
B*07:55+B*53:16	B*07:81+B*35:62	
B*07:56+B*35:63	B*40:98+B*56:09	
B*07:56+B*52:16	B*48:08+B*56:21	
B*07:57+B*08:15	B*07:92+B*08:47	
B*07:57+B*08:18	B*07:102+B*08:47	
B*07:57+B*08:23	B*07:75+B*08:01:01G	B*07:91+B*08:47
B*07:57+B*08:39	B*07:93+B*08:47	
B*07:57+B*08:54	B*07:91+B*08:17	
B*07:57+B*08:64	B*07:113+B*08:47	
B*07:57+B*14:14	B*07:75+B*14:01:01	
B*07:57+B*14:18	B*07:75+B*14:02:01	
B*07:57+B*15:03:01G	B*07:75+B*15:61	
B*07:57+B*15:12:01G	B*07:64+B*15:135	
B*07:57+B*15:60	B*07:117+B*15:135	
B*07:57+B*15:128	B*07:96:01+B*15:135	
B*07:57+B*18:06	B*07:92+B*18:49	
B*07:57+B*18:20	B*07:96:01+B*18:49	
B*07:57+B*27:44	B*07:75+B*27:08	
B*07:57+B*35:74	B*07:92+B*35:56	
B*07:57+B*35:101:02	B*07:93+B*35:27	
B*07:57+B*35:137:01G	B*07:73+B*35:27	
B*07:57+B*38:01:01	B*07:75+B*38:14	
B*07:57+B*39:05:01	B*07:75+B*39:01:01G	
B*07:57+B*39:13:01	B*07:75+B*39:02:02	
B*07:57+B*39:37	B*07:75+B*39:03	
B*07:57+B*39:55	B*07:75+B*39:15	
B*07:57+B*40:01:01G	B*07:75+B*40:43	
B*07:57+B*40:57	B*07:71+B*40:37	
B*07:57+B*40:70	B*07:84+B*40:37	
B*07:57+B*40:89	B*07:96:01+B*40:37	
B*07:57+B*40:115	B*07:94+B*40:37	
B*07:57+B*51:08	B*07:75+B*51:20	
B*07:57+B*55:31	B*07:75+B*55:01:01G	
B*07:57+B*55:41	B*07:96:01+B*55:12	
B*07:57+B*78:02:02	B*07:75+B*78:01	
B*07:60+B*40:65	B*07:87+B*40:92	
B*07:60+B*40:73	B*07:92+B*40:92	
B*07:60+B*40:87	B*07:68:01+B*40:92	
B*07:64+B*15:60	B*07:117+B*15:12:01G	
B*07:64+B*15:87	B*07:81+B*15:12:01G	
B*07:64+B*15:128	B*07:96:01+B*15:12:01G	
B*07:65+B*35:49	B*07:72+B*35:42:02	
B*07:65+B*52:16	B*07:86+B*52:01:02	
B*07:68:01+B*08:01:13	B*07:68:02+B*08:01:02	
B*07:68:01+B*13:22:02	B*07:68:02+B*13:22:01	
B*07:68:01+B*15:05:02	B*07:68:02+B*15:05:01	
B*07:68:01+B*15:27:03	B*07:68:02+B*15:27:01	
B*07:68:01+B*15:38:02	B*07:68:02+B*15:38:01	
B*07:68:01+B*15:39:02	B*07:68:02+B*15:39:01	
B*07:68:01+B*35:03:01G	B*07:68:02+B*35:03:02	
B*07:68:01+B*35:11:01	B*07:68:02+B*35:11:02	
B*07:68:01+B*35:14:01	B*07:68:02+B*35:14:02	
B*07:68:01+B*38:01:01	B*07:68:02+B*38:01:03	
B*07:68:01+B*39:01:01G	B*07:68:02+B*39:01:05	
B*07:68:01+B*40:65	B*07:87+B*40:87	
B*07:68:01+B*40:73	B*07:92+B*40:87	
B*07:68:01+B*44:02:01G	B*07:68:02+B*44:02:09	
B*07:68:01+B*46:01:03	B*07:68:02+B*46:01:01G	
B*07:68:01+B*46:13:01	B*07:68:02+B*46:13:03	
B*07:68:01+B*46:21:02	B*07:68:02+B*46:21:01	
B*07:68:01+B*53:01:01	B*07:68:02+B*53:01:03	
B*07:68:01+B*53:08:01	B*07:68:02+B*53:08:02	
B*07:68:01+B*56:01:01G	B*07:68:02+B*56:01:03	
B*07:68:01+B*58:01:01G	B*07:68:02+B*58:01:05	
B*07:69+B*08:37	B*07:85+B*08:35	
B*07:69+B*15:63	B*07:85+B*15:30	
B*07:69+B*35:34	B*07:85+B*35:04:01	
B*07:69+B*35:39	B*07:85+B*35:12:01	
B*07:69+B*39:15	B*07:85+B*39:01:01G	
B*07:69+B*39:29	B*07:85+B*39:14	
B*07:69+B*39:49	B*07:85+B*39:13:01	B*39:01:09+B*48:08
B*07:69+B*39:55	B*07:85+B*39:05:01	
B*07:69+B*40:03	B*07:85+B*40:105	
B*07:69+B*40:09	B*07:85+B*40:89	
B*07:69+B*40:18	B*07:85+B*40:02:01G	
B*07:69+B*40:31	B*07:85+B*40:80	
B*07:69+B*40:32	B*07:85+B*40:16	

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B*07:69+B*40:33	B*07:85+B*40:01:01G	
B*07:69+B*40:44	B*07:85+B*40:06:01G	
B*07:69+B*40:52	B*07:85+B*40:38	
B*07:69+B*44:51	B*07:85+B*44:14	
B*07:69+B*44:107	B*07:85+B*44:77	
B*07:69+B*51:37	B*07:85+B*51:63	
B*07:69+B*51:92	B*07:85+B*51:13:01	
B*07:69+B*52:12	B*07:85+B*52:01:01G	
B*07:69+B*54:16	B*07:85+B*54:01:01G	
B*07:69+B*55:23	B*07:85+B*55:32	
B*07:69+B*55:46	B*07:85+B*55:02:01G	
B*07:71+B*40:70	B*07:84+B*40:57	
B*07:71+B*40:89	B*07:96:01+B*40:57	
B*07:71+B*40:115	B*07:94+B*40:57	
B*07:72+B*08:01:11	B*07:86+B*08:56	
B*07:72+B*08:50	B*07:86+B*08:26	
B*07:72+B*35:124	B*07:86+B*35:01:01G	
B*07:72+B*35:125	B*07:86+B*35:17	
B*07:72+B*35:142	B*07:86+B*35:08:01	
B*07:72+B*54:21	B*07:86+B*54:01:01G	
B*07:72+B*56:16	B*07:86+B*56:01:01G	
B*07:72+B*58:12	B*07:86+B*58:01:01G	
B*07:73+B*35:101:02	B*07:93+B*35:137:01G	
B*07:73+B*53:05	B*07:81+B*35:137:01G	
B*07:75+B*13:25	B*07:91+B*13:01:01G	
B*07:75+B*15:01:01G	B*07:91+B*15:135	
B*07:75+B*15:87	B*07:91+B*15:24	
B*07:75+B*18:01:01G	B*07:91+B*18:49	
B*07:75+B*35:01:01G	B*07:91+B*35:27	
B*07:75+B*35:03:01G	B*07:91+B*35:56	
B*07:75+B*40:02:01G	B*07:91+B*40:37	
B*07:75+B*44:109	B*07:91+B*44:03:01G	
B*07:75+B*52:09	B*07:91+B*52:01:02	
B*07:75+B*53:05	B*07:91+B*53:01:01	
B*07:75+B*53:12	B*07:91+B*53:13	
B*07:75+B*53:16	B*07:91+B*53:24	
B*07:75+B*55:02:01G	B*07:91+B*55:12	
B*07:75+B*78:05	B*07:91+B*78:06	
B*07:76+B*14:11	B*07:114+B*14:17	
B*07:76+B*14:18	B*07:91+B*14:17	
B*07:77+B*39:37	B*07:91+B*39:09	
B*07:78+B*15:63	B*07:84+B*15:73	
B*07:78+B*40:33	B*07:84+B*40:48	
B*07:78+B*51:90	B*07:84+B*51:106	
B*07:81+B*08:15	B*07:92+B*08:52	
B*07:81+B*08:18	B*07:102+B*08:52	
B*07:81+B*08:23	B*07:91+B*08:52	
B*07:81+B*08:39	B*07:93+B*08:52	
B*07:81+B*08:64	B*07:113+B*08:52	
B*07:81+B*15:57	B*07:92+B*15:24	
B*07:81+B*15:60	B*07:117+B*15:87	
B*07:81+B*15:128	B*07:96:01+B*15:87	
B*07:81+B*35:101:02	B*07:93+B*53:05	
B*07:81+B*40:53	B*07:86+B*40:109	
B*07:83+B*40:80	B*40:32+B*81:05	
B*07:83+B*48:01:01G	B*48:08+B*81:05	
B*07:84+B*40:89	B*07:96:01+B*40:70	
B*07:84+B*40:115	B*07:94+B*40:70	
B*07:85+B*08:54	B*08:65+B*48:08	
B*07:86+B*14:08	B*07:114+B*14:06:02	
B*07:86+B*14:14	B*07:91+B*14:11	B*07:114+B*14:18
B*07:86+B*38:01:01	B*07:114+B*38:05	
B*07:86+B*39:05:01	B*07:91+B*39:04	
B*07:86+B*39:27	B*07:92+B*39:04	
B*07:87+B*40:73	B*07:92+B*40:65	
B*07:90+B*39:49	B*07:91+B*39:23	
B*07:90+B*39:55	B*07:91+B*39:44	
B*07:91+B*08:15	B*07:92+B*08:23	
B*07:91+B*08:18	B*07:102+B*08:23	
B*07:91+B*08:39	B*07:93+B*08:23	
B*07:91+B*08:64	B*07:113+B*08:23	
B*07:91+B*39:27	B*07:92+B*39:05:01	
B*07:91+B*55:03	B*07:92+B*55:31	
B*07:91+B*55:45	B*07:117+B*55:31	
B*07:92+B*08:18	B*07:102+B*08:15	
B*07:92+B*08:39	B*07:93+B*08:15	
B*07:92+B*08:64	B*07:113+B*08:15	
B*07:92+B*18:20	B*07:96:01+B*18:06	
B*07:92+B*55:45	B*07:117+B*55:03	
B*07:93+B*08:18	B*07:102+B*08:39	
B*07:93+B*08:64	B*07:113+B*08:39	
B*07:94+B*40:89	B*07:96:01+B*40:115	
B*07:96:01+B*15:58	B*07:115+B*15:63	
B*07:96:01+B*15:60	B*07:117+B*15:128	
B*07:96:01+B*15:74	B*07:116+B*15:156	
B*07:96:01+B*35:06	B*07:115+B*35:34	
B*07:96:01+B*35:59	B*07:115+B*35:39	
B*07:96:01+B*39:03	B*07:115+B*39:29	
B*07:96:01+B*40:36	B*07:115+B*40:33	
B*07:96:01+B*40:86	B*07:115+B*40:44	
B*07:96:01+B*51:13:02	B*07:115+B*51:90	
B*07:100+B*40:21	B*15:63+B*81:01:01G	
B*07:102+B*08:64	B*07:113+B*08:18	
B*07:107+B*41:15	B*40:32+B*42:08	
B*08:01:01G+B*08:12:02	B*08:01:12+B*08:12:01	
B*08:01:01G+B*08:25	B*08:13+B*08:21	
B*08:01:01G+B*08:37	B*08:07+B*08:35	
B*08:01:01G+B*13:01:01G	B*08:47+B*13:25	
B*08:01:01G+B*13:02:01G	B*08:02+B*13:09	
B*08:01:01G+B*13:16	B*08:53+B*13:02:01G	
B*08:01:01G+B*13:20	B*08:53+B*13:01:01G	
B*08:01:01G+B*13:30	B*08:41+B*13:02:01G	
B*08:01:01G+B*14:06:01	B*08:12:01+B*14:05	
B*08:01:01G+B*14:06:02	B*08:12:03+B*14:05	
B*08:01:01G+B*14:14	B*08:23+B*14:01:01	

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B*08:01:01G+B*14:18	B*08:23+B*14:02:01			
B*08:01:01G+B*14:19	B*08:21+B*14:01:01			
B*08:01:01G+B*15:01:01G	B*08:04+B*15:56	B*08:12:01+B*15:07:01G	B*08:21+B*15:50	B*08:23+B*15:70
	B*08:35+B*15:63	B*08:37+B*15:30	B*08:50+B*15:142	
B*08:01:01G+B*15:01:14	B*08:12:03+B*15:07:01G			
B*08:01:01G+B*15:02:01	B*08:21+B*15:121			
B*08:01:01G+B*15:02:03	B*08:01:13+B*15:02:01			
B*08:01:01G+B*15:03:01G	B*08:23+B*15:61	B*08:53+B*15:123:01G		
B*08:01:01G+B*15:03:03	B*08:01:11+B*15:03:01G			
B*08:01:01G+B*15:04	B*08:09+B*15:07:01G			
B*08:01:01G+B*15:05:02	B*08:13+B*15:179			
B*08:01:01G+B*15:07:01G	B*08:35+B*15:45			
B*08:01:01G+B*15:10:02	B*08:01:11+B*15:10:01			
B*08:01:01G+B*15:11:01G	B*08:01:11+B*15:11:04			
B*08:01:01G+B*15:15	B*08:04+B*15:08			
B*08:01:01G+B*15:17:02	B*08:01:12+B*15:17:01G			
B*08:01:01G+B*15:18:01G	B*08:21+B*15:93	B*08:35+B*15:10:01	B*08:65+B*15:29	
B*08:01:01G+B*15:21	B*08:21+B*15:44			
B*08:01:01G+B*15:24	B*08:03+B*15:70	B*08:47+B*15:87	B*08:52+B*15:135	
B*08:01:01G+B*15:31	B*08:12:01+B*15:55			
B*08:01:01G+B*15:36	B*08:02+B*15:25:01G			
B*08:01:01G+B*15:39:01	B*08:25+B*15:199	B*08:53+B*15:05:01		
B*08:01:01G+B*15:39:02	B*08:53+B*15:05:02			
B*08:01:01G+B*15:57	B*08:15+B*15:135			
B*08:01:01G+B*15:63	B*08:07+B*15:30	B*08:12:01+B*15:45		
B*08:01:01G+B*15:64	B*08:04+B*15:29			
B*08:01:01G+B*15:66	B*08:65+B*15:56			
B*08:01:01G+B*15:78:02	B*08:01:13+B*15:78:01	B*08:37+B*15:150		
B*08:01:01G+B*15:80	B*08:60+B*15:18:01G			
B*08:01:01G+B*15:87	B*08:52+B*15:01:01G			
B*08:01:01G+B*15:89	B*08:02+B*15:02:01			
B*08:01:01G+B*15:128	B*08:28+B*15:30			
B*08:01:01G+B*15:131	B*08:53+B*15:91			
B*08:01:01G+B*15:135	B*08:17+B*15:08	B*08:47+B*15:01:01G		
B*08:01:01G+B*15:154	B*08:27+B*15:165	B*08:60+B*15:01:01G		
B*08:01:01G+B*15:203	B*08:48+B*15:01:01G			
B*08:01:01G+B*18:01:01G	B*08:04+B*18:07:01	B*08:12:01+B*18:14	B*08:23+B*18:03	B*08:37+B*18:26
B*08:01:01G+B*18:01:06	B*08:12:03+B*18:14			
B*08:01:01G+B*18:06	B*08:15+B*18:01:01G			
B*08:01:01G+B*18:09	B*08:02+B*18:01:01G			
B*08:01:01G+B*18:15	B*08:53+B*18:01:01G			
B*08:01:01G+B*18:20	B*08:28+B*18:26			
B*08:01:01G+B*18:30	B*08:53+B*18:13			
B*08:01:01G+B*18:33	B*08:65+B*18:07:01			
B*08:01:01G+B*18:36	B*08:21+B*18:01:01G			
B*08:01:01G+B*18:49	B*08:47+B*18:01:01G			
B*08:01:01G+B*27:01	B*08:02+B*27:44			
B*08:01:01G+B*27:04:01G	B*08:53+B*27:61			
B*08:01:01G+B*27:05:02G	B*08:14+B*27:27			
B*08:01:01G+B*27:10	B*08:53+B*27:05:02G			
B*08:01:01G+B*27:19	B*08:60+B*27:70			
B*08:01:01G+B*27:38	B*08:21+B*27:71			
B*08:01:01G+B*27:40	B*08:53+B*27:08			
B*08:01:01G+B*27:41	B*08:37+B*27:27			
B*08:01:01G+B*27:44	B*08:23+B*27:08			
B*08:01:01G+B*27:53	B*08:52+B*27:42			
B*08:01:01G+B*27:63	B*08:21+B*27:15			
B*08:01:01G+B*27:70	B*08:12:01+B*27:32			
B*08:01:01G+B*35:01:01G	B*08:01:08+B*35:01:15	B*08:12:03+B*35:30	B*08:13+B*35:115	B*08:21+B*35:93
	B*08:23+B*35:29	B*08:32+B*35:49	B*08:35+B*35:34	B*08:37+B*35:04:01
	B*08:60+B*35:68:01			
B*08:01:01G+B*35:01:04	B*08:12:01+B*35:30	B*08:60+B*35:68:02		
B*08:01:01G+B*35:01:10	B*08:37+B*35:04:02			
B*08:01:01G+B*35:01:17	B*08:37+B*35:04:03			
B*08:01:01G+B*35:01:18	B*08:01:09+B*35:01:01G			
B*08:01:01G+B*35:03:01G	B*08:07+B*35:06	B*08:13+B*35:38	B*08:23+B*35:136	
B*08:01:01G+B*35:03:03	B*08:01:04+B*35:03:01G			
B*08:01:01G+B*35:09:02	B*08:01:02+B*35:09:01			
B*08:01:01G+B*35:10	B*08:23+B*35:69	B*08:38+B*35:01:19		
B*08:01:01G+B*35:11:01	B*08:53+B*35:01:01G			
B*08:01:01G+B*35:14:01	B*08:53+B*35:62			
B*08:01:01G+B*35:20:01	B*08:04+B*35:01:01G			
B*08:01:01G+B*35:21	B*08:53+B*35:24:01			
B*08:01:01G+B*35:27	B*08:47+B*35:01:01G			
B*08:01:01G+B*35:28	B*08:04+B*35:10	B*08:54+B*35:29		
B*08:01:01G+B*35:30	B*08:60+B*35:05:01			
B*08:01:01G+B*35:34	B*08:07+B*35:04:01			
B*08:01:01G+B*35:37	B*08:09+B*35:05:01			
B*08:01:01G+B*35:39	B*08:07+B*35:12:01			
B*08:01:01G+B*35:43:01G	B*08:37+B*35:44	B*15:180+B*35:87		
B*08:01:01G+B*35:49	B*08:56+B*35:25			
B*08:01:01G+B*35:51	B*08:37+B*35:22			
B*08:01:01G+B*35:56	B*08:47+B*35:03:01G			
B*08:01:01G+B*35:58	B*08:53+B*35:05:01			
B*08:01:01G+B*35:64	B*08:37+B*35:09:02			
B*08:01:01G+B*35:68:01	B*08:12:03+B*35:05:01			
B*08:01:01G+B*35:68:02	B*08:12:01+B*35:05:01			
B*08:01:01G+B*35:72	B*08:04+B*35:05:01			
B*08:01:01G+B*35:74	B*08:15+B*35:03:01G			
B*08:01:01G+B*35:82	B*08:65+B*35:01:01G			
B*08:01:01G+B*35:85	B*08:65+B*35:03:01G			
B*08:01:01G+B*35:95	B*08:04+B*35:02:01			
B*08:01:01G+B*35:101:02	B*08:39+B*35:01:01G			
B*08:01:01G+B*35:108:01	B*08:59+B*35:01:01G			
B*08:01:01G+B*35:135	B*08:65+B*35:43:01G			
B*08:01:01G+B*35:146	B*08:37+B*35:02:01			
B*08:01:01G+B*37:01:01G	B*08:04+B*37:21			
B*08:01:01G+B*37:10	B*08:02+B*37:11			
B*08:01:01G+B*37:13	B*08:53+B*37:01:01G			
B*08:01:01G+B*38:01:01	B*08:03+B*39:01:01G	B*08:12:01+B*38:19	B*08:23+B*38:14	
B*08:01:01G+B*38:01:03	B*08:03+B*39:01:05			
B*08:01:01G+B*38:02:01G	B*08:02+B*39:05:01			
B*08:01:01G+B*38:19	B*08:03+B*39:03			
B*08:01:01G+B*38:20	B*08:03+B*39:42	B*08:60+B*38:01:01		
B*08:01:01G+B*39:01:01G	B*08:12:01+B*39:03	B*08:65+B*39:58		

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B*08:01:01G+B*39:05:01	B*08:12:01+B*39:37	B*08:23+B*39:01:01G		
B*08:01:01G+B*39:06:02	B*08:09+B*39:03			
B*08:01:01G+B*39:13:01	B*08:23+B*39:02:02			
B*08:01:01G+B*39:13:02	B*08:01:11+B*39:13:01			
B*08:01:01G+B*39:15	B*08:07+B*39:01:01G			
B*08:01:01G+B*39:19:01	B*08:32+B*39:01:09			
B*08:01:01G+B*39:27	B*08:15+B*39:01:01G			
B*08:01:01G+B*39:29	B*08:07+B*39:14			
B*08:01:01G+B*39:32	B*08:21+B*39:48			
B*08:01:01G+B*39:35	B*08:53+B*39:01:01G			
B*08:01:01G+B*39:37	B*08:23+B*39:03			
B*08:01:01G+B*39:39	B*08:04+B*39:58			
B*08:01:01G+B*39:42	B*08:60+B*39:01:01G			
B*08:01:01G+B*39:49	B*08:07+B*39:13:01			
B*08:01:01G+B*39:55	B*08:07+B*39:05:01	B*08:23+B*39:15		
B*08:01:01G+B*40:01:01G	B*08:01:13+B*40:01:14	B*08:04+B*40:07	B*08:12:01+B*40:80	B*08:23+B*40:43
B*08:01:01G+B*40:01:04	B*08:12:03+B*40:80			
B*08:01:01G+B*40:01:05	B*08:01:04+B*40:01:01G			
B*08:01:01G+B*40:02:01G	B*08:23+B*40:50			
B*08:01:01G+B*40:02:04	B*08:01:11+B*40:02:01G			
B*08:01:01G+B*40:03	B*08:07+B*40:105	B*08:35+B*40:18	B*08:37+B*40:02:01G	
B*08:01:01G+B*40:06:01G	B*08:09+B*40:02:01G			
B*08:01:01G+B*40:06:02	B*08:09+B*40:02:07			
B*08:01:01G+B*40:09	B*08:07+B*40:89			
B*08:01:01G+B*40:10:02	B*08:01:11+B*40:10:01			
B*08:01:01G+B*40:11:01	B*08:12:01+B*40:02:01G			
B*08:01:01G+B*40:11:02	B*08:12:01+B*40:02:09	B*08:12:03+B*40:02:01G		
B*08:01:01G+B*40:14:01	B*08:13+B*40:136			
B*08:01:01G+B*40:14:03	B*08:01:02+B*40:14:01	B*08:01:13+B*40:14:02		
B*08:01:01G+B*40:18	B*08:07+B*40:02:01G			
B*08:01:01G+B*40:19	B*08:03+B*40:50	B*08:04+B*40:13	B*08:52+B*40:37	
B*08:01:01G+B*40:20	B*08:12:01+B*40:03	B*08:37+B*40:11:01		
B*08:01:01G+B*40:25	B*08:04+B*40:106			
B*08:01:01G+B*40:31	B*08:07+B*40:80			
B*08:01:01G+B*40:32	B*08:07+B*40:16			
B*08:01:01G+B*40:33	B*08:07+B*40:01:01G	B*08:12:01+B*40:31		
B*08:01:01G+B*40:37	B*08:17+B*40:08	B*08:47+B*40:02:01G		
B*08:01:01G+B*40:38	B*08:35+B*40:01:01G			
B*08:01:01G+B*40:44	B*08:07+B*40:06:01G	B*08:09+B*40:18		
B*08:01:01G+B*40:47	B*08:02+B*40:01:01G			
B*08:01:01G+B*40:52	B*08:07+B*40:38	B*08:35+B*40:33	B*08:37+B*40:01:01G	
B*08:01:01G+B*40:64	B*08:60+B*40:11:02			
B*08:01:01G+B*40:72:02	B*08:01:02+B*40:72:01			
B*08:01:01G+B*40:73	B*08:15+B*40:01:01G			
B*08:01:01G+B*40:84	B*08:24+B*40:01:01G			
B*08:01:01G+B*40:96	B*08:02+B*40:06:01G	B*08:09+B*40:157		
B*08:01:01G+B*40:105	B*08:35+B*40:02:01G			
B*08:01:01G+B*40:109	B*08:52+B*40:06:01G			
B*08:01:01G+B*40:114	B*08:12:01+B*40:45			
B*08:01:01G+B*40:117	B*08:03+B*40:43			
B*08:01:01G+B*40:124:01	B*08:14+B*40:01:04			
B*08:01:01G+B*40:124:02	B*08:14+B*40:01:01G			
B*08:01:01G+B*40:135	B*08:36+B*40:01:01G			
B*08:01:01G+B*40:148	B*08:53+B*40:06:01G			
B*08:01:01G+B*40:157	B*08:02+B*40:02:01G			
B*08:01:01G+B*41:03:02	B*08:12:01+B*41:02:01			
B*08:01:01G+B*41:11	B*08:41+B*41:02:01			
B*08:01:01G+B*42:04	B*08:09+B*42:01:01			
B*08:01:01G+B*42:09	B*08:37+B*42:02			
B*08:01:01G+B*44:02:01G	B*08:02+B*44:09	B*08:50+B*44:49	B*08:60+B*44:41	
B*08:01:01G+B*44:03:01G	B*08:02+B*44:46	B*08:12:01+B*44:110	B*08:13+B*44:02:01G	B*08:47+B*44:109
	B*08:60+B*44:65			
B*08:01:01G+B*44:03:02	B*08:12:03+B*44:110	B*08:13+B*44:02:07		
B*08:01:01G+B*44:13	B*08:13+B*44:67			
B*08:01:01G+B*44:20	B*08:09+B*44:106			
B*08:01:01G+B*44:25	B*08:52+B*44:75			
B*08:01:01G+B*44:28:02	B*08:21+B*44:04			
B*08:01:01G+B*44:29	B*08:13+B*44:89	B*08:55+B*44:02:01G		
B*08:01:01G+B*44:37	B*08:13+B*44:91			
B*08:01:01G+B*44:40	B*08:13+B*44:44			
B*08:01:01G+B*44:41	B*08:12:01+B*44:106			
B*08:01:01G+B*44:43:01	B*08:13+B*44:17	B*08:35+B*44:107	B*08:37+B*44:77	
B*08:01:01G+B*44:45	B*08:13+B*44:51			
B*08:01:01G+B*44:46	B*08:13+B*44:09			
B*08:01:01G+B*44:47	B*08:09+B*44:54	B*08:13+B*44:20		
B*08:01:01G+B*44:50	B*08:13+B*44:95			
B*08:01:01G+B*44:51	B*08:07+B*44:14			
B*08:01:01G+B*44:54	B*08:13+B*44:106			
B*08:01:01G+B*44:55	B*08:62+B*44:49			
B*08:01:01G+B*44:57	B*08:13+B*44:08			
B*08:01:01G+B*44:64:02	B*08:13+B*44:16			
B*08:01:01G+B*44:65	B*08:12:01+B*44:54	B*08:13+B*44:41		
B*08:01:01G+B*44:68	B*08:64+B*44:02:01G			
B*08:01:01G+B*44:76	B*08:53+B*44:28:02			
B*08:01:01G+B*44:77	B*08:27+B*44:82			
B*08:01:01G+B*44:79	B*08:53+B*44:03:01G			
B*08:01:01G+B*44:105	B*08:13+B*44:22			
B*08:01:01G+B*44:107	B*08:07+B*44:77			
B*08:01:01G+B*44:110	B*08:60+B*44:54			
B*08:01:01G+B*45:04	B*08:21+B*45:08			
B*08:01:01G+B*46:01:01G	B*08:12:01+B*46:12	B*08:53+B*46:09		
B*08:01:01G+B*46:08	B*08:53+B*46:13:03			
B*08:01:01G+B*46:11	B*08:21+B*46:18			
B*08:01:01G+B*46:13:01	B*08:21+B*46:21:02			
B*08:01:01G+B*46:13:03	B*08:21+B*46:21:01			
B*08:01:01G+B*48:03:01	B*08:12:01+B*48:01:01G			
B*08:01:01G+B*48:03:02	B*08:12:03+B*48:01:01G			
B*08:01:01G+B*48:15	B*08:53+B*48:01:01G			
B*08:01:01G+B*48:18	B*08:52+B*48:01:01G			
B*08:01:01G+B*48:23	B*08:37+B*48:03:01			
B*08:01:01G+B*49:01:01	B*08:53+B*49:11			
B*08:01:01G+B*49:02	B*08:02+B*50:01:01			
B*08:01:01G+B*49:14	B*08:42+B*49:01:01			
B*08:01:01G+B*51:01:01G	B*08:03+B*78:01	B*08:09+B*51:64	B*08:21+B*51:21	B*08:50+B*51:68
	B*08:53+B*51:09:01			

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B*08:01:01G+B*51:01:02	B*08:53+B*51:09:02			
B*08:01:01G+B*51:01:09	B*08:01:13+B*51:01:02			
B*08:01:01G+B*51:02:01	B*08:25+B*51:36			
B*08:01:01G+B*51:06	B*08:12:01+B*51:64			
B*08:01:01G+B*51:07:01	B*08:04+B*51:01:01G			
B*08:01:01G+B*51:07:02	B*08:04+B*51:01:02			
B*08:01:01G+B*51:08	B*08:23+B*51:20			
B*08:01:01G+B*51:09:01	B*08:13+B*51:08			
B*08:01:01G+B*51:10	B*08:09+B*51:81			
B*08:01:01G+B*51:16	B*08:53+B*51:31			
B*08:01:01G+B*51:19	B*08:55+B*51:08			
B*08:01:01G+B*51:21	B*08:03+B*78:07			
B*08:01:01G+B*51:22	B*08:03+B*78:03	B*08:65+B*51:01:01G		
B*08:01:01G+B*51:24:02	B*08:01:02+B*51:24:01			
B*08:01:01G+B*51:37	B*08:07+B*51:63	B*08:35+B*51:90	B*08:37+B*51:01:01G	
B*08:01:01G+B*51:42	B*08:13+B*44:06			
B*08:01:01G+B*51:63	B*08:35+B*51:01:01G			
B*08:01:01G+B*51:76	B*08:39+B*51:01:01G			
B*08:01:01G+B*51:78	B*08:02+B*78:02:02			
B*08:01:01G+B*51:85	B*08:14+B*51:01:01G			
B*08:01:01G+B*51:90	B*08:07+B*51:01:01G			
B*08:01:01G+B*51:92	B*08:07+B*51:13:01			
B*08:01:01G+B*51:97	B*08:35+B*51:08			
B*08:01:01G+B*52:01:01G	B*08:52+B*78:06	B*08:53+B*52:10		
B*08:01:01G+B*52:01:02	B*08:04+B*52:06:02	B*08:47+B*52:09		
B*08:01:01G+B*52:01:04	B*08:01:04+B*52:01:02			
B*08:01:01G+B*52:06:02	B*08:38+B*51:01:03			
B*08:01:01G+B*52:10	B*08:13+B*52:19			
B*08:01:01G+B*52:12	B*08:07+B*52:01:01G			
B*08:01:01G+B*52:20	B*08:02+B*78:05			
B*08:01:01G+B*53:01:01	B*08:03+B*35:29	B*08:23+B*53:23	B*08:47+B*53:05	B*08:52+B*35:27
B*08:01:01G+B*53:04	B*08:03+B*35:136	B*08:52+B*35:56		
B*08:01:01G+B*53:05	B*08:52+B*35:01:01G			
B*08:01:01G+B*53:08:01	B*08:53+B*53:01:01			
B*08:01:01G+B*53:08:02	B*08:53+B*53:01:03			
B*08:01:01G+B*53:09	B*08:02+B*35:20:01	B*08:04+B*53:13		
B*08:01:01G+B*53:11	B*08:02+B*35:08:01			
B*08:01:01G+B*53:13	B*08:02+B*35:01:01G	B*08:47+B*53:12		
B*08:01:01G+B*53:16	B*08:52+B*35:08:01			
B*08:01:01G+B*53:24	B*08:47+B*53:16			
B*08:01:01G+B*54:03	B*08:21+B*54:01:01G			
B*08:01:01G+B*54:14	B*08:37+B*54:04			
B*08:01:01G+B*54:16	B*08:07+B*54:01:01G			
B*08:01:01G+B*54:20	B*08:53+B*54:10			
B*08:01:01G+B*55:01:01G	B*08:53+B*55:02:01G			
B*08:01:01G+B*55:03	B*08:15+B*55:01:01G			
B*08:01:01G+B*55:12	B*08:47+B*55:02:01G			
B*08:01:01G+B*55:23	B*08:07+B*55:32			
B*08:01:01G+B*55:24	B*08:53+B*55:22			
B*08:01:01G+B*55:31	B*08:23+B*55:01:01G			
B*08:01:01G+B*55:46	B*08:07+B*55:02:01G			
B*08:01:01G+B*56:01:01G	B*08:13+B*56:13	B*08:21+B*55:02:01G		
B*08:01:01G+B*56:02	B*08:21+B*56:10			
B*08:01:01G+B*56:07	B*08:02+B*56:01:01G			
B*08:01:01G+B*56:22	B*08:21+B*55:13			
B*08:01:01G+B*56:25	B*08:21+B*55:01:01G	B*08:53+B*56:01:01G		
B*08:01:01G+B*56:30	B*08:43+B*56:01:01G			
B*08:01:01G+B*57:01:01G	B*08:01:11+B*57:01:09	B*08:10+B*57:20	B*08:13+B*57:24	B*08:21+B*57:26
	B*08:37+B*57:03:01			
B*08:01:01G+B*57:01:07	B*08:01:13+B*57:01:01G			
B*08:01:01G+B*57:19	B*08:37+B*57:02:01			
B*08:01:01G+B*57:22	B*08:53+B*57:01:01G			
B*08:01:01G+B*57:32	B*08:14+B*57:03:01			
B*08:01:01G+B*58:06	B*08:53+B*58:02			
B*08:01:01G+B*58:16	B*08:12:01+B*58:18			
B*08:01:01G+B*58:19	B*08:53+B*58:01:01G			
B*08:01:01G+B*59:04	B*08:21+B*59:01			
B*08:01:01G+B*78:01	B*08:21+B*78:07			
B*08:01:01G+B*78:02:02	B*08:23+B*78:01			
B*08:01:01G+B*78:03	B*08:65+B*78:01			
B*08:01:01G+B*78:06	B*08:17+B*78:02:01	B*08:47+B*78:05		
B*08:01:02+B*13:22:02	B*08:01:13+B*13:22:01			
B*08:01:02+B*15:05:02	B*08:01:13+B*15:05:01			
B*08:01:02+B*15:27:03	B*08:01:13+B*15:27:01			
B*08:01:02+B*15:38:02	B*08:01:13+B*15:38:01			
B*08:01:02+B*15:39:02	B*08:01:13+B*15:39:01			
B*08:01:02+B*35:03:01G	B*08:01:13+B*35:03:02			
B*08:01:02+B*35:11:01	B*08:01:13+B*35:11:02			
B*08:01:02+B*35:14:01	B*08:01:13+B*35:14:02			
B*08:01:02+B*38:01:01	B*08:01:13+B*38:01:03			
B*08:01:02+B*39:01:01G	B*08:01:13+B*39:01:05			
B*08:01:02+B*44:02:01G	B*08:01:13+B*44:02:09			
B*08:01:02+B*44:76	B*08:20+B*44:02:09			
B*08:01:02+B*46:01:03	B*08:01:13+B*46:01:01G			
B*08:01:02+B*46:13:01	B*08:01:13+B*46:13:03			
B*08:01:02+B*46:21:02	B*08:01:13+B*46:21:01			
B*08:01:02+B*51:24:04	B*08:01:13+B*51:24:03			
B*08:01:02+B*53:01:01	B*08:01:13+B*53:01:03			
B*08:01:02+B*53:08:01	B*08:01:13+B*53:08:02			
B*08:01:02+B*56:01:01G	B*08:01:13+B*56:01:03			
B*08:01:02+B*58:01:01G	B*08:01:13+B*58:01:05			
B*08:01:04+B*35:56	B*08:47+B*35:03:03			
B*08:01:04+B*35:74	B*08:15+B*35:03:03			
B*08:01:04+B*35:85	B*08:65+B*35:03:03			
B*08:01:04+B*40:33	B*08:07+B*40:01:05			
B*08:01:04+B*40:38	B*08:35+B*40:01:05			
B*08:01:04+B*40:47	B*08:02+B*40:01:05			
B*08:01:04+B*40:52	B*08:37+B*40:01:05			
B*08:01:04+B*40:73	B*08:15+B*40:01:05			
B*08:01:04+B*40:84	B*08:24+B*40:01:05			
B*08:01:04+B*40:124:02	B*08:14+B*40:01:05			
B*08:01:04+B*40:135	B*08:36+B*40:01:05			
B*08:01:08+B*52:01:03	B*08:38+B*51:07:02			
B*08:01:08+B*52:06:01	B*08:38+B*51:01:01G			
B*08:01:09+B*35:11:01	B*08:53+B*35:01:18			

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B*08:01:09+B*35:20:01	B*08:04+B*35:01:18
B*08:01:09+B*35:27	B*08:47+B*35:01:18
B*08:01:09+B*35:82	B*08:65+B*35:01:18
B*08:01:09+B*35:101:02	B*08:39+B*35:01:18
B*08:01:09+B*35:108:01	B*08:59+B*35:01:18
B*08:01:09+B*53:05	B*08:52+B*35:01:18
B*08:01:09+B*53:13	B*08:02+B*35:01:18
B*08:01:11+B*08:26	B*08:50+B*08:56
B*08:01:11+B*15:18:01G	B*08:35+B*15:10:02
B*08:01:11+B*35:01:01G	B*08:56+B*35:124
B*08:01:11+B*35:08:01	B*08:56+B*35:142
B*08:01:11+B*35:17	B*08:56+B*35:125
B*08:01:11+B*39:49	B*08:07+B*39:13:02
B*08:01:11+B*40:03	B*08:37+B*40:02:04
B*08:01:11+B*40:06:01G	B*08:09+B*40:02:04
B*08:01:11+B*40:11:01	B*08:12:01+B*40:02:04
B*08:01:11+B*40:11:02	B*08:12:03+B*40:02:04
B*08:01:11+B*40:18	B*08:07+B*40:02:04
B*08:01:11+B*40:37	B*08:47+B*40:02:04
B*08:01:11+B*40:105	B*08:35+B*40:02:04
B*08:01:11+B*40:157	B*08:02+B*40:02:04
B*08:01:11+B*54:01:01G	B*08:56+B*54:21
B*08:01:11+B*56:01:01G	B*08:56+B*56:16
B*08:01:11+B*58:01:01G	B*08:56+B*58:12
B*08:01:12+B*14:06:01	B*08:12:02+B*14:05
B*08:01:12+B*15:01:01G	B*08:12:02+B*15:07:01G
B*08:01:12+B*15:31	B*08:12:02+B*15:55
B*08:01:12+B*15:63	B*08:12:02+B*15:45
B*08:01:12+B*18:01:01G	B*08:12:02+B*18:14
B*08:01:12+B*27:70	B*08:12:02+B*27:32
B*08:01:12+B*35:01:04	B*08:12:02+B*35:30
B*08:01:12+B*35:68:02	B*08:12:02+B*35:05:01
B*08:01:12+B*38:01:01	B*08:12:02+B*38:19
B*08:01:12+B*39:01:01G	B*08:12:02+B*39:03
B*08:01:12+B*39:05:01	B*08:12:02+B*39:37
B*08:01:12+B*40:01:01G	B*08:12:02+B*40:80
B*08:01:12+B*40:11:01	B*08:12:02+B*40:02:01G
B*08:01:12+B*40:11:02	B*08:12:02+B*40:02:09
B*08:01:12+B*40:20	B*08:12:02+B*40:03
B*08:01:12+B*40:33	B*08:12:02+B*40:31
B*08:01:12+B*40:114	B*08:12:02+B*40:45
B*08:01:12+B*41:03:02	B*08:12:02+B*41:02:01
B*08:01:12+B*44:03:01G	B*08:12:02+B*44:110
B*08:01:12+B*44:41	B*08:12:02+B*44:106
B*08:01:12+B*44:65	B*08:12:02+B*44:54
B*08:01:12+B*46:01:01G	B*08:12:02+B*46:12
B*08:01:12+B*48:03:01	B*08:12:02+B*48:01:01G
B*08:01:12+B*51:06	B*08:12:02+B*51:64
B*08:01:12+B*58:16	B*08:12:02+B*58:18
B*08:01:13+B*15:89	B*08:02+B*15:02:03
B*08:01:13+B*44:76	B*08:20+B*44:02:01G
B*08:01:13+B*51:07:02	B*08:04+B*51:01:09
B*08:01:13+B*51:29	B*08:20+B*51:08
B*08:01:13+B*57:22	B*08:53+B*57:01:07
B*08:02+B*13:39	B*08:47+B*13:01:01G
B*08:02+B*15:18:01G	B*08:47+B*15:115
B*08:02+B*18:06	B*08:15+B*18:09
B*08:02+B*18:15	B*08:53+B*18:09
B*08:02+B*18:36	B*08:21+B*18:09
B*08:02+B*18:49	B*08:47+B*18:09
B*08:02+B*35:11:01	B*08:53+B*53:13
B*08:02+B*35:27	B*08:47+B*53:13
B*08:02+B*35:28	B*08:17+B*53:12
B*08:02+B*35:82	B*08:65+B*53:13
B*08:02+B*35:101:02	B*08:39+B*53:13
B*08:02+B*35:108:01	B*08:59+B*53:13
B*08:02+B*39:02:01	B*08:47+B*38:03
B*08:02+B*39:55	B*08:07+B*38:02:01G
B*08:02+B*40:03	B*08:37+B*40:157
B*08:02+B*40:11:01	B*08:12:01+B*40:157
B*08:02+B*40:11:02	B*08:12:03+B*40:157
B*08:02+B*40:18	B*08:07+B*40:157
B*08:02+B*40:33	B*08:07+B*40:47
B*08:02+B*40:37	B*08:47+B*40:157
B*08:02+B*40:38	B*08:35+B*40:47
B*08:02+B*40:44	B*08:07+B*40:96
B*08:02+B*40:52	B*08:37+B*40:47
B*08:02+B*40:73	B*08:15+B*40:47
B*08:02+B*40:84	B*08:24+B*40:47
B*08:02+B*40:105	B*08:35+B*40:157
B*08:02+B*40:109	B*08:52+B*40:96
B*08:02+B*40:124:02	B*08:14+B*40:47
B*08:02+B*40:135	B*08:36+B*40:47
B*08:02+B*40:148	B*08:53+B*40:96
B*08:02+B*44:75	B*08:47+B*44:05:01
B*08:02+B*45:01:01G	B*08:47+B*44:15
B*08:02+B*53:05	B*08:52+B*53:13
B*08:02+B*53:16	B*08:52+B*53:11
B*08:02+B*56:25	B*08:53+B*56:07
B*08:02+B*56:30	B*08:43+B*56:07
B*08:02+B*78:06	B*08:47+B*52:20
B*08:03+B*15:01:01G	B*08:23+B*15:24
B*08:03+B*15:02:01	B*08:23+B*15:13
B*08:03+B*15:18:01G	B*08:23+B*15:23
B*08:03+B*18:03	B*08:52+B*18:49
B*08:03+B*27:08	B*08:23+B*27:02
B*08:03+B*35:01:01G	B*08:23+B*53:01:01
B*08:03+B*35:01:16	B*08:23+B*53:01:02
B*08:03+B*35:02:01	B*08:23+B*53:19
B*08:03+B*35:03:01G	B*08:23+B*53:04
B*08:03+B*35:05:01	B*08:23+B*53:14
B*08:03+B*35:08:01	B*08:23+B*53:24
B*08:03+B*35:11:01	B*08:23+B*53:08:01
B*08:03+B*35:11:02	B*08:23+B*53:08:02
B*08:03+B*35:24:01	B*08:23+B*53:02

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B*08:03+B*35:28	B*08:54+B*53:01:01	
B*08:03+B*39:05:01	B*08:23+B*38:01:01	
B*08:03+B*39:06:02	B*08:09+B*38:19	
B*08:03+B*39:10	B*08:52+B*39:20	
B*08:03+B*39:15	B*08:07+B*38:01:01	
B*08:03+B*39:19:01	B*08:65+B*38:06	
B*08:03+B*39:27	B*08:15+B*38:01:01	
B*08:03+B*39:35	B*08:53+B*38:01:01	
B*08:03+B*39:37	B*08:23+B*38:19	
B*08:03+B*40:01:01G	B*08:23+B*40:117	
B*08:03+B*40:02:01G	B*08:23+B*40:19	
B*08:03+B*44:09	B*08:23+B*44:95	
B*08:03+B*44:46	B*08:23+B*44:50	
B*08:03+B*45:01:01G	B*08:23+B*44:18	
B*08:03+B*50:01:01	B*08:23+B*49:01:01	
B*08:03+B*54:01:01G	B*08:23+B*54:12	
B*08:03+B*56:05:02	B*08:23+B*56:21	
B*08:03+B*57:12	B*08:23+B*57:02:01	
B*08:03+B*67:01:01	B*08:23+B*38:26	
B*08:03+B*78:02:01	B*08:23+B*51:01:02	
B*08:03+B*78:02:02	B*08:23+B*51:01:01G	
B*08:03+B*78:05	B*08:23+B*52:01:01G	B*08:54+B*51:01:02
B*08:04+B*15:18:01G	B*08:65+B*15:64	
B*08:04+B*15:21	B*08:65+B*15:02:01	
B*08:04+B*15:44	B*08:65+B*15:121	
B*08:04+B*15:66	B*08:65+B*15:01:01G	
B*08:04+B*15:135	B*08:17+B*15:15	
B*08:04+B*18:07:02	B*08:32+B*18:37	
B*08:04+B*18:12	B*08:54+B*18:03	
B*08:04+B*18:33	B*08:65+B*18:01:01G	
B*08:04+B*35:11:01	B*08:53+B*35:20:01	
B*08:04+B*35:13	B*08:54+B*35:136	
B*08:04+B*35:27	B*08:47+B*35:20:01	
B*08:04+B*35:30	B*08:60+B*35:72	
B*08:04+B*35:37	B*08:09+B*35:72	
B*08:04+B*35:58	B*08:53+B*35:72	
B*08:04+B*35:68:01	B*08:12:03+B*35:72	
B*08:04+B*35:68:02	B*08:12:01+B*35:72	
B*08:04+B*35:82	B*08:65+B*35:20:01	
B*08:04+B*35:101:02	B*08:39+B*35:20:01	
B*08:04+B*35:108:01	B*08:59+B*35:20:01	
B*08:04+B*35:146	B*08:37+B*35:95	
B*08:04+B*39:01:01G	B*08:65+B*39:39	
B*08:04+B*39:22	B*08:65+B*39:02:01	
B*08:04+B*40:75	B*08:65+B*40:06:01G	
B*08:04+B*51:22	B*08:65+B*51:07:01	
B*08:04+B*51:37	B*08:37+B*51:07:01	
B*08:04+B*51:63	B*08:35+B*51:07:01	
B*08:04+B*51:76	B*08:39+B*51:07:01	
B*08:04+B*51:85	B*08:14+B*51:07:01	
B*08:04+B*51:90	B*08:07+B*51:07:01	
B*08:04+B*53:05	B*08:52+B*35:20:01	
B*08:07+B*15:01:01G	B*08:37+B*15:63	
B*08:07+B*15:07:01G	B*08:37+B*15:45	
B*08:07+B*15:18:01G	B*08:37+B*15:10:01	
B*08:07+B*15:128	B*08:28+B*15:63	
B*08:07+B*35:01:01G	B*08:37+B*35:34	
B*08:07+B*39:27	B*08:15+B*39:15	
B*08:07+B*39:35	B*08:53+B*39:15	
B*08:07+B*39:42	B*08:60+B*39:15	
B*08:07+B*40:01:04	B*08:12:03+B*40:31	
B*08:07+B*40:03	B*08:37+B*40:18	
B*08:07+B*40:11:01	B*08:12:01+B*40:18	
B*08:07+B*40:11:02	B*08:12:03+B*40:18	
B*08:07+B*40:37	B*08:47+B*40:18	
B*08:07+B*40:52	B*08:37+B*40:33	
B*08:07+B*40:73	B*08:15+B*40:33	
B*08:07+B*40:84	B*08:24+B*40:33	
B*08:07+B*40:109	B*08:52+B*40:44	
B*08:07+B*40:124:02	B*08:14+B*40:33	
B*08:07+B*40:135	B*08:36+B*40:33	
B*08:07+B*40:148	B*08:53+B*40:44	
B*08:07+B*44:43:01	B*08:37+B*44:107	
B*08:07+B*51:22	B*08:65+B*51:90	
B*08:07+B*51:37	B*08:37+B*51:90	
B*08:07+B*51:76	B*08:39+B*51:90	
B*08:07+B*51:85	B*08:14+B*51:90	
B*08:07+B*51:97	B*08:37+B*51:08	
B*08:07+B*54:03	B*08:21+B*54:16	
B*08:07+B*55:01:01G	B*08:53+B*55:46	
B*08:07+B*55:12	B*08:47+B*55:46	
B*08:07+B*56:01:01G	B*08:21+B*55:46	
B*08:09+B*13:11	B*08:12:01+B*13:02:01G	
B*08:09+B*15:01:01G	B*08:12:01+B*15:04	
B*08:09+B*15:01:14	B*08:12:03+B*15:04	
B*08:09+B*15:05:01	B*08:12:01+B*15:155	
B*08:09+B*35:30	B*08:60+B*35:37	
B*08:09+B*35:58	B*08:53+B*35:37	
B*08:09+B*35:68:01	B*08:12:03+B*35:37	
B*08:09+B*35:68:02	B*08:12:01+B*35:37	
B*08:09+B*39:01:01G	B*08:12:01+B*39:06:02	B*08:12:03+B*39:06:01
B*08:09+B*39:30	B*08:12:01+B*39:34	
B*08:09+B*39:37	B*08:23+B*39:06:02	
B*08:09+B*39:47	B*08:12:01+B*39:50	
B*08:09+B*39:53	B*08:12:01+B*39:57	
B*08:09+B*40:03	B*08:35+B*40:44	B*08:37+B*40:06:01G
B*08:09+B*40:11:01	B*08:12:01+B*40:06:01G	
B*08:09+B*40:11:02	B*08:12:03+B*40:06:01G	
B*08:09+B*40:19	B*08:47+B*40:109	
B*08:09+B*40:37	B*08:47+B*40:06:01G	
B*08:09+B*40:105	B*08:35+B*40:06:01G	
B*08:09+B*44:41	B*08:12:01+B*44:20	
B*08:09+B*44:65	B*08:12:01+B*44:47	
B*08:09+B*44:110	B*08:60+B*44:47	
B*08:09+B*51:06	B*08:12:01+B*51:01:01G	B*08:12:03+B*51:01:16

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B*08:09+B*51:59	B*08:12:01+B*51:02:01	
B*08:09+B*56:02	B*08:12:01+B*56:01:01G	
B*08:09+B*56:04	B*08:12:01+B*56:27	
B*08:09+B*56:10	B*08:12:01+B*55:02:01G	B*08:12:03+B*55:02:04
B*08:12:01+B*14:06:02	B*08:12:03+B*14:06:01	
B*08:12:01+B*15:01:14	B*08:12:03+B*15:01:01G	
B*08:12:01+B*15:02:01	B*08:12:03+B*15:02:05	
B*08:12:01+B*15:11:03	B*08:12:03+B*15:11:01G	
B*08:12:01+B*15:17:02	B*08:12:02+B*15:17:01G	
B*08:12:01+B*15:18:02	B*08:12:03+B*15:18:01G	
B*08:12:01+B*15:25:01G	B*08:12:03+B*15:25:02	
B*08:12:01+B*15:27:01	B*08:12:03+B*15:27:02	
B*08:12:01+B*15:68	B*15:180+B*42:11	
B*08:12:01+B*18:01:06	B*08:12:03+B*18:01:01G	
B*08:12:01+B*35:01:01G	B*08:12:03+B*35:01:04	
B*08:12:01+B*35:08:01	B*08:12:03+B*35:08:03	
B*08:12:01+B*35:12:02	B*08:12:03+B*35:12:01	
B*08:12:01+B*35:17	B*08:60+B*35:32	
B*08:12:01+B*35:58	B*08:53+B*35:68:02	
B*08:12:01+B*35:68:01	B*08:12:03+B*35:68:02	
B*08:12:01+B*35:92	B*08:16+B*35:01:01G	
B*08:12:01+B*40:01:04	B*08:12:03+B*40:01:01G	
B*08:12:01+B*40:11:02	B*08:12:03+B*40:11:01	
B*08:12:01+B*40:37	B*08:47+B*40:11:01	
B*08:12:01+B*40:105	B*08:35+B*40:11:01	
B*08:12:01+B*40:124:01	B*08:12:03+B*40:124:02	
B*08:12:01+B*41:11	B*08:41+B*41:03:02	
B*08:12:01+B*44:02:07	B*08:12:03+B*44:02:01G	
B*08:12:01+B*44:03:02	B*08:12:03+B*44:03:01G	
B*08:12:01+B*44:28:01	B*08:12:03+B*44:28:02	
B*08:12:01+B*44:64:01	B*08:12:03+B*44:64:02	
B*08:12:01+B*48:03:02	B*08:12:03+B*48:03:01	
B*08:12:01+B*48:15	B*08:53+B*48:03:01	
B*08:12:01+B*48:18	B*08:52+B*48:03:01	
B*08:12:03+B*18:22	B*08:60+B*18:52	
B*08:12:03+B*35:58	B*08:53+B*35:68:01	
B*08:12:03+B*40:03	B*08:37+B*40:11:02	
B*08:12:03+B*40:37	B*08:47+B*40:11:02	
B*08:12:03+B*40:105	B*08:35+B*40:11:02	
B*08:12:03+B*48:15	B*08:53+B*48:03:02	
B*08:12:03+B*48:18	B*08:52+B*48:03:02	
B*08:13+B*14:19	B*08:25+B*14:01:01	
B*08:13+B*15:01:01G	B*08:25+B*15:50	
B*08:13+B*15:02:01	B*08:25+B*15:121	
B*08:13+B*15:18:01G	B*08:25+B*15:93	
B*08:13+B*15:21	B*08:25+B*15:44	
B*08:13+B*15:108	B*08:55+B*15:18:01G	
B*08:13+B*15:136	B*08:55+B*15:05:01	
B*08:13+B*18:36	B*08:25+B*18:01:01G	
B*08:13+B*27:38	B*08:25+B*27:71	
B*08:13+B*27:45	B*08:40+B*27:71	
B*08:13+B*27:63	B*08:25+B*27:15	
B*08:13+B*35:01:01G	B*08:25+B*35:93	
B*08:13+B*35:35	B*08:55+B*35:93	
B*08:13+B*39:01:01G	B*08:55+B*39:30	
B*08:13+B*39:06:02	B*08:55+B*39:34	
B*08:13+B*39:32	B*08:25+B*39:48	
B*08:13+B*44:28:02	B*08:25+B*44:04	
B*08:13+B*44:29	B*08:55+B*44:03:01G	
B*08:13+B*44:68	B*08:64+B*44:03:01G	
B*08:13+B*45:04	B*08:25+B*45:08	
B*08:13+B*46:11	B*08:25+B*46:18	
B*08:13+B*46:13:01	B*08:25+B*46:21:02	
B*08:13+B*46:13:03	B*08:25+B*46:21:01	
B*08:13+B*46:19	B*08:55+B*46:13:03	
B*08:13+B*51:01:01G	B*08:25+B*51:21	
B*08:13+B*51:19	B*08:55+B*51:09:01	
B*08:13+B*51:82	B*08:40+B*51:21	
B*08:13+B*51:97	B*08:35+B*51:09:01	
B*08:13+B*51:101	B*08:55+B*51:21	
B*08:13+B*54:03	B*08:25+B*54:01:01G	
B*08:13+B*55:09	B*08:40+B*55:01:01G	
B*08:13+B*56:01:01G	B*08:25+B*55:02:01G	
B*08:13+B*56:02	B*08:25+B*56:10	
B*08:13+B*56:22	B*08:25+B*55:13	
B*08:13+B*56:25	B*08:25+B*55:01:01G	
B*08:13+B*57:01:01G	B*08:25+B*57:26	
B*08:13+B*57:09	B*08:53+B*57:03:01	
B*08:13+B*59:04	B*08:25+B*59:01	
B*08:13+B*78:01	B*08:25+B*78:07	
B*08:14+B*27:41	B*08:37+B*27:05:02G	
B*08:14+B*40:38	B*08:35+B*40:124:02	
B*08:14+B*40:52	B*08:37+B*40:124:02	
B*08:14+B*40:73	B*08:15+B*40:124:02	
B*08:14+B*40:84	B*08:24+B*40:124:02	
B*08:14+B*40:135	B*08:36+B*40:124:02	
B*08:14+B*51:22	B*08:65+B*51:85	
B*08:14+B*51:37	B*08:37+B*51:85	
B*08:14+B*51:63	B*08:35+B*51:85	
B*08:14+B*51:76	B*08:39+B*51:85	
B*08:14+B*57:01:01G	B*08:37+B*57:32	
B*08:15+B*15:24	B*08:52+B*15:57	
B*08:15+B*18:15	B*08:53+B*18:06	
B*08:15+B*18:36	B*08:21+B*18:06	
B*08:15+B*18:49	B*08:47+B*18:06	
B*08:15+B*35:56	B*08:47+B*35:74	
B*08:15+B*35:85	B*08:65+B*35:74	
B*08:15+B*39:05:01	B*08:23+B*39:27	
B*08:15+B*39:35	B*08:53+B*39:27	
B*08:15+B*39:42	B*08:60+B*39:27	
B*08:15+B*40:38	B*08:35+B*40:73	
B*08:15+B*40:52	B*08:37+B*40:73	
B*08:15+B*40:84	B*08:24+B*40:73	
B*08:15+B*40:135	B*08:36+B*40:73	
B*08:15+B*55:31	B*08:23+B*55:03	

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B*08:15+B*56:25	B*08:21+B*55:03	
B*08:17+B*08:23	B*08:47+B*08:54	
B*08:17+B*15:29	B*08:47+B*15:03:01G	
B*08:17+B*18:07:01	B*08:47+B*18:12	
B*08:17+B*35:01:01G	B*08:47+B*35:28	
B*08:17+B*39:58	B*08:47+B*39:02:01	
B*08:17+B*40:68	B*08:47+B*40:04	
B*08:17+B*40:106	B*08:47+B*40:01:01G	
B*08:17+B*48:06	B*08:47+B*48:01:01G	
B*08:17+B*51:01:01G	B*08:47+B*52:01:02	
B*08:17+B*51:01:02	B*08:47+B*52:01:01G	
B*08:17+B*51:02:02	B*08:47+B*52:11	
B*08:17+B*51:09:02	B*08:47+B*52:10	
B*08:17+B*51:104	B*08:47+B*52:02	
B*08:17+B*53:05	B*08:54+B*53:23	
B*08:21+B*14:14	B*08:23+B*14:19	
B*08:21+B*15:05:02	B*08:25+B*15:179	
B*08:21+B*15:186	B*08:55+B*15:51	
B*08:21+B*18:15	B*08:53+B*18:36	
B*08:21+B*18:49	B*08:47+B*18:36	
B*08:21+B*35:01:01G	B*08:25+B*35:115	
B*08:21+B*35:03:01G	B*08:25+B*35:38	
B*08:21+B*35:35	B*08:55+B*35:115	
B*08:21+B*35:96	B*08:53+B*35:109	
B*08:21+B*40:14:01	B*08:25+B*40:136	
B*08:21+B*44:03:01G	B*08:25+B*44:02:01G	
B*08:21+B*44:03:02	B*08:25+B*44:02:07	
B*08:21+B*44:13	B*08:25+B*44:67	
B*08:21+B*44:29	B*08:25+B*44:89	
B*08:21+B*44:37	B*08:25+B*44:91	
B*08:21+B*44:40	B*08:25+B*44:44	
B*08:21+B*44:43:01	B*08:25+B*44:17	
B*08:21+B*44:45	B*08:25+B*44:51	
B*08:21+B*44:46	B*08:25+B*44:09	
B*08:21+B*44:47	B*08:25+B*44:20	
B*08:21+B*44:50	B*08:25+B*44:95	
B*08:21+B*44:54	B*08:25+B*44:106	
B*08:21+B*44:57	B*08:25+B*44:08	
B*08:21+B*44:64:02	B*08:25+B*44:16	
B*08:21+B*44:65	B*08:25+B*44:41	
B*08:21+B*44:105	B*08:25+B*44:22	
B*08:21+B*51:09:01	B*08:25+B*51:08	
B*08:21+B*51:42	B*08:25+B*44:06	
B*08:21+B*51:101	B*08:53+B*51:19	
B*08:21+B*52:10	B*08:25+B*52:19	
B*08:21+B*55:12	B*08:47+B*56:01:01G	
B*08:21+B*55:23	B*08:37+B*56:15	
B*08:21+B*55:28	B*08:53+B*56:15	
B*08:21+B*55:31	B*08:23+B*56:25	
B*08:21+B*55:32	B*08:35+B*56:15	
B*08:21+B*55:38	B*08:53+B*56:27	
B*08:21+B*56:01:01G	B*08:25+B*56:13	
B*08:21+B*56:23	B*08:23+B*56:17	
B*08:21+B*57:01:01G	B*08:25+B*57:24	
B*08:23+B*15:01:01G	B*08:54+B*15:08	
B*08:23+B*15:03:01G	B*08:54+B*15:29	
B*08:23+B*18:12	B*08:54+B*18:07:01	
B*08:23+B*27:40	B*08:53+B*27:44	
B*08:23+B*35:28	B*08:54+B*35:01:01G	
B*08:23+B*39:02:01	B*08:54+B*39:58	
B*08:23+B*39:35	B*08:53+B*39:05:01	
B*08:23+B*39:42	B*08:60+B*39:05:01	
B*08:23+B*40:01:01G	B*08:54+B*40:106	
B*08:23+B*40:02:01G	B*08:54+B*40:08	
B*08:23+B*40:04	B*08:54+B*40:68	
B*08:23+B*48:01:01G	B*08:54+B*48:06	
B*08:23+B*52:01:02	B*08:54+B*51:01:01G	
B*08:23+B*52:02	B*08:54+B*51:104	
B*08:23+B*52:10	B*08:54+B*51:09:02	
B*08:23+B*52:11	B*08:54+B*51:02:02	
B*08:23+B*78:03	B*08:65+B*78:02:02	
B*08:23+B*78:05	B*08:54+B*78:02:01	
B*08:24+B*40:38	B*08:35+B*40:84	
B*08:24+B*40:52	B*08:37+B*40:84	
B*08:24+B*40:135	B*08:36+B*40:84	
B*08:25+B*15:47	B*08:40+B*15:03:01G	
B*08:25+B*15:69	B*08:55+B*15:03:01G	
B*08:25+B*27:45	B*08:40+B*27:38	
B*08:25+B*35:35	B*08:55+B*35:01:01G	
B*08:25+B*40:128	B*08:40+B*40:63	
B*08:25+B*51:82	B*08:40+B*51:01:01G	
B*08:25+B*51:101	B*08:55+B*51:01:01G	
B*08:25+B*55:09	B*08:40+B*56:25	
B*08:26+B*35:124	B*08:50+B*35:01:01G	
B*08:26+B*35:125	B*08:50+B*35:17	
B*08:26+B*35:142	B*08:50+B*35:08:01	
B*08:26+B*54:21	B*08:50+B*54:01:01G	
B*08:26+B*56:16	B*08:50+B*56:01:01G	
B*08:26+B*58:12	B*08:50+B*58:01:01G	
B*08:27+B*35:03:01G	B*08:60+B*35:75	
B*08:27+B*58:01:01G	B*08:60+B*58:26	
B*08:28+B*15:01:01G	B*08:37+B*15:128	
B*08:28+B*15:03:01G	B*08:37+B*15:156	
B*08:28+B*15:195	B*08:37+B*15:06	
B*08:28+B*18:01:01G	B*08:37+B*18:20	
B*08:28+B*40:01:01G	B*08:35+B*40:42	
B*08:28+B*40:02:01G	B*08:35+B*40:09	B*08:37+B*40:89
B*08:28+B*40:18	B*08:37+B*40:09	
B*08:28+B*40:33	B*08:37+B*40:42	
B*08:28+B*44:14	B*08:35+B*44:02:01G	
B*08:28+B*44:45	B*08:37+B*44:03:01G	
B*08:28+B*44:51	B*08:37+B*44:02:01G	
B*08:28+B*55:02:01G	B*08:37+B*55:41	
B*08:35+B*35:03:01G	B*08:37+B*35:06	
B*08:35+B*35:39	B*08:37+B*35:12:01	

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B*08:35+B*39:15	B*08:37+B*39:01:01G			
B*08:35+B*39:29	B*08:37+B*39:14			
B*08:35+B*39:49	B*08:37+B*39:13:01			
B*08:35+B*39:55	B*08:37+B*39:05:01			
B*08:35+B*40:03	B*08:37+B*40:105			
B*08:35+B*40:31	B*08:37+B*40:80			
B*08:35+B*40:32	B*08:37+B*40:16			
B*08:35+B*40:37	B*08:47+B*40:105			
B*08:35+B*40:52	B*08:37+B*40:38			
B*08:35+B*40:135	B*08:36+B*40:38			
B*08:35+B*44:51	B*08:37+B*44:14			
B*08:35+B*51:19	B*08:55+B*51:97			
B*08:35+B*51:22	B*08:65+B*51:63			
B*08:35+B*51:37	B*08:37+B*51:63			
B*08:35+B*51:76	B*08:39+B*51:63			
B*08:35+B*51:92	B*08:37+B*51:13:01			
B*08:35+B*52:12	B*08:37+B*52:01:01G			
B*08:35+B*54:16	B*08:37+B*54:01:01G			
B*08:35+B*55:23	B*08:37+B*55:32			
B*08:35+B*55:28	B*08:53+B*55:32			
B*08:35+B*55:46	B*08:37+B*55:02:01G			
B*08:36+B*40:52	B*08:37+B*40:135			
B*08:37+B*15:48	B*08:55+B*15:179			
B*08:37+B*40:37	B*08:47+B*40:03			
B*08:37+B*51:22	B*08:65+B*51:37			
B*08:37+B*51:76	B*08:39+B*51:37			
B*08:37+B*55:28	B*08:53+B*55:23			
B*08:37+B*56:12	B*08:60+B*56:18			
B*08:37+B*57:09	B*08:53+B*57:24			
B*08:39+B*35:11:01	B*08:53+B*35:101:02			
B*08:39+B*35:27	B*08:47+B*35:101:02			
B*08:39+B*35:82	B*08:65+B*35:101:02			
B*08:39+B*35:108:01	B*08:59+B*35:101:02			
B*08:39+B*51:22	B*08:65+B*51:76			
B*08:39+B*53:05	B*08:52+B*35:101:02			
B*08:40+B*15:69	B*08:55+B*15:47			
B*08:40+B*51:101	B*08:55+B*51:82			
B*08:41+B*13:16	B*08:53+B*13:30			
B*08:43+B*56:25	B*08:53+B*56:30			
B*08:47+B*15:154	B*08:60+B*15:135			
B*08:47+B*15:203	B*08:48+B*15:135			
B*08:47+B*18:15	B*08:53+B*18:49			
B*08:47+B*35:11:01	B*08:53+B*35:27			
B*08:47+B*35:82	B*08:65+B*35:27			
B*08:47+B*35:85	B*08:65+B*35:56			
B*08:47+B*35:108:01	B*08:59+B*35:27			
B*08:47+B*55:01:01G	B*08:53+B*55:12			
B*08:48+B*15:87	B*08:52+B*15:203			
B*08:48+B*15:154	B*08:60+B*15:203			
B*08:50+B*13:23	B*08:62+B*13:01:01G			
B*08:50+B*15:204	B*08:62+B*15:25:01G			
B*08:50+B*18:01:01G	B*08:62+B*18:43			
B*08:50+B*27:05:02G	B*08:62+B*27:37			
B*08:50+B*39:31	B*08:62+B*39:01:01G			
B*08:50+B*40:01:01G	B*08:62+B*40:49			
B*08:50+B*40:02:01G	B*08:62+B*40:40			
B*08:50+B*42:02	B*08:62+B*42:01:01			
B*08:50+B*44:55	B*08:62+B*44:02:01G			
B*08:50+B*46:14	B*08:62+B*46:01:01G			
B*08:50+B*49:01:01	B*08:62+B*49:10			
B*08:50+B*55:16	B*08:62+B*55:02:01G			
B*08:52+B*15:154	B*08:60+B*15:87			
B*08:52+B*35:11:01	B*08:53+B*53:05			
B*08:52+B*35:82	B*08:65+B*53:05			
B*08:52+B*35:108:01	B*08:59+B*53:05			
B*08:52+B*40:148	B*08:53+B*40:109			
B*08:52+B*48:15	B*08:53+B*48:18			
B*08:53+B*35:30	B*08:60+B*35:58			
B*08:53+B*35:82	B*08:65+B*35:11:01			
B*08:53+B*35:108:01	B*08:59+B*35:11:01			
B*08:53+B*39:42	B*08:60+B*39:35			
B*08:54+B*39:01:09	B*08:65+B*39:13:01			
B*08:55+B*44:68	B*08:64+B*44:29			
B*08:59+B*35:82	B*08:65+B*35:108:01			
B*13:01:01G+B*13:16	B*13:02:01G+B*13:20			
B*13:01:01G+B*13:33	B*13:02:01G+B*13:17			
B*13:01:01G+B*15:01:01G	B*13:17+B*15:183	B*13:25+B*15:135		
B*13:01:01G+B*15:02:01	B*13:36+B*15:25:01G			
B*13:01:01G+B*15:02:05	B*13:36+B*15:25:02			
B*13:01:01G+B*15:03:01G	B*13:20+B*15:123:01G			
B*13:01:01G+B*15:08	B*13:36+B*15:56			
B*13:01:01G+B*15:11:01G	B*13:36+B*15:152			
B*13:01:01G+B*15:15	B*13:36+B*15:01:01G			
B*13:01:01G+B*15:18:01G	B*13:39+B*15:115			
B*13:01:01G+B*15:30	B*13:13+B*15:73			
B*13:01:01G+B*15:39:01	B*13:20+B*15:05:01			
B*13:01:01G+B*15:39:02	B*13:20+B*15:05:02			
B*13:01:01G+B*15:50	B*13:06+B*15:117			
B*13:01:01G+B*15:64	B*13:36+B*15:03:01G			
B*13:01:01G+B*15:76	B*13:36+B*15:101			
B*13:01:01G+B*15:87	B*13:25+B*15:24			
B*13:01:01G+B*15:89	B*13:36+B*15:36			
B*13:01:01G+B*15:131	B*13:20+B*15:91			
B*13:01:01G+B*15:188	B*13:21+B*15:86			
B*13:01:01G+B*15:204	B*13:23+B*15:25:01G			
B*13:01:01G+B*18:01:01G	B*13:06+B*18:50	B*13:23+B*18:43	B*13:25+B*18:49	B*13:36+B*18:12
B*13:01:01G+B*18:11	B*13:06+B*18:10			
B*13:01:01G+B*18:15	B*13:20+B*18:01:01G			
B*13:01:01G+B*18:30	B*13:20+B*18:13			
B*13:01:01G+B*18:49	B*13:39+B*18:09			
B*13:01:01G+B*27:04:01G	B*13:20+B*27:61			
B*13:01:01G+B*27:05:02G	B*13:23+B*27:37			
B*13:01:01G+B*27:10	B*13:20+B*27:05:02G			
B*13:01:01G+B*27:15	B*13:06+B*27:04:01G			
B*13:01:01G+B*27:40	B*13:20+B*27:08			

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B*13:01:01G+B*27:71	B*13:06+B*27:05:02G			
B*13:01:01G+B*35:01:01G	B*13:17+B*35:90	B*13:25+B*35:27	B*13:36+B*35:10	B*13:39+B*53:12
B*13:01:01G+B*35:03:01G	B*13:17+B*35:150	B*13:25+B*35:56	B*13:36+B*35:13	
B*13:01:01G+B*35:05:02	B*13:01:04+B*35:05:01			
B*13:01:01G+B*35:08:01	B*13:36+B*35:80			
B*13:01:01G+B*35:11:01	B*13:20+B*35:01:01G			
B*13:01:01G+B*35:14:01	B*13:20+B*35:62			
B*13:01:01G+B*35:17	B*13:36+B*35:16			
B*13:01:01G+B*35:20:01	B*13:36+B*35:28			
B*13:01:01G+B*35:21	B*13:20+B*35:24:01			
B*13:01:01G+B*35:27	B*13:39+B*53:13			
B*13:01:01G+B*35:29	B*13:36+B*35:69			
B*13:01:01G+B*35:37	B*13:02:01G+B*35:01:01G	B*13:02:06+B*35:01:17	B*13:09+B*53:13	B*13:33+B*35:90
B*13:01:01G+B*35:58	B*13:20+B*35:05:01			
B*13:01:01G+B*35:68:02	B*13:11+B*35:01:01G			
B*13:01:01G+B*35:93	B*13:06+B*35:15			
B*13:01:01G+B*35:151	B*13:11+B*35:03:01G			
B*13:01:01G+B*37:13	B*13:20+B*37:01:01G			
B*13:01:01G+B*38:01:02	B*13:01:03+B*38:01:01			
B*13:01:01G+B*38:02:03	B*13:36+B*38:04			
B*13:01:01G+B*39:01:01G	B*13:06+B*39:47	B*13:36+B*39:22		
B*13:01:01G+B*39:01:10	B*13:01:02+B*39:01:01G			
B*13:01:01G+B*39:02:01	B*13:39+B*38:03			
B*13:01:01G+B*39:06:01	B*13:02:01G+B*39:42			
B*13:01:01G+B*39:06:02	B*13:06+B*39:50			
B*13:01:01G+B*39:31	B*13:23+B*39:01:01G			
B*13:01:01G+B*39:35	B*13:20+B*39:01:01G			
B*13:01:01G+B*39:39	B*13:36+B*39:02:01			
B*13:01:01G+B*40:01:01G	B*13:13+B*40:48	B*13:23+B*40:49		
B*13:01:01G+B*40:02:01G	B*13:22:02+B*40:91	B*13:23+B*40:40	B*13:25+B*40:37	
B*13:01:01G+B*40:06:01G	B*13:02:01G+B*40:64			
B*13:01:01G+B*40:11:01	B*13:11+B*40:64			
B*13:01:01G+B*40:21	B*13:11+B*40:137			
B*13:01:01G+B*40:25	B*13:36+B*40:01:01G			
B*13:01:01G+B*40:37	B*13:39+B*40:157			
B*13:01:01G+B*40:39	B*13:06+B*40:02:01G			
B*13:01:01G+B*40:70	B*13:02:01G+B*40:04			
B*13:01:01G+B*40:106	B*13:36+B*40:07			
B*13:01:01G+B*40:148	B*13:16+B*40:64	B*13:20+B*40:06:01G		
B*13:01:01G+B*42:02	B*13:23+B*42:01:01			
B*13:01:01G+B*42:04	B*13:02:01G+B*42:13			
B*13:01:01G+B*44:12	B*13:36+B*44:02:01G			
B*13:01:01G+B*44:20	B*13:02:01G+B*44:02:07			
B*13:01:01G+B*44:34	B*13:17+B*44:02:10			
B*13:01:01G+B*44:41	B*13:11+B*44:02:07			
B*13:01:01G+B*44:46	B*13:39+B*44:109			
B*13:01:01G+B*44:47	B*13:02:01G+B*44:03:02			
B*13:01:01G+B*44:55	B*13:23+B*44:02:01G			
B*13:01:01G+B*44:65	B*13:11+B*44:03:02			
B*13:01:01G+B*44:75	B*13:39+B*44:05:01			
B*13:01:01G+B*44:76	B*13:20+B*44:28:02			
B*13:01:01G+B*44:79	B*13:20+B*44:03:01G			
B*13:01:01G+B*44:109	B*13:25+B*44:03:01G			
B*13:01:01G+B*45:01:01G	B*13:39+B*44:15			
B*13:01:01G+B*45:08	B*13:06+B*45:10			
B*13:01:01G+B*46:01:01G	B*13:17+B*46:10	B*13:20+B*46:09		
B*13:01:01G+B*46:08	B*13:20+B*46:13:03			
B*13:01:01G+B*46:14	B*13:23+B*46:01:01G			
B*13:01:01G+B*48:15	B*13:20+B*48:01:01G			
B*13:01:01G+B*49:01:01	B*13:20+B*49:11	B*13:23+B*49:10		
B*13:01:01G+B*51:01:01G	B*13:02:01G+B*51:04	B*13:13+B*51:106	B*13:20+B*51:09:01	B*13:36+B*52:06:02
B*13:01:01G+B*51:01:02	B*13:20+B*51:09:02			
B*13:01:01G+B*51:02:03	B*13:01:03+B*51:02:01			
B*13:01:01G+B*51:06	B*13:11+B*51:04			
B*13:01:01G+B*51:07:01	B*13:36+B*52:01:02			
B*13:01:01G+B*51:07:02	B*13:36+B*52:01:01G			
B*13:01:01G+B*51:16	B*13:20+B*51:31			
B*13:01:01G+B*51:21	B*13:06+B*51:16			
B*13:01:01G+B*51:29	B*13:18+B*51:04			
B*13:01:01G+B*51:57	B*13:14+B*51:04			
B*13:01:01G+B*52:01:01G	B*13:20+B*52:10			
B*13:01:01G+B*52:09	B*13:25+B*52:01:02			
B*13:01:01G+B*53:05	B*13:25+B*53:01:01			
B*13:01:01G+B*53:08:01	B*13:20+B*53:01:01			
B*13:01:01G+B*53:08:02	B*13:20+B*53:01:03			
B*13:01:01G+B*53:12	B*13:25+B*53:13			
B*13:01:01G+B*53:16	B*13:25+B*53:24			
B*13:01:01G+B*54:04	B*13:13+B*54:01:01G			
B*13:01:01G+B*54:20	B*13:20+B*54:10			
B*13:01:01G+B*55:01:01G	B*13:06+B*55:24	B*13:20+B*55:02:01G	B*13:36+B*55:40	
B*13:01:01G+B*55:02:01G	B*13:06+B*55:22	B*13:25+B*55:12		
B*13:01:01G+B*55:16	B*13:23+B*55:02:01G			
B*13:01:01G+B*55:17	B*13:13+B*55:38			
B*13:01:01G+B*55:24	B*13:20+B*55:22			
B*13:01:01G+B*55:28	B*13:13+B*55:01:01G			
B*13:01:01G+B*55:47	B*13:36+B*55:34			
B*13:01:01G+B*56:15	B*13:13+B*56:01:01G			
B*13:01:01G+B*56:25	B*13:20+B*56:01:01G			
B*13:01:01G+B*57:22	B*13:20+B*57:01:01G			
B*13:01:01G+B*57:26	B*13:06+B*57:25			
B*13:01:01G+B*58:06	B*13:20+B*58:02			
B*13:01:01G+B*58:16	B*13:11+B*58:01:01G			
B*13:01:01G+B*58:19	B*13:20+B*58:01:01G			
B*13:01:01G+B*78:05	B*13:25+B*78:06			
B*13:01:01G+B*78:06	B*13:39+B*52:20			
B*13:01:02+B*39:31	B*13:23+B*39:01:10			
B*13:01:02+B*39:35	B*13:20+B*39:01:10			
B*13:01:04+B*35:58	B*13:20+B*35:05:02			
B*13:02:01G+B*14:01:01	B*13:14+B*14:11			
B*13:02:01G+B*14:03	B*13:18+B*14:02:01			
B*13:02:01G+B*15:01:01G	B*13:11+B*15:04	B*13:31+B*15:05:01	B*13:33+B*15:183	
B*13:02:01G+B*15:02:01	B*13:09+B*15:89			
B*13:02:01G+B*15:03:01G	B*13:16+B*15:123:01G			
B*13:02:01G+B*15:04	B*13:31+B*15:155			
B*13:02:01G+B*15:05:01	B*13:11+B*15:155			

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B*13:02:01G+B*15:25:01G	B*13:09+B*15:36		
B*13:02:01G+B*15:27:01	B*13:27+B*15:01:14		
B*13:02:01G+B*15:27:02	B*13:27+B*15:01:01G		
B*13:02:01G+B*15:37	B*13:15+B*15:10:01		
B*13:02:01G+B*15:38:01	B*13:15+B*15:01:01G	B*13:31+B*15:185	
B*13:02:01G+B*15:39:01	B*13:16+B*15:05:01		
B*13:02:01G+B*15:39:02	B*13:16+B*15:05:02		
B*13:02:01G+B*15:54	B*13:31+B*15:123:01G		
B*13:02:01G+B*15:65	B*13:18+B*15:39:01		
B*13:02:01G+B*15:78:02	B*13:31+B*15:107		
B*13:02:01G+B*15:99	B*13:18+B*15:10:01		
B*13:02:01G+B*15:131	B*13:16+B*15:91		
B*13:02:01G+B*15:145	B*13:32+B*15:01:01G		
B*13:02:01G+B*15:176	B*13:32+B*15:18:01G		
B*13:02:01G+B*15:185	B*13:15+B*15:05:01		
B*13:02:01G+B*15:207	B*13:34+B*15:07:01G		
B*13:02:01G+B*18:01:01G	B*13:09+B*18:09	B*13:15+B*18:11	
B*13:02:01G+B*18:13	B*13:18+B*18:01:01G		
B*13:02:01G+B*18:15	B*13:16+B*18:01:01G		
B*13:02:01G+B*18:19	B*13:31+B*18:01:01G		
B*13:02:01G+B*18:30	B*13:16+B*18:13	B*13:18+B*18:15	
B*13:02:01G+B*18:31	B*13:32+B*18:01:01G		
B*13:02:01G+B*18:43	B*13:14+B*18:25		
B*13:02:01G+B*18:50	B*13:15+B*18:10		
B*13:02:01G+B*27:04:01G	B*13:16+B*27:61		
B*13:02:01G+B*27:05:06	B*13:02:03+B*27:05:02G		
B*13:02:01G+B*27:05:10	B*13:02:04+B*27:05:02G		
B*13:02:01G+B*27:10	B*13:16+B*27:05:02G		
B*13:02:01G+B*27:28	B*13:15+B*27:71		
B*13:02:01G+B*27:40	B*13:16+B*27:08		
B*13:02:01G+B*27:44	B*13:09+B*27:01		
B*13:02:01G+B*27:45	B*13:18+B*27:05:02G		
B*13:02:01G+B*35:03:01G	B*13:02:06+B*35:03:07	B*13:33+B*35:150	
B*13:02:01G+B*35:04:01	B*13:02:06+B*35:04:03		
B*13:02:01G+B*35:08:01	B*13:09+B*53:11	B*13:18+B*35:01:01G	
B*13:02:01G+B*35:08:03	B*13:18+B*35:01:04		
B*13:02:01G+B*35:11:01	B*13:16+B*35:01:01G	B*13:20+B*35:37	
B*13:02:01G+B*35:14:01	B*13:16+B*35:62	B*13:31+B*35:01:01G	
B*13:02:01G+B*35:18	B*13:18+B*35:09:02		
B*13:02:01G+B*35:20:01	B*13:09+B*53:09		
B*13:02:01G+B*35:21	B*13:15+B*35:11:01	B*13:16+B*35:24:01	
B*13:02:01G+B*35:23	B*13:27+B*35:01:01G		
B*13:02:01G+B*35:24:01	B*13:15+B*35:01:01G		
B*13:02:01G+B*35:45	B*13:18+B*35:71		
B*13:02:01G+B*35:58	B*13:16+B*35:05:01		
B*13:02:01G+B*35:68:02	B*13:11+B*35:37		
B*13:02:01G+B*35:80	B*13:18+B*35:10		
B*13:02:01G+B*35:81	B*13:15+B*35:02:01		
B*13:02:01G+B*35:93	B*13:26+B*35:60		
B*13:02:01G+B*35:109	B*13:15+B*35:03:01G		
B*13:02:01G+B*35:142	B*13:18+B*35:124		
B*13:02:01G+B*37:04:01	B*13:15+B*37:01:01G		
B*13:02:01G+B*37:11	B*13:09+B*37:10		
B*13:02:01G+B*37:13	B*13:16+B*37:01:01G		
B*13:02:01G+B*39:01:01G	B*13:11+B*39:06:02	B*13:14+B*39:04	
B*13:02:01G+B*39:05:01	B*13:09+B*38:02:01G		
B*13:02:01G+B*39:11	B*13:18+B*39:05:01		
B*13:02:01G+B*39:18	B*13:31+B*39:01:05		
B*13:02:01G+B*39:30	B*13:11+B*39:34		
B*13:02:01G+B*39:35	B*13:16+B*39:01:01G		
B*13:02:01G+B*39:36	B*13:31+B*39:30		
B*13:02:01G+B*39:47	B*13:11+B*39:50		
B*13:02:01G+B*39:48	B*13:15+B*39:01:01G		
B*13:02:01G+B*39:53	B*13:11+B*39:57		
B*13:02:01G+B*40:01:01G	B*13:09+B*40:47		
B*13:02:01G+B*40:01:10	B*13:02:03+B*40:01:01G		
B*13:02:01G+B*40:01:17	B*13:02:06+B*40:01:01G		
B*13:02:01G+B*40:02:01G	B*13:09+B*40:157		
B*13:02:01G+B*40:02:08	B*13:02:06+B*40:02:01G		
B*13:02:01G+B*40:02:11	B*13:02:03+B*40:02:01G		
B*13:02:01G+B*40:06:01G	B*13:09+B*40:96	B*13:14+B*40:53	
B*13:02:01G+B*40:11:01	B*13:11+B*40:06:01G		
B*13:02:01G+B*40:67	B*13:32+B*40:01:01G		
B*13:02:01G+B*40:74	B*13:14+B*40:01:01G		
B*13:02:01G+B*40:98	B*13:14+B*40:32		
B*13:02:01G+B*40:100	B*13:27+B*40:01:04		
B*13:02:01G+B*40:113	B*13:15+B*40:01:01G		
B*13:02:01G+B*40:128	B*13:18+B*40:01:01G		
B*13:02:01G+B*40:143	B*13:27+B*40:02:01G		
B*13:02:01G+B*40:148	B*13:16+B*40:06:01G		
B*13:02:01G+B*41:11	B*13:30+B*41:02:01		
B*13:02:01G+B*44:03:08	B*13:02:03+B*44:03:01G		
B*13:02:01G+B*44:09	B*13:09+B*44:02:01G		
B*13:02:01G+B*44:28:01	B*13:18+B*44:03:02		
B*13:02:01G+B*44:28:02	B*13:18+B*44:03:01G		
B*13:02:01G+B*44:34	B*13:33+B*44:02:10		
B*13:02:01G+B*44:41	B*13:11+B*44:20		
B*13:02:01G+B*44:46	B*13:09+B*44:03:01G		
B*13:02:01G+B*44:65	B*13:11+B*44:47		
B*13:02:01G+B*44:76	B*13:16+B*44:28:02	B*13:18+B*44:79	
B*13:02:01G+B*44:79	B*13:16+B*44:03:01G		
B*13:02:01G+B*46:01:01G	B*13:16+B*46:09	B*13:31+B*46:13:03	B*13:33+B*46:10
B*13:02:01G+B*46:01:03	B*13:31+B*46:13:01		
B*13:02:01G+B*46:08	B*13:16+B*46:13:03		
B*13:02:01G+B*47:06	B*13:32+B*47:01:01G		
B*13:02:01G+B*48:15	B*13:16+B*48:01:01G		
B*13:02:01G+B*49:01:01	B*13:16+B*49:11		
B*13:02:01G+B*49:09	B*13:15+B*49:01:01		
B*13:02:01G+B*50:01:01	B*13:09+B*49:02		
B*13:02:01G+B*51:01:01G	B*13:15+B*51:02:01	B*13:16+B*51:09:01	
B*13:02:01G+B*51:01:02	B*13:15+B*51:02:02	B*13:16+B*51:09:02	
B*13:02:01G+B*51:01:04	B*13:15+B*51:02:04		
B*13:02:01G+B*51:06	B*13:11+B*51:01:01G	B*13:15+B*51:59	
B*13:02:01G+B*51:16	B*13:15+B*51:34	B*13:16+B*51:31	
B*13:02:01G+B*51:29	B*13:18+B*51:01:01G		

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B*13:02:01G+B*51:57	B*13:14+B*51:01:01G	
B*13:02:01G+B*51:59	B*13:11+B*51:02:01	
B*13:02:01G+B*51:82	B*13:18+B*51:16	
B*13:02:01G+B*52:01:01G	B*13:15+B*52:11	B*13:16+B*52:10
B*13:02:01G+B*53:01:01	B*13:26+B*51:15	
B*13:02:01G+B*53:02	B*13:15+B*53:01:01	
B*13:02:01G+B*53:08:01	B*13:16+B*53:01:01	
B*13:02:01G+B*53:08:02	B*13:16+B*53:01:03	
B*13:02:01G+B*53:11	B*13:18+B*53:13	
B*13:02:01G+B*53:16	B*13:18+B*53:05	
B*13:02:01G+B*53:21	B*13:14+B*53:01:01	
B*13:02:01G+B*53:24	B*13:18+B*53:01:01	
B*13:02:01G+B*54:10	B*13:18+B*54:01:01G	
B*13:02:01G+B*54:20	B*13:16+B*54:10	
B*13:02:01G+B*55:01:01G	B*13:16+B*55:02:01G	
B*13:02:01G+B*55:09	B*13:18+B*55:24	
B*13:02:01G+B*55:21	B*13:31+B*55:02:01G	
B*13:02:01G+B*55:24	B*13:16+B*55:22	
B*13:02:01G+B*55:37	B*13:18+B*55:02:01G	
B*13:02:01G+B*56:01:01G	B*13:09+B*56:07	
B*13:02:01G+B*56:02	B*13:11+B*56:01:01G	
B*13:02:01G+B*56:04	B*13:11+B*56:27	
B*13:02:01G+B*56:09	B*13:26+B*56:01:01G	
B*13:02:01G+B*56:10	B*13:11+B*55:02:01G	
B*13:02:01G+B*56:25	B*13:16+B*56:01:01G	
B*13:02:01G+B*57:01:04	B*13:02:04+B*57:01:01G	
B*13:02:01G+B*57:02:01	B*13:18+B*57:03:01	
B*13:02:01G+B*57:10	B*13:14+B*57:01:01G	
B*13:02:01G+B*57:19	B*13:18+B*57:01:01G	
B*13:02:01G+B*57:22	B*13:16+B*57:01:01G	
B*13:02:01G+B*58:06	B*13:16+B*58:02	
B*13:02:01G+B*58:09	B*13:15+B*58:01:01G	
B*13:02:01G+B*58:19	B*13:16+B*58:01:01G	
B*13:02:01G+B*58:22	B*13:18+B*58:01:01G	
B*13:02:01G+B*78:02:02	B*13:09+B*51:78	
B*13:02:01G+B*78:05	B*13:09+B*52:20	
B*13:02:03+B*27:05:10	B*13:02:04+B*27:05:06	
B*13:02:03+B*27:10	B*13:16+B*27:05:06	
B*13:02:03+B*27:45	B*13:18+B*27:05:06	
B*13:02:03+B*40:01:17	B*13:02:06+B*40:01:10	
B*13:02:03+B*40:02:08	B*13:02:06+B*40:02:11	
B*13:02:03+B*40:67	B*13:32+B*40:01:10	
B*13:02:03+B*40:74	B*13:14+B*40:01:10	
B*13:02:03+B*40:113	B*13:15+B*40:01:10	
B*13:02:03+B*40:128	B*13:18+B*40:01:10	
B*13:02:03+B*40:143	B*13:27+B*40:02:11	
B*13:02:03+B*44:28:02	B*13:18+B*44:03:08	
B*13:02:03+B*44:46	B*13:09+B*44:03:08	
B*13:02:03+B*44:79	B*13:16+B*44:03:08	
B*13:02:04+B*27:10	B*13:16+B*27:05:10	
B*13:02:04+B*27:45	B*13:18+B*27:05:10	
B*13:02:04+B*57:10	B*13:14+B*57:01:04	
B*13:02:04+B*57:19	B*13:18+B*57:01:04	
B*13:02:04+B*57:22	B*13:16+B*57:01:04	
B*13:02:06+B*40:67	B*13:32+B*40:01:17	
B*13:02:06+B*40:74	B*13:14+B*40:01:17	
B*13:02:06+B*40:113	B*13:15+B*40:01:17	
B*13:02:06+B*40:128	B*13:18+B*40:01:17	
B*13:02:06+B*40:143	B*13:27+B*40:02:08	
B*13:03+B*35:15	B*13:22:02+B*35:37	
B*13:06+B*27:10	B*13:20+B*27:71	
B*13:06+B*55:09	B*13:20+B*55:37	
B*13:09+B*35:27	B*13:39+B*35:37	
B*13:09+B*44:28:02	B*13:18+B*44:46	
B*13:09+B*44:79	B*13:16+B*44:46	
B*13:09+B*51:54	B*13:18+B*78:04	
B*13:09+B*53:12	B*13:25+B*35:37	
B*13:10+B*15:62	B*13:26+B*15:156	
B*13:10+B*15:85	B*13:26+B*15:128	
B*13:11+B*15:02:01	B*13:20+B*15:31	
B*13:11+B*15:144	B*13:36+B*15:128	
B*13:11+B*35:11:01	B*13:20+B*35:68:02	
B*13:11+B*40:148	B*13:16+B*40:11:01	
B*13:11+B*51:29	B*13:18+B*51:06	
B*13:11+B*51:57	B*13:14+B*51:06	
B*13:11+B*55:01:01G	B*13:16+B*56:10	
B*13:11+B*55:21	B*13:31+B*56:10	
B*13:11+B*55:37	B*13:18+B*56:10	
B*13:11+B*56:09	B*13:26+B*56:02	
B*13:11+B*56:25	B*13:16+B*56:02	
B*13:11+B*58:19	B*13:20+B*58:16	
B*13:13+B*35:01:01G	B*13:26+B*35:04:03	
B*13:13+B*56:25	B*13:20+B*56:15	
B*13:13+B*58:01:01G	B*13:26+B*58:28	
B*13:14+B*40:67	B*13:32+B*40:74	
B*13:14+B*40:113	B*13:15+B*40:74	
B*13:14+B*40:128	B*13:18+B*40:74	
B*13:14+B*51:29	B*13:18+B*51:57	
B*13:14+B*53:02	B*13:15+B*53:21	
B*13:14+B*53:08:01	B*13:16+B*53:21	
B*13:14+B*53:24	B*13:18+B*53:21	
B*13:14+B*57:19	B*13:18+B*57:10	
B*13:14+B*57:22	B*13:16+B*57:10	
B*13:15+B*15:27:02	B*13:27+B*15:38:01	
B*13:15+B*15:39:01	B*13:16+B*15:185	
B*13:15+B*15:99	B*13:18+B*15:37	
B*13:15+B*15:145	B*13:32+B*15:38:01	
B*13:15+B*35:08:01	B*13:18+B*35:24:01	
B*13:15+B*35:14:01	B*13:31+B*35:24:01	
B*13:15+B*35:23	B*13:27+B*35:24:01	
B*13:15+B*37:13	B*13:16+B*37:04:01	
B*13:15+B*39:35	B*13:16+B*39:48	
B*13:15+B*40:67	B*13:32+B*40:113	
B*13:15+B*40:128	B*13:18+B*40:113	
B*13:15+B*51:05	B*13:18+B*51:09:02	

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B*13:15+B*53:08:01	B*13:16+B*53:02	
B*13:15+B*53:24	B*13:18+B*53:02	
B*13:15+B*58:19	B*13:16+B*58:09	
B*13:15+B*58:22	B*13:18+B*58:09	
B*13:16+B*13:17	B*13:20+B*13:33	
B*13:16+B*15:01:01G	B*13:31+B*15:39:01	
B*13:16+B*15:27:01	B*13:31+B*15:195	
B*13:16+B*15:54	B*13:31+B*15:03:01G	
B*13:16+B*15:84	B*13:18+B*15:195	
B*13:16+B*15:117	B*13:31+B*15:40	
B*13:16+B*15:144	B*13:31+B*15:02:01	
B*13:16+B*18:19	B*13:31+B*18:15	
B*13:16+B*18:31	B*13:32+B*18:15	
B*13:16+B*27:25	B*13:31+B*27:63	
B*13:16+B*27:45	B*13:18+B*27:10	
B*13:16+B*35:08:01	B*13:18+B*35:11:01	
B*13:16+B*35:14:01	B*13:31+B*35:11:01	
B*13:16+B*35:14:02	B*13:31+B*35:11:02	
B*13:16+B*35:23	B*13:27+B*35:11:01	
B*13:16+B*39:42	B*13:20+B*39:06:01	
B*13:16+B*40:04	B*13:20+B*40:70	
B*13:16+B*42:13	B*13:20+B*42:04	
B*13:16+B*44:02:07	B*13:20+B*44:20	
B*13:16+B*44:03:02	B*13:20+B*44:47	
B*13:16+B*46:01:01G	B*13:31+B*46:08	
B*13:16+B*48:19	B*13:31+B*48:01:01G	
B*13:16+B*51:04	B*13:20+B*51:01:01G	
B*13:16+B*51:05	B*13:18+B*51:02:02	
B*13:16+B*52:21	B*13:31+B*52:01:02	
B*13:16+B*53:24	B*13:18+B*53:08:01	
B*13:16+B*55:21	B*13:31+B*55:01:01G	
B*13:16+B*55:37	B*13:18+B*55:01:01G	
B*13:16+B*56:09	B*13:26+B*56:25	
B*13:16+B*57:19	B*13:18+B*57:22	
B*13:16+B*58:22	B*13:18+B*58:19	
B*13:17+B*35:37	B*13:33+B*35:01:01G	
B*13:17+B*39:06:01	B*13:33+B*39:42	
B*13:17+B*40:06:01G	B*13:33+B*40:64	
B*13:17+B*40:70	B*13:33+B*40:04	
B*13:17+B*42:04	B*13:33+B*42:13	
B*13:17+B*44:20	B*13:33+B*44:02:07	
B*13:17+B*44:47	B*13:33+B*44:03:02	
B*13:17+B*51:01:01G	B*13:33+B*51:04	
B*13:18+B*15:27:01	B*13:31+B*15:84	
B*13:18+B*18:19	B*13:31+B*18:13	
B*13:18+B*18:31	B*13:32+B*18:13	
B*13:18+B*35:14:01	B*13:31+B*35:08:01	
B*13:18+B*35:23	B*13:27+B*35:08:01	
B*13:18+B*40:67	B*13:32+B*40:128	
B*13:18+B*55:21	B*13:31+B*55:37	
B*13:20+B*39:31	B*13:23+B*39:35	
B*13:20+B*44:109	B*13:25+B*44:79	
B*13:20+B*53:05	B*13:25+B*53:08:01	
B*13:20+B*55:16	B*13:23+B*55:01:01G	
B*13:22:01+B*15:05:02	B*13:22:02+B*15:05:01	
B*13:22:01+B*15:27:03	B*13:22:02+B*15:27:01	
B*13:22:01+B*15:38:02	B*13:22:02+B*15:38:01	
B*13:22:01+B*15:39:02	B*13:22:02+B*15:39:01	
B*13:22:01+B*35:03:01G	B*13:22:02+B*35:03:02	
B*13:22:01+B*35:11:01	B*13:22:02+B*35:11:02	
B*13:22:01+B*35:14:01	B*13:22:02+B*35:14:02	
B*13:22:01+B*38:01:01	B*13:22:02+B*38:01:03	
B*13:22:01+B*39:01:01G	B*13:22:02+B*39:01:05	
B*13:22:01+B*40:14:01	B*13:22:02+B*40:14:02	
B*13:22:01+B*44:02:01G	B*13:22:02+B*44:02:09	
B*13:22:01+B*46:01:03	B*13:22:02+B*46:01:01G	
B*13:22:01+B*46:13:01	B*13:22:02+B*46:13:03	
B*13:22:01+B*46:21:02	B*13:22:02+B*46:21:01	
B*13:22:01+B*51:24:04	B*13:22:02+B*51:24:03	
B*13:22:01+B*53:01:01	B*13:22:02+B*53:01:03	
B*13:22:01+B*53:08:01	B*13:22:02+B*53:08:02	
B*13:22:01+B*56:01:01G	B*13:22:02+B*56:01:03	
B*13:22:01+B*58:01:01G	B*13:22:02+B*58:01:05	
B*13:23+B*15:02:01	B*13:36+B*15:204	
B*13:23+B*44:12	B*13:36+B*44:55	
B*13:25+B*51:07:01	B*13:36+B*52:09	
B*13:27+B*15:145	B*13:32+B*15:27:02	
B*13:27+B*35:14:01	B*13:31+B*35:23	
B*13:31+B*18:31	B*13:32+B*18:19	
B*14:01:01+B*14:06:02	B*14:02:01+B*14:08	
B*14:01:01+B*14:18	B*14:02:01+B*14:14	
B*14:01:01+B*15:01:01G	B*14:14+B*15:70	B*14:19+B*15:50
B*14:01:01+B*15:02:01	B*14:19+B*15:121	
B*14:01:01+B*15:03:01G	B*14:14+B*15:61	
B*14:01:01+B*15:18:01G	B*14:19+B*15:93	
B*14:01:01+B*15:21	B*14:19+B*15:44	
B*14:01:01+B*18:01:01G	B*14:08+B*18:44	B*14:14+B*18:03
B*14:01:01+B*18:25	B*14:11+B*18:43	
B*14:01:01+B*18:36	B*14:19+B*18:01:01G	
B*14:01:01+B*27:38	B*14:19+B*27:71	
B*14:01:01+B*27:44	B*14:14+B*27:08	
B*14:01:01+B*27:63	B*14:19+B*27:15	
B*14:01:01+B*35:01:01G	B*14:14+B*35:29	B*14:19+B*35:93
B*14:01:01+B*35:03:01G	B*14:14+B*35:136	
B*14:01:01+B*35:10	B*14:14+B*35:69	
B*14:01:01+B*38:01:01	B*14:14+B*38:14	
B*14:01:01+B*38:05	B*14:02:01+B*38:01:01	B*14:18+B*38:14
B*14:01:01+B*39:04	B*14:11+B*39:01:01G	
B*14:01:01+B*39:05:01	B*14:14+B*39:01:01G	
B*14:01:01+B*39:13:01	B*14:14+B*39:02:02	
B*14:01:01+B*39:32	B*14:19+B*39:48	
B*14:01:01+B*39:37	B*14:14+B*39:03	
B*14:01:01+B*39:40N	B*14:07N+B*39:01:01G	
B*14:01:01+B*39:55	B*14:14+B*39:15	
B*14:01:01+B*40:01:01G	B*14:11+B*40:74	B*14:14+B*40:43

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B*14:01:01+B*40:02:01G	B*14:14+B*40:50	
B*14:01:01+B*40:32	B*14:11+B*40:98	
B*14:01:01+B*40:53	B*14:11+B*40:06:01G	
B*14:01:01+B*41:02:03	B*14:01:02+B*41:02:01	
B*14:01:01+B*44:28:02	B*14:19+B*44:04	
B*14:01:01+B*45:04	B*14:19+B*45:08	
B*14:01:01+B*46:07N	B*14:07N+B*46:01:01G	
B*14:01:01+B*46:11	B*14:19+B*46:18	
B*14:01:01+B*46:13:01	B*14:19+B*46:21:02	
B*14:01:01+B*46:13:03	B*14:19+B*46:21:01	
B*14:01:01+B*51:01:01G	B*14:11+B*51:57	B*14:19+B*51:21
B*14:01:01+B*51:08	B*14:14+B*51:20	
B*14:01:01+B*53:01:01	B*14:11+B*53:21	B*14:14+B*53:23
B*14:01:01+B*54:03	B*14:19+B*54:01:01G	
B*14:01:01+B*55:31	B*14:14+B*55:01:01G	
B*14:01:01+B*56:01:01G	B*14:19+B*55:02:01G	
B*14:01:01+B*56:02	B*14:19+B*56:10	
B*14:01:01+B*56:19N	B*14:07N+B*56:01:01G	
B*14:01:01+B*56:22	B*14:19+B*55:13	
B*14:01:01+B*56:25	B*14:19+B*55:01:01G	
B*14:01:01+B*57:01:01G	B*14:11+B*57:10	B*14:19+B*57:26
B*14:01:01+B*59:04	B*14:19+B*59:01	
B*14:01:01+B*78:01	B*14:19+B*78:07	
B*14:01:01+B*78:02:02	B*14:14+B*78:01	
B*14:02:01+B*15:01:01G	B*14:11+B*15:125	B*14:18+B*15:70
B*14:02:01+B*15:03:01G	B*14:18+B*15:61	
B*14:02:01+B*15:65	B*14:03+B*15:39:01	
B*14:02:01+B*15:99	B*14:03+B*15:10:01	
B*14:02:01+B*18:01:01G	B*14:06:02+B*18:44	B*14:18+B*18:03
B*14:02:01+B*18:13	B*14:03+B*18:01:01G	
B*14:02:01+B*18:30	B*14:03+B*18:15	
B*14:02:01+B*27:44	B*14:18+B*27:08	
B*14:02:01+B*27:45	B*14:03+B*27:05:02G	
B*14:02:01+B*35:01:01G	B*14:11+B*35:54	B*14:18+B*35:29
B*14:02:01+B*35:03:01G	B*14:18+B*35:136	
B*14:02:01+B*35:08:01	B*14:03+B*35:01:01G	
B*14:02:01+B*35:08:03	B*14:03+B*35:01:04	
B*14:02:01+B*35:10	B*14:18+B*35:69	
B*14:02:01+B*35:18	B*14:03+B*35:09:02	
B*14:02:01+B*35:45	B*14:03+B*35:71	
B*14:02:01+B*35:80	B*14:03+B*35:10	
B*14:02:01+B*35:142	B*14:03+B*35:124	
B*14:02:01+B*38:02:03	B*14:02:03+B*38:02:01G	
B*14:02:01+B*39:01:09	B*14:02:03+B*39:01:01G	
B*14:02:01+B*39:02:02	B*14:02:03+B*39:02:01	
B*14:02:01+B*39:05:01	B*14:18+B*39:01:01G	
B*14:02:01+B*39:11	B*14:03+B*39:05:01	
B*14:02:01+B*39:13:01	B*14:18+B*39:02:02	
B*14:02:01+B*39:37	B*14:18+B*39:03	
B*14:02:01+B*39:55	B*14:18+B*39:15	
B*14:02:01+B*40:01:01G	B*14:18+B*40:43	
B*14:02:01+B*40:02:01G	B*14:18+B*40:50	
B*14:02:01+B*40:128	B*14:03+B*40:01:01G	
B*14:02:01+B*44:02:01G	B*14:11+B*44:22	
B*14:02:01+B*44:03:01G	B*14:11+B*44:105	
B*14:02:01+B*44:28:01	B*14:03+B*44:03:02	
B*14:02:01+B*44:28:02	B*14:03+B*44:03:01G	
B*14:02:01+B*44:76	B*14:03+B*44:79	
B*14:02:01+B*46:01:01G	B*14:11+B*46:05	
B*14:02:01+B*51:08	B*14:18+B*51:20	
B*14:02:01+B*51:29	B*14:03+B*51:01:01G	
B*14:02:01+B*51:82	B*14:03+B*51:16	
B*14:02:01+B*53:01:01	B*14:18+B*53:23	
B*14:02:01+B*53:11	B*14:03+B*53:13	
B*14:02:01+B*53:16	B*14:03+B*53:05	
B*14:02:01+B*53:24	B*14:03+B*53:01:01	
B*14:02:01+B*54:10	B*14:03+B*54:01:01G	
B*14:02:01+B*55:09	B*14:03+B*55:24	
B*14:02:01+B*55:31	B*14:18+B*55:01:01G	
B*14:02:01+B*55:37	B*14:03+B*55:02:01G	
B*14:02:01+B*57:02:01	B*14:03+B*57:03:01	
B*14:02:01+B*57:19	B*14:03+B*57:01:01G	
B*14:02:01+B*58:16	B*14:06:01+B*58:02	
B*14:02:01+B*58:18	B*14:05+B*58:02	
B*14:02:01+B*58:22	B*14:03+B*58:01:01G	
B*14:02:01+B*67:01:02	B*14:02:03+B*67:01:01	
B*14:02:01+B*78:02:02	B*14:18+B*78:01	
B*14:02:03+B*15:02:01	B*14:02:06+B*15:02:02	
B*14:02:03+B*35:01:01G	B*14:02:06+B*35:01:08	
B*14:02:03+B*35:01:19	B*14:02:06+B*35:01:15	
B*14:02:03+B*39:05:01	B*14:18+B*39:01:09	
B*14:02:03+B*39:08	B*14:03+B*39:13:01	
B*14:02:03+B*52:01:01G	B*14:02:06+B*52:01:03	
B*14:02:03+B*52:06:02	B*14:02:06+B*52:06:01	
B*14:05+B*15:01:01G	B*14:06:01+B*15:07:01G	
B*14:05+B*15:01:14	B*14:06:02+B*15:07:01G	
B*14:05+B*15:31	B*14:06:01+B*15:55	
B*14:05+B*15:63	B*14:06:01+B*15:45	
B*14:05+B*18:01:01G	B*14:06:01+B*18:14	
B*14:05+B*18:01:06	B*14:06:02+B*18:14	
B*14:05+B*27:27	B*14:13+B*27:35	
B*14:05+B*27:70	B*14:06:01+B*27:32	
B*14:05+B*35:01:01G	B*14:06:02+B*35:30	
B*14:05+B*35:01:04	B*14:06:01+B*35:30	
B*14:05+B*35:68:01	B*14:06:02+B*35:05:01	
B*14:05+B*35:68:02	B*14:06:01+B*35:05:01	
B*14:05+B*38:01:01	B*14:06:01+B*38:19	
B*14:05+B*39:01:01G	B*14:06:01+B*39:03	
B*14:05+B*39:05:01	B*14:06:01+B*39:37	
B*14:05+B*40:01:01G	B*14:06:01+B*40:80	
B*14:05+B*40:01:04	B*14:06:02+B*40:80	
B*14:05+B*40:11:01	B*14:06:01+B*40:02:01G	
B*14:05+B*40:11:02	B*14:06:01+B*40:02:09	B*14:06:02+B*40:02:01G
B*14:05+B*40:20	B*14:06:01+B*40:03	
B*14:05+B*40:33	B*14:06:01+B*40:31	

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B*14:05+B*40:114	B*14:06:01+B*40:45			
B*14:05+B*41:03:02	B*14:06:01+B*41:02:01			
B*14:05+B*44:03:01G	B*14:06:01+B*44:110			
B*14:05+B*44:03:02	B*14:06:02+B*44:110			
B*14:05+B*44:41	B*14:06:01+B*44:106			
B*14:05+B*44:65	B*14:06:01+B*44:54			
B*14:05+B*46:01:01G	B*14:06:01+B*46:12			
B*14:05+B*48:03:01	B*14:06:01+B*48:01:01G			
B*14:05+B*48:03:02	B*14:06:02+B*48:01:01G			
B*14:05+B*51:06	B*14:06:01+B*51:64			
B*14:05+B*58:16	B*14:06:01+B*58:18			
B*14:06:01+B*15:01:14	B*14:06:02+B*15:01:01G			
B*14:06:01+B*15:02:01	B*14:06:02+B*15:02:05			
B*14:06:01+B*15:11:03	B*14:06:02+B*15:11:01G			
B*14:06:01+B*15:18:02	B*14:06:02+B*15:18:01G			
B*14:06:01+B*15:25:01G	B*14:06:02+B*15:25:02			
B*14:06:01+B*15:27:01	B*14:06:02+B*15:27:02			
B*14:06:01+B*18:01:06	B*14:06:02+B*18:01:01G			
B*14:06:01+B*35:01:01G	B*14:06:02+B*35:01:04			
B*14:06:01+B*35:08:01	B*14:06:02+B*35:08:03			
B*14:06:01+B*35:12:02	B*14:06:02+B*35:12:01			
B*14:06:01+B*35:68:01	B*14:06:02+B*35:68:02			
B*14:06:01+B*38:20	B*14:10+B*38:05			
B*14:06:01+B*39:06:02	B*14:06:02+B*39:06:01			
B*14:06:01+B*40:01:04	B*14:06:02+B*40:01:01G			
B*14:06:01+B*40:11:02	B*14:06:02+B*40:11:01			
B*14:06:01+B*40:124:01	B*14:06:02+B*40:124:02			
B*14:06:01+B*44:02:07	B*14:06:02+B*44:02:01G			
B*14:06:01+B*44:03:02	B*14:06:02+B*44:03:01G			
B*14:06:01+B*44:28:01	B*14:06:02+B*44:28:02			
B*14:06:01+B*44:64:01	B*14:06:02+B*44:64:02			
B*14:06:01+B*48:03:02	B*14:06:02+B*48:03:01			
B*14:06:01+B*51:01:01G	B*14:06:02+B*51:01:16			
B*14:06:01+B*55:02:01G	B*14:06:02+B*55:02:04			
B*14:06:02+B*14:14	B*14:08+B*14:18			
B*14:06:02+B*38:01:01	B*14:08+B*38:05			
B*14:07N+B*39:04	B*14:11+B*39:40N			
B*14:07N+B*39:05:01	B*14:14+B*39:40N			
B*14:08+B*15:80	B*14:10+B*15:18:02			
B*14:08+B*15:154	B*14:10+B*15:01:14			
B*14:08+B*35:01:04	B*14:10+B*35:68:01			
B*14:10+B*15:136	B*15:25:02+B*39:48			
B*14:11+B*39:05:01	B*14:14+B*39:04			
B*14:14+B*38:05	B*14:18+B*38:01:01			
B*14:14+B*56:17	B*14:19+B*56:23			
B*14:14+B*56:25	B*14:19+B*55:31			
B*15:01:01G+B*15:02:01	B*15:01:14+B*15:02:05	B*15:15+B*15:25:01G	B*15:39:01+B*15:144	
B*15:01:01G+B*15:02:05	B*15:15+B*15:25:02			
B*15:01:01G+B*15:03:01G	B*15:39:01+B*15:54			
B*15:01:01G+B*15:06	B*15:128+B*15:195			
B*15:01:01G+B*15:08	B*15:15+B*15:56			
B*15:01:01G+B*15:10:01	B*15:18:01G+B*15:63			
B*15:01:01G+B*15:11:01G	B*15:15+B*15:152			
B*15:01:01G+B*15:11:03	B*15:01:14+B*15:11:01G			
B*15:01:01G+B*15:13	B*15:02:01+B*15:24			
B*15:01:01G+B*15:18:01G	B*15:64+B*15:66			
B*15:01:01G+B*15:18:02	B*15:01:14+B*15:18:01G			
B*15:01:01G+B*15:20	B*15:05:02+B*15:85			
B*15:01:01G+B*15:21	B*15:02:01+B*15:66			
B*15:01:01G+B*15:23	B*15:18:01G+B*15:24			
B*15:01:01G+B*15:24	B*15:87+B*15:135			
B*15:01:01G+B*15:25:01G	B*15:01:14+B*15:25:02			
B*15:01:01G+B*15:27:01	B*15:01:14+B*15:27:02			
B*15:01:01G+B*15:29	B*15:03:01G+B*15:08	B*15:56+B*15:64		
B*15:01:01G+B*15:37	B*15:10:01+B*15:38:01			
B*15:01:01G+B*15:40	B*15:39:01+B*15:117			
B*15:01:01G+B*15:44	B*15:21+B*15:50	B*15:66+B*15:121		
B*15:01:01G+B*15:45	B*15:07:01G+B*15:63			
B*15:01:01G+B*15:55	B*15:07:01G+B*15:31			
B*15:01:01G+B*15:61	B*15:03:01G+B*15:70			
B*15:01:01G+B*15:62	B*15:03:01G+B*15:85			
B*15:01:01G+B*15:64	B*15:03:01G+B*15:15			
B*15:01:01G+B*15:72	B*15:18:01G+B*15:78:01			
B*15:01:01G+B*15:76	B*15:15+B*15:101			
B*15:01:01G+B*15:80	B*15:18:01G+B*15:154			
B*15:01:01G+B*15:89	B*15:15+B*15:36			
B*15:01:01G+B*15:91	B*15:14+B*15:123:01G			
B*15:01:01G+B*15:93	B*15:18:01G+B*15:50			
B*15:01:01G+B*15:98	B*15:03:01G+B*15:163			
B*15:01:01G+B*15:106	B*15:25:01G+B*15:46			
B*15:01:01G+B*15:107	B*15:05:01+B*15:78:02			
B*15:01:01G+B*15:109	B*15:27:01+B*15:163			
B*15:01:01G+B*15:121	B*15:02:01+B*15:50			
B*15:01:01G+B*15:123:01G	B*15:05:01+B*15:54			
B*15:01:01G+B*15:131	B*15:03:01G+B*15:14			
B*15:01:01G+B*15:141	B*15:35+B*15:78:02			
B*15:01:01G+B*15:150	B*15:30+B*15:78:02			
B*15:01:01G+B*15:155	B*15:04+B*15:05:01			
B*15:01:01G+B*15:156	B*15:03:01G+B*15:128			
B*15:01:01G+B*15:161	B*15:14+B*15:18:01G			
B*15:01:01G+B*15:176	B*15:18:01G+B*15:145			
B*15:01:01G+B*15:185	B*15:05:01+B*15:38:01			
B*15:01:01G+B*15:195	B*15:27:01+B*15:39:01			
B*15:01:01G+B*18:01:01G	B*15:05:01+B*18:19 B*15:71+B*18:25	B*15:15+B*18:12	B*15:38:01+B*18:11	B*15:50+B*18:36
B*15:01:01G+B*18:01:06	B*15:01:14+B*18:01:01G			
B*15:01:01G+B*18:02	B*15:129+B*18:01:01G			
B*15:01:01G+B*18:03	B*15:70+B*18:01:01G			
B*15:01:01G+B*18:07:01	B*15:08+B*18:12	B*15:56+B*18:01:01G		
B*15:01:01G+B*18:08	B*15:110+B*18:01:01G			
B*15:01:01G+B*18:14	B*15:07:01G+B*18:01:01G			
B*15:01:01G+B*18:15	B*15:39:01+B*18:19			
B*15:01:01G+B*18:18	B*15:32+B*18:01:01G			
B*15:01:01G+B*18:20	B*15:128+B*18:01:01G			
B*15:01:01G+B*18:26	B*15:30+B*18:01:01G			

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B*15:01:01G+B*18:30	B*15:65+B*18:19			
B*15:01:01G+B*18:31	B*15:145+B*18:01:01G			
B*15:01:01G+B*18:32	B*15:192+B*18:01:01G			
B*15:01:01G+B*18:33	B*15:66+B*18:01:01G			
B*15:01:01G+B*18:40	B*15:78:01+B*18:01:01G			
B*15:01:01G+B*18:49	B*15:135+B*18:01:01G			
B*15:01:01G+B*18:50	B*15:38:01+B*18:10	B*15:117+B*18:36		
B*15:01:01G+B*27:02	B*15:24+B*27:08			
B*15:01:01G+B*27:03	B*15:160+B*27:05:02G			
B*15:01:01G+B*27:04:01G	B*15:40+B*27:25	B*15:117+B*27:63		
B*15:01:01G+B*27:04:03	B*15:01:02+B*27:04:01G			
B*15:01:01G+B*27:05:02G	B*15:43+B*27:08	B*15:117+B*27:38	B*15:129+B*27:70	
B*15:01:01G+B*27:05:15	B*15:01:03+B*27:05:02G			
B*15:01:01G+B*27:06	B*15:129+B*27:21			
B*15:01:01G+B*27:07	B*15:43+B*27:33			
B*15:01:01G+B*27:08	B*15:70+B*27:44			
B*15:01:01G+B*27:10	B*15:43+B*27:40			
B*15:01:01G+B*27:15	B*15:50+B*27:63			
B*15:01:01G+B*27:16	B*15:43+B*27:12			
B*15:01:01G+B*27:19	B*15:154+B*27:70			
B*15:01:01G+B*27:27	B*15:30+B*27:41			
B*15:01:01G+B*27:28	B*15:38:01+B*27:71			
B*15:01:01G+B*27:32	B*15:07:01G+B*27:70			
B*15:01:01G+B*27:50	B*15:14+B*27:05:03			
B*15:01:01G+B*27:53	B*15:87+B*27:42			
B*15:01:01G+B*27:63	B*15:39:01+B*27:25			
B*15:01:01G+B*27:71	B*15:50+B*27:38			
B*15:01:01G+B*35:01:01G	B*15:01:14+B*35:01:04	B*15:05:01+B*35:14:01	B*15:05:02+B*35:14:02	B*15:08+B*35:28
	B*15:15+B*35:10	B*15:20+B*35:43:01G	B*15:39:01+B*35:62	B*15:56+B*35:20:01
	B*15:154+B*35:68:01			
B*15:01:01G+B*35:01:04	B*15:154+B*35:68:02			
B*15:01:01G+B*35:01:10	B*15:01:02+B*35:01:01G			
B*15:01:01G+B*35:02:01	B*15:30+B*35:146	B*15:56+B*35:95		
B*15:01:01G+B*35:03:01G	B*15:15+B*35:13	B*15:165+B*35:75		
B*15:01:01G+B*35:04:01	B*15:20+B*35:44	B*15:30+B*35:01:01G		
B*15:01:01G+B*35:04:02	B*15:01:02+B*35:04:01	B*15:30+B*35:01:10		
B*15:01:01G+B*35:04:03	B*15:30+B*35:01:17	B*15:34+B*35:12:02		
B*15:01:01G+B*35:05:01	B*15:07:01G+B*35:68:02	B*15:56+B*35:72		
B*15:01:01G+B*35:06	B*15:58+B*35:01:01G			
B*15:01:01G+B*35:08:01	B*15:01:14+B*35:08:03	B*15:15+B*35:80	B*15:65+B*35:62	
B*15:01:01G+B*35:09:01	B*15:78:01+B*35:04:01			
B*15:01:01G+B*35:09:02	B*15:30+B*35:64			
B*15:01:01G+B*35:10	B*15:56+B*35:28			
B*15:01:01G+B*35:11:01	B*15:39:01+B*35:14:01	B*15:39:02+B*35:14:02		
B*15:01:01G+B*35:11:02	B*15:39:01+B*35:14:02			
B*15:01:01G+B*35:12:02	B*15:01:14+B*35:12:01			
B*15:01:01G+B*35:14:02	B*15:85+B*35:43:01G			
B*15:01:01G+B*35:15	B*15:20+B*35:86	B*15:40+B*35:62	B*15:117+B*35:01:01G	
B*15:01:01G+B*35:17	B*15:15+B*35:16			
B*15:01:01G+B*35:20:01	B*15:15+B*35:28			
B*15:01:01G+B*35:21	B*15:38:01+B*35:11:01	B*15:38:02+B*35:11:02		
B*15:01:01G+B*35:22	B*15:30+B*35:51			
B*15:01:01G+B*35:23	B*15:27:01+B*35:01:04	B*15:27:02+B*35:01:01G		
B*15:01:01G+B*35:24:01	B*15:38:01+B*35:01:01G	B*15:185+B*35:14:01		
B*15:01:01G+B*35:27	B*15:135+B*35:01:01G			
B*15:01:01G+B*35:29	B*15:15+B*35:69	B*15:70+B*35:01:01G		
B*15:01:01G+B*35:30	B*15:07:01G+B*35:01:04	B*15:34+B*35:17	B*15:154+B*35:05:01	
B*15:01:01G+B*35:33	B*15:117+B*35:03:01G			
B*15:01:01G+B*35:34	B*15:63+B*35:01:01G			
B*15:01:01G+B*35:37	B*15:04+B*35:68:02			
B*15:01:01G+B*35:42:02	B*15:20+B*35:43:02			
B*15:01:01G+B*35:44	B*15:30+B*35:43:01G			
B*15:01:01G+B*35:45	B*15:14+B*35:08:01			
B*15:01:01G+B*35:48	B*15:32+B*35:01:04			
B*15:01:01G+B*35:50	B*15:71+B*35:01:01G			
B*15:01:01G+B*35:54	B*15:125+B*35:01:01G			
B*15:01:01G+B*35:56	B*15:135+B*35:03:01G			
B*15:01:01G+B*35:64	B*15:107+B*35:14:02			
B*15:01:01G+B*35:68:01	B*15:01:14+B*35:68:02			
B*15:01:01G+B*35:68:02	B*15:34+B*35:32			
B*15:01:01G+B*35:69	B*15:70+B*35:10			
B*15:01:01G+B*35:71	B*15:14+B*35:01:01G			
B*15:01:01G+B*35:76	B*15:76+B*35:28	B*15:101+B*35:20:01		
B*15:01:01G+B*35:81	B*15:38:01+B*35:02:01			
B*15:01:01G+B*35:82	B*15:20+B*35:135	B*15:66+B*35:20:01		
B*15:01:01G+B*35:84	B*15:71+B*35:150			
B*15:01:01G+B*35:86	B*15:117+B*35:43:01G			
B*15:01:01G+B*35:90	B*15:183+B*35:01:01G			
B*15:01:01G+B*35:91	B*15:192+B*35:01:01G			
B*15:01:01G+B*35:93	B*15:50+B*35:01:01G			
B*15:01:01G+B*35:99	B*15:65+B*35:43:01G			
B*15:01:01G+B*35:103	B*15:163+B*35:01:01G			
B*15:01:01G+B*35:109	B*15:38:01+B*35:03:01G	B*15:38:02+B*35:03:02		
B*15:01:01G+B*35:115	B*15:179+B*35:14:02			
B*15:01:01G+B*35:118	B*15:78:02+B*35:43:01G			
B*15:01:01G+B*35:136	B*15:70+B*35:03:01G			
B*15:01:01G+B*35:150	B*15:183+B*35:03:01G			
B*15:01:01G+B*37:01:01G	B*15:43+B*37:11			
B*15:01:01G+B*37:01:03	B*15:01:11+B*37:01:01G			
B*15:01:01G+B*37:04:01	B*15:38:01+B*37:01:01G			
B*15:01:01G+B*37:21	B*15:56+B*37:01:01G			
B*15:01:01G+B*38:01:01	B*15:24+B*39:05:01			
B*15:01:01G+B*38:02:03	B*15:15+B*38:04			
B*15:01:01G+B*38:14	B*15:24+B*39:01:01G	B*15:70+B*38:01:01		
B*15:01:01G+B*38:17	B*15:43+B*39:05:01			
B*15:01:01G+B*38:19	B*15:07:01G+B*38:01:01	B*15:24+B*39:37		
B*15:01:01G+B*38:20	B*15:154+B*38:01:01			
B*15:01:01G+B*38:26	B*15:24+B*67:01:01			
B*15:01:01G+B*39:01:01G	B*15:05:02+B*39:18	B*15:15+B*39:22	B*15:66+B*39:39	B*15:70+B*39:05:01
	B*15:136+B*39:36	B*15:189+B*39:13:01		
B*15:01:01G+B*39:01:05	B*15:05:01+B*39:18			
B*15:01:01G+B*39:02:02	B*15:70+B*39:13:01			
B*15:01:01G+B*39:03	B*15:07:01G+B*39:01:01G	B*15:70+B*39:37		
B*15:01:01G+B*39:05:01	B*15:58+B*39:07			
B*15:01:01G+B*39:06:02	B*15:01:14+B*39:06:01	B*15:04+B*39:01:01G		

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B*15:01:01G+B*39:09	B*15:32+B*39:01:01G			
B*15:01:01G+B*39:10	B*15:11:01G+B*39:02:02			
B*15:01:01G+B*39:15	B*15:70+B*39:55	B*15:189+B*39:49		
B*15:01:01G+B*39:22	B*15:66+B*39:02:01			
B*15:01:01G+B*39:24	B*15:184+B*39:03			
B*15:01:01G+B*39:28	B*15:35+B*39:01:01G			
B*15:01:01G+B*39:30	B*15:05:01+B*39:36			
B*15:01:01G+B*39:31	B*15:71+B*39:04			
B*15:01:01G+B*39:34	B*15:04+B*39:30	B*15:155+B*39:36		
B*15:01:01G+B*39:35	B*15:39:02+B*39:18			
B*15:01:01G+B*39:37	B*15:07:01G+B*39:05:01			
B*15:01:01G+B*39:39	B*15:15+B*39:02:01			
B*15:01:01G+B*39:42	B*15:154+B*39:01:01G			
B*15:01:01G+B*39:48	B*15:38:01+B*39:01:01G	B*15:38:02+B*39:01:05	B*15:50+B*39:32	
B*15:01:01G+B*39:50	B*15:04+B*39:47			
B*15:01:01G+B*39:53	B*15:193+B*39:01:01G			
B*15:01:01G+B*39:57	B*15:04+B*39:53	B*15:193+B*39:06:02		
B*15:01:01G+B*39:58	B*15:08+B*39:02:01	B*15:56+B*39:39		
B*15:01:01G+B*40:01:01G	B*15:30+B*40:52	B*15:63+B*40:38	B*15:78:02+B*40:87	B*15:117+B*40:63
B*15:01:01G+B*40:01:04	B*15:01:14+B*40:01:01G			
B*15:01:01G+B*40:01:06	B*15:01:02+B*40:01:01G			
B*15:01:01G+B*40:01:14	B*15:78:01+B*40:87			
B*15:01:01G+B*40:02:01G	B*15:07:01G+B*40:11:01	B*15:30+B*40:03	B*15:63+B*40:105	B*15:78:01+B*40:35
B*15:01:01G+B*40:02:09	B*15:01:14+B*40:02:01G	B*15:07:01G+B*40:11:02		
B*15:01:01G+B*40:03	B*15:07:01G+B*40:20			
B*15:01:01G+B*40:04	B*15:34+B*40:64	B*15:71+B*40:129		
B*15:01:01G+B*40:06:01G	B*15:04+B*40:11:01			
B*15:01:01G+B*40:07	B*15:56+B*40:01:01G			
B*15:01:01G+B*40:08	B*15:08+B*40:02:01G			
B*15:01:01G+B*40:09	B*15:128+B*40:18			
B*15:01:01G+B*40:10:02	B*15:46+B*40:21			
B*15:01:01G+B*40:11:01	B*15:30+B*40:20			
B*15:01:01G+B*40:11:02	B*15:01:14+B*40:11:01			
B*15:01:01G+B*40:13	B*15:56+B*40:19			
B*15:01:01G+B*40:14:01	B*15:78:01+B*40:121			
B*15:01:01G+B*40:18	B*15:45+B*40:20	B*15:63+B*40:03		
B*15:01:01G+B*40:19	B*15:24+B*40:02:01G	B*15:87+B*40:37		
B*15:01:01G+B*40:25	B*15:15+B*40:01:01G			
B*15:01:01G+B*40:31	B*15:07:01G+B*40:33	B*15:45+B*40:52		
B*15:01:01G+B*40:33	B*15:63+B*40:52			
B*15:01:01G+B*40:36	B*15:58+B*40:52			
B*15:01:01G+B*40:37	B*15:135+B*40:02:01G			
B*15:01:01G+B*40:42	B*15:128+B*40:33			
B*15:01:01G+B*40:43	B*15:70+B*40:01:01G			
B*15:01:01G+B*40:45	B*15:07:01G+B*40:114			
B*15:01:01G+B*40:48	B*15:73+B*40:52			
B*15:01:01G+B*40:49	B*15:53+B*40:21			
B*15:01:01G+B*40:50	B*15:70+B*40:02:01G			
B*15:01:01G+B*40:59	B*15:85+B*40:52			
B*15:01:01G+B*40:61	B*15:152+B*40:01:01G			
B*15:01:01G+B*40:64	B*15:154+B*40:11:02			
B*15:01:01G+B*40:67	B*15:145+B*40:01:01G			
B*15:01:01G+B*40:68	B*15:08+B*40:04			
B*15:01:01G+B*40:69	B*15:28+B*40:01:01G			
B*15:01:01G+B*40:70	B*15:34+B*40:06:01G			
B*15:01:01G+B*40:74	B*15:71+B*40:49			
B*15:01:01G+B*40:75	B*15:66+B*40:06:01G			
B*15:01:01G+B*40:79	B*15:159+B*40:01:01G			
B*15:01:01G+B*40:80	B*15:07:01G+B*40:01:01G	B*15:45+B*40:38		
B*15:01:01G+B*40:89	B*15:128+B*40:02:01G			
B*15:01:01G+B*40:96	B*15:71+B*40:110			
B*15:01:01G+B*40:100	B*15:27:01+B*40:01:01G	B*15:27:02+B*40:01:04		
B*15:01:01G+B*40:106	B*15:08+B*40:01:01G	B*15:15+B*40:07	B*15:56+B*40:25	
B*15:01:01G+B*40:109	B*15:87+B*40:06:01G			
B*15:01:01G+B*40:113	B*15:38:01+B*40:01:01G			
B*15:01:01G+B*40:117	B*15:24+B*40:01:01G			
B*15:01:01G+B*40:124:01	B*15:01:14+B*40:124:02			
B*15:01:01G+B*40:125	B*15:34+B*40:01:04			
B*15:01:01G+B*40:132	B*15:14+B*40:01:01G			
B*15:01:01G+B*40:143	B*15:27:02+B*40:02:01G			
B*15:01:01G+B*41:02:01	B*15:07:01G+B*41:03:02			
B*15:01:01G+B*41:07	B*15:34+B*41:01			
B*15:01:01G+B*41:14	B*15:159+B*41:01			
B*15:01:01G+B*42:01:01	B*15:76+B*42:11	B*15:78:01+B*42:10		
B*15:01:01G+B*42:02	B*15:30+B*42:09			
B*15:01:01G+B*44:02:01G	B*15:14+B*44:91	B*15:46+B*44:08	B*15:128+B*44:51	B*15:154+B*44:41
B*15:01:01G+B*44:02:07	B*15:01:14+B*44:02:01G			
B*15:01:01G+B*44:02:10	B*15:183+B*44:34			
B*15:01:01G+B*44:03:01G	B*15:14+B*44:37	B*15:46+B*44:57	B*15:128+B*44:45	B*15:135+B*44:109
	B*15:154+B*44:65			
B*15:01:01G+B*44:03:02	B*15:01:14+B*44:03:01G			
B*15:01:01G+B*44:04	B*15:50+B*44:28:02			
B*15:01:01G+B*44:05:01	B*15:14+B*44:42			
B*15:01:01G+B*44:12	B*15:15+B*44:02:01G			
B*15:01:01G+B*44:16	B*15:117+B*44:91			
B*15:01:01G+B*44:18	B*15:24+B*45:01:01G			
B*15:01:01G+B*44:20	B*15:04+B*44:41			
B*15:01:01G+B*44:21	B*15:14+B*44:16	B*15:117+B*44:02:01G		
B*15:01:01G+B*44:22	B*15:125+B*44:02:01G			
B*15:01:01G+B*44:25	B*15:87+B*44:75			
B*15:01:01G+B*44:28:01	B*15:01:14+B*44:28:02			
B*15:01:01G+B*44:47	B*15:04+B*44:65			
B*15:01:01G+B*44:48	B*15:34+B*44:02:07			
B*15:01:01G+B*44:49	B*15:142+B*44:02:01G			
B*15:01:01G+B*44:50	B*15:24+B*44:46			
B*15:01:01G+B*44:53	B*15:78:01+B*44:02:01G			
B*15:01:01G+B*44:54	B*15:07:01G+B*44:65			
B*15:01:01G+B*44:56N	B*15:26N+B*44:04			
B*15:01:01G+B*44:58N	B*15:94N+B*44:05:01			
B*15:01:01G+B*44:64:01	B*15:01:14+B*44:64:02			
B*15:01:01G+B*44:64:02	B*15:117+B*44:37			
B*15:01:01G+B*44:77	B*15:30+B*44:43:01			
B*15:01:01G+B*44:90	B*15:101+B*44:09			
B*15:01:01G+B*44:95	B*15:24+B*44:09			
B*15:01:01G+B*44:102	B*15:105+B*44:02:01G			

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B*15:01:01G+B*44:103	B*15:71+B*44:03:01G			
B*15:01:01G+B*44:105	B*15:125+B*44:03:01G			
B*15:01:01G+B*44:106	B*15:07:01G+B*44:41			
B*15:01:01G+B*44:107	B*15:63+B*44:43:01			
B*15:01:01G+B*44:110	B*15:07:01G+B*44:03:01G	B*15:154+B*44:54		
B*15:01:01G+B*45:01:01G	B*15:14+B*45:04			
B*15:01:01G+B*45:06	B*15:101+B*45:01:01G			
B*15:01:01G+B*45:08	B*15:50+B*45:04			
B*15:01:01G+B*45:10	B*15:117+B*45:04			
B*15:01:01G+B*45:11	B*15:105+B*45:01:01G			
B*15:01:01G+B*46:05	B*15:125+B*46:01:01G			
B*15:01:01G+B*46:08	B*15:39:01+B*46:01:01G			
B*15:01:01G+B*46:10	B*15:183+B*46:01:01G			
B*15:01:01G+B*46:12	B*15:07:01G+B*46:01:01G			
B*15:01:01G+B*46:13:01	B*15:05:01+B*46:01:03	B*15:05:02+B*46:01:01G	B*15:39:02+B*46:09	
B*15:01:01G+B*46:13:03	B*15:05:01+B*46:01:01G	B*15:39:01+B*46:09		
B*15:01:01G+B*46:17	B*15:14+B*46:01:01G			
B*15:01:01G+B*46:18	B*15:42+B*46:09	B*15:50+B*46:11		
B*15:01:01G+B*46:19	B*15:136+B*46:01:01G			
B*15:01:01G+B*46:21:01	B*15:50+B*46:13:03			
B*15:01:01G+B*46:21:02	B*15:50+B*46:13:01			
B*15:01:01G+B*47:01:01G	B*15:43+B*47:02			
B*15:01:01G+B*47:06	B*15:145+B*47:01:01G			
B*15:01:01G+B*48:01:01G	B*15:07:01G+B*48:03:01	B*15:39:01+B*48:19	B*15:68+B*40:21	
B*15:01:01G+B*48:03:01	B*15:30+B*48:23			
B*15:01:01G+B*48:03:02	B*15:01:14+B*48:03:01			
B*15:01:01G+B*48:06	B*15:08+B*48:01:01G			
B*15:01:01G+B*48:18	B*15:87+B*48:01:01G			
B*15:01:01G+B*48:21	B*15:129+B*48:03:01			
B*15:01:01G+B*49:01:01	B*15:24+B*50:01:01			
B*15:01:01G+B*49:01:02	B*15:01:18+B*49:01:01			
B*15:01:01G+B*49:07	B*15:117+B*49:01:01			
B*15:01:01G+B*49:09	B*15:38:01+B*49:01:01			
B*15:01:01G+B*49:12	B*15:192+B*49:01:01			
B*15:01:01G+B*50:02	B*15:14+B*50:01:01			
B*15:01:01G+B*51:01:01G	B*15:01:02+B*51:01:04	B*15:01:14+B*51:01:16	B*15:04+B*51:06	B*15:08+B*52:01:02
	B*15:15+B*52:06:02	B*15:24+B*78:02:02	B*15:30+B*51:37	B*15:38:01+B*51:02:01
	B*15:39:02+B*51:61	B*15:56+B*51:07:01	B*15:63+B*51:63	B*35:43:01G+B*52:02
B*15:01:01G+B*51:01:02	B*15:08+B*52:01:01G	B*15:24+B*78:02:01	B*15:38:01+B*51:02:02	B*15:56+B*51:07:02
B*15:01:01G+B*51:01:04	B*15:38:01+B*51:02:04			
B*15:01:01G+B*51:01:10	B*15:01:17+B*51:01:01G			
B*15:01:01G+B*51:02:01	B*15:01:02+B*51:02:04	B*15:04+B*51:59		
B*15:01:01G+B*51:02:02	B*15:08+B*52:11			
B*15:01:01G+B*51:06	B*15:38:01+B*51:59			
B*15:01:01G+B*51:07:01	B*15:15+B*52:01:02			
B*15:01:01G+B*51:07:02	B*15:15+B*52:01:01G			
B*15:01:01G+B*51:08	B*15:63+B*51:97	B*15:179+B*51:61		
B*15:01:01G+B*51:09:01	B*15:05:02+B*51:61	B*15:38:02+B*51:40		
B*15:01:01G+B*51:09:02	B*15:08+B*52:10			
B*15:01:01G+B*51:13:02	B*15:01:02+B*51:13:01	B*15:58+B*51:37		
B*15:01:01G+B*51:16	B*15:38:01+B*51:34	B*15:117+B*51:01:01G	B*35:86+B*52:02	
B*15:01:01G+B*51:20	B*15:70+B*51:08			
B*15:01:01G+B*51:21	B*15:50+B*51:01:01G			
B*15:01:01G+B*51:22	B*15:66+B*51:07:01	B*35:135+B*52:02		
B*15:01:01G+B*51:23	B*15:14+B*51:02:01			
B*15:01:01G+B*51:24:01	B*15:78:01+B*51:01:04			
B*15:01:01G+B*51:24:03	B*15:01:02+B*51:24:02			
B*15:01:01G+B*51:24:04	B*15:78:02+B*51:01:01G	B*15:150+B*51:37	B*35:118+B*52:02	
B*15:01:01G+B*51:27N	B*15:181N+B*51:01:01G			
B*15:01:01G+B*51:31	B*15:117+B*51:09:01			
B*15:01:01G+B*51:34	B*15:117+B*51:02:01			
B*15:01:01G+B*51:41N	B*15:94N+B*51:01:01G			
B*15:01:01G+B*51:46	B*15:35+B*51:04			
B*15:01:01G+B*51:53	B*15:105+B*51:01:01G			
B*15:01:01G+B*51:62	B*15:73+B*51:45			
B*15:01:01G+B*51:64	B*15:07:01G+B*51:06			
B*15:01:01G+B*51:66	B*15:113+B*51:01:01G			
B*15:01:01G+B*51:68	B*15:142+B*51:01:01G			
B*15:01:01G+B*51:82	B*15:117+B*51:29			
B*15:01:01G+B*51:90	B*15:63+B*51:37			
B*15:01:01G+B*51:95	B*15:193+B*51:01:01G			
B*15:01:01G+B*51:104	B*15:08+B*52:02			
B*15:01:01G+B*51:106	B*15:73+B*51:37			
B*15:01:01G+B*52:01:01G	B*15:01:02+B*52:01:05	B*15:24+B*78:05	B*15:38:01+B*52:11	B*15:87+B*78:06
B*15:01:01G+B*52:01:02	B*15:39:01+B*52:21	B*15:135+B*52:09		
B*15:01:01G+B*52:06:02	B*15:56+B*52:01:02			
B*15:01:01G+B*52:08	B*15:117+B*52:01:01G			
B*15:01:01G+B*52:15	B*15:14+B*52:01:01G			
B*15:01:01G+B*53:01:01	B*15:24+B*35:01:01G	B*15:87+B*35:27	B*15:135+B*53:05	
B*15:01:01G+B*53:01:02	B*15:24+B*35:01:16			
B*15:01:01G+B*53:02	B*15:24+B*35:24:01	B*15:38:01+B*53:01:01	B*15:38:02+B*53:01:03	
B*15:01:01G+B*53:03	B*15:43+B*35:01:01G			
B*15:01:01G+B*53:04	B*15:24+B*35:03:01G	B*15:87+B*35:56		
B*15:01:01G+B*53:05	B*15:87+B*35:01:01G			
B*15:01:01G+B*53:06	B*15:85+B*51:45			
B*15:01:01G+B*53:08:01	B*15:24+B*35:11:01			
B*15:01:01G+B*53:08:02	B*15:24+B*35:11:02			
B*15:01:01G+B*53:13	B*15:56+B*53:09	B*15:135+B*53:12		
B*15:01:01G+B*53:14	B*15:24+B*35:05:01			
B*15:01:01G+B*53:16	B*15:87+B*35:08:01			
B*15:01:01G+B*53:19	B*15:24+B*35:02:01			
B*15:01:01G+B*53:23	B*15:24+B*35:29	B*15:70+B*53:01:01		
B*15:01:01G+B*53:24	B*15:24+B*35:08:01	B*15:135+B*53:16		
B*15:01:01G+B*54:01:01G	B*15:50+B*54:03	B*15:73+B*54:14		
B*15:01:01G+B*54:02	B*15:71+B*54:01:01G			
B*15:01:01G+B*54:04	B*15:30+B*54:14			
B*15:01:01G+B*54:12	B*15:24+B*54:01:01G			
B*15:01:01G+B*55:01:01G	B*15:15+B*55:40	B*15:34+B*55:38	B*15:39:01+B*55:21	B*15:50+B*56:25
	B*15:70+B*55:31			
B*15:01:01G+B*55:01:04	B*15:01:02+B*55:01:01G			
B*15:01:01G+B*55:02:01G	B*15:01:14+B*55:02:04	B*15:04+B*56:10	B*15:05:01+B*55:21	B*15:11:01G+B*55:34
	B*15:50+B*56:01:01G	B*15:73+B*55:23	B*15:152+B*55:47	
B*15:01:01G+B*55:02:03	B*15:01:10+B*55:02:01G			
B*15:01:01G+B*55:12	B*15:135+B*55:02:01G			
B*15:01:01G+B*55:13	B*15:50+B*56:22	B*15:58+B*55:23		

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B*15:01:01G+B*55:22	B*15:117+B*56:01:01G	
B*15:01:01G+B*55:24	B*15:117+B*56:25	
B*15:01:01G+B*55:28	B*15:34+B*55:17	
B*15:01:01G+B*55:41	B*15:128+B*55:02:01G	
B*15:01:01G+B*55:43	B*15:178+B*55:02:01G	
B*15:01:01G+B*55:45	B*15:60+B*55:01:01G	
B*15:01:01G+B*55:47	B*15:15+B*55:34	
B*15:01:01G+B*56:01:01G	B*15:04+B*56:02	B*15:34+B*56:27
B*15:01:01G+B*56:02	B*15:34+B*56:04	
B*15:01:01G+B*56:10	B*15:50+B*56:02	
B*15:01:01G+B*56:20	B*15:78:01+B*56:01:01G	
B*15:01:01G+B*56:21	B*15:24+B*56:05:02	
B*15:01:01G+B*56:27	B*15:04+B*56:04	
B*15:01:01G+B*57:02:01	B*15:24+B*57:12	B*15:30+B*57:19
B*15:01:01G+B*57:03:01	B*15:30+B*57:01:01G	
B*15:01:01G+B*57:07	B*15:14+B*57:03:01	
B*15:01:01G+B*57:14	B*15:38:02+B*57:01:01G	
B*15:01:01G+B*57:25	B*15:117+B*57:01:01G	
B*15:01:01G+B*57:26	B*15:50+B*57:01:01G	
B*15:01:01G+B*57:31	B*15:78:01+B*57:01:01G	
B*15:01:01G+B*58:01:01G	B*15:165+B*58:26	
B*15:01:01G+B*58:07	B*15:14+B*58:02	
B*15:01:01G+B*58:09	B*15:38:01+B*58:01:01G	B*15:38:02+B*58:01:05
B*15:01:01G+B*58:15	B*15:164+B*58:01:01G	
B*15:01:01G+B*58:18	B*15:07:01G+B*58:16	
B*15:01:01G+B*59:01	B*15:50+B*59:04	
B*15:01:01G+B*67:01:02	B*15:76+B*39:13:01	
B*15:01:01G+B*67:03	B*15:78:02+B*67:01:01	
B*15:01:01G+B*78:01	B*15:70+B*78:02:02	
B*15:01:01G+B*78:02:01	B*15:08+B*78:05	
B*15:01:01G+B*78:06	B*15:135+B*78:05	
B*15:01:01G+B*78:07	B*15:50+B*78:01	
B*15:01:01G+B*81:01:01G	B*15:76+B*48:01:01G	
B*15:01:02+B*35:06	B*15:58+B*35:01:10	
B*15:01:02+B*35:09:01	B*15:78:01+B*35:04:02	
B*15:01:02+B*35:15	B*15:117+B*35:01:10	
B*15:01:02+B*35:23	B*15:27:02+B*35:01:10	
B*15:01:02+B*35:24:01	B*15:38:01+B*35:01:10	
B*15:01:02+B*35:27	B*15:135+B*35:01:10	
B*15:01:02+B*35:29	B*15:70+B*35:01:10	
B*15:01:02+B*35:34	B*15:63+B*35:01:10	
B*15:01:02+B*35:50	B*15:71+B*35:01:10	
B*15:01:02+B*35:54	B*15:125+B*35:01:10	
B*15:01:02+B*35:71	B*15:14+B*35:01:10	
B*15:01:02+B*35:90	B*15:183+B*35:01:10	
B*15:01:02+B*35:91	B*15:192+B*35:01:10	
B*15:01:02+B*35:93	B*15:50+B*35:01:10	
B*15:01:02+B*35:103	B*15:163+B*35:01:10	
B*15:01:02+B*40:01:04	B*15:01:14+B*40:01:06	
B*15:01:02+B*40:07	B*15:56+B*40:01:06	
B*15:01:02+B*40:25	B*15:15+B*40:01:06	
B*15:01:02+B*40:43	B*15:70+B*40:01:06	
B*15:01:02+B*40:61	B*15:152+B*40:01:06	
B*15:01:02+B*40:67	B*15:145+B*40:01:06	
B*15:01:02+B*40:69	B*15:28+B*40:01:06	
B*15:01:02+B*40:79	B*15:159+B*40:01:06	
B*15:01:02+B*40:80	B*15:07:01G+B*40:01:06	
B*15:01:02+B*40:100	B*15:27:01+B*40:01:06	
B*15:01:02+B*40:106	B*15:08+B*40:01:06	
B*15:01:02+B*40:113	B*15:38:01+B*40:01:06	
B*15:01:02+B*40:117	B*15:24+B*40:01:06	
B*15:01:02+B*40:132	B*15:14+B*40:01:06	
B*15:01:02+B*51:24:01	B*15:78:01+B*51:01:01G	
B*15:01:02+B*53:01:01	B*15:24+B*35:01:10	
B*15:01:02+B*53:03	B*15:43+B*35:01:10	
B*15:01:02+B*53:05	B*15:87+B*35:01:10	
B*15:01:02+B*55:45	B*15:60+B*55:01:04	
B*15:01:03+B*27:03	B*15:160+B*27:05:15	
B*15:01:10+B*55:12	B*15:135+B*55:02:03	
B*15:01:10+B*55:41	B*15:128+B*55:02:03	
B*15:01:10+B*55:43	B*15:178+B*55:02:03	
B*15:01:11+B*37:04:01	B*15:38:01+B*37:01:03	
B*15:01:11+B*37:21	B*15:56+B*37:01:03	
B*15:01:14+B*15:10:01	B*15:18:02+B*15:63	
B*15:01:14+B*15:23	B*15:18:02+B*15:24	
B*15:01:14+B*15:72	B*15:18:02+B*15:78:01	
B*15:01:14+B*15:80	B*15:18:02+B*15:154	
B*15:01:14+B*15:93	B*15:18:02+B*15:50	
B*15:01:14+B*15:161	B*15:14+B*15:18:02	
B*15:01:14+B*15:176	B*15:18:02+B*15:145	
B*15:01:14+B*18:02	B*15:129+B*18:01:06	
B*15:01:14+B*18:03	B*15:70+B*18:01:06	
B*15:01:14+B*18:07:01	B*15:56+B*18:01:06	
B*15:01:14+B*18:08	B*15:110+B*18:01:06	
B*15:01:14+B*18:14	B*15:07:01G+B*18:01:06	
B*15:01:14+B*18:18	B*15:32+B*18:01:06	
B*15:01:14+B*18:20	B*15:128+B*18:01:06	
B*15:01:14+B*18:22	B*15:85+B*18:14	
B*15:01:14+B*18:26	B*15:30+B*18:01:06	
B*15:01:14+B*18:31	B*15:145+B*18:01:06	
B*15:01:14+B*18:32	B*15:192+B*18:01:06	
B*15:01:14+B*18:33	B*15:66+B*18:01:06	
B*15:01:14+B*18:40	B*15:78:01+B*18:01:06	
B*15:01:14+B*18:49	B*15:135+B*18:01:06	
B*15:01:14+B*35:05:01	B*15:07:01G+B*35:68:01	
B*15:01:14+B*35:23	B*15:27:01+B*35:01:01G	B*15:195+B*35:62
B*15:01:14+B*35:30	B*15:07:01G+B*35:01:01G	B*15:85+B*35:51
B*15:01:14+B*35:37	B*15:04+B*35:68:01	
B*15:01:14+B*35:48	B*15:32+B*35:01:01G	
B*15:01:14+B*39:10	B*15:11:03+B*39:02:02	
B*15:01:14+B*40:06:01G	B*15:04+B*40:11:02	
B*15:01:14+B*40:07	B*15:56+B*40:01:04	
B*15:01:14+B*40:08	B*15:08+B*40:02:09	
B*15:01:14+B*40:19	B*15:24+B*40:02:09	
B*15:01:14+B*40:25	B*15:15+B*40:01:04	

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B*15:01:14+B*40:37	B*15:135+B*40:02:09		
B*15:01:14+B*40:43	B*15:70+B*40:01:04		
B*15:01:14+B*40:50	B*15:70+B*40:02:09		
B*15:01:14+B*40:61	B*15:152+B*40:01:04		
B*15:01:14+B*40:67	B*15:145+B*40:01:04		
B*15:01:14+B*40:69	B*15:28+B*40:01:04		
B*15:01:14+B*40:79	B*15:159+B*40:01:04		
B*15:01:14+B*40:80	B*15:07:01G+B*40:01:04		
B*15:01:14+B*40:89	B*15:128+B*40:02:09		
B*15:01:14+B*40:100	B*15:27:01+B*40:01:04		
B*15:01:14+B*40:106	B*15:08+B*40:01:04		
B*15:01:14+B*40:113	B*15:38:01+B*40:01:04		
B*15:01:14+B*40:117	B*15:24+B*40:01:04		
B*15:01:14+B*40:132	B*15:14+B*40:01:04		
B*15:01:14+B*40:143	B*15:27:01+B*40:02:01G	B*15:27:02+B*40:02:09	
B*15:01:14+B*44:04	B*15:50+B*44:28:01		
B*15:01:14+B*44:12	B*15:15+B*44:02:07		
B*15:01:14+B*44:21	B*15:117+B*44:02:07		
B*15:01:14+B*44:22	B*15:125+B*44:02:07		
B*15:01:14+B*44:49	B*15:142+B*44:02:07		
B*15:01:14+B*44:53	B*15:78:01+B*44:02:07		
B*15:01:14+B*44:102	B*15:105+B*44:02:07		
B*15:01:14+B*44:103	B*15:71+B*44:03:02		
B*15:01:14+B*44:105	B*15:125+B*44:03:02		
B*15:01:14+B*44:110	B*15:07:01G+B*44:03:02		
B*15:01:14+B*48:01:01G	B*15:07:01G+B*48:03:02		
B*15:01:14+B*48:21	B*15:129+B*48:03:02		
B*15:01:14+B*51:56	B*15:34+B*51:04		
B*15:01:14+B*55:02:01G	B*15:11:03+B*55:34		
B*15:01:17+B*51:16	B*15:117+B*51:01:10		
B*15:01:17+B*51:21	B*15:50+B*51:01:10		
B*15:01:17+B*51:24:04	B*15:78:02+B*51:01:10		
B*15:01:17+B*51:27N	B*15:181N+B*51:01:10		
B*15:01:17+B*51:41N	B*15:94N+B*51:01:10		
B*15:01:17+B*51:53	B*15:105+B*51:01:10		
B*15:01:17+B*51:66	B*15:113+B*51:01:10		
B*15:01:17+B*51:68	B*15:142+B*51:01:10		
B*15:01:17+B*51:95	B*15:193+B*51:01:10		
B*15:01:18+B*49:07	B*15:117+B*49:01:02		
B*15:01:18+B*49:09	B*15:38:01+B*49:01:02		
B*15:01:18+B*49:12	B*15:192+B*49:01:02		
B*15:02:01+B*15:03:01G	B*15:25:01G+B*15:64		
B*15:02:01+B*15:11:01G	B*15:02:05+B*15:11:03		
B*15:02:01+B*15:18:01G	B*15:02:05+B*15:18:02	B*15:21+B*15:64	
B*15:02:01+B*15:23	B*15:13+B*15:18:01G		
B*15:02:01+B*15:25:02	B*15:02:05+B*15:25:01G		
B*15:02:01+B*15:27:01	B*15:144+B*15:195		
B*15:02:01+B*15:27:02	B*15:02:05+B*15:27:01		
B*15:02:01+B*15:36	B*15:25:01G+B*15:89		
B*15:02:01+B*15:44	B*15:21+B*15:121		
B*15:02:01+B*15:46	B*15:15+B*15:106		
B*15:02:01+B*15:54	B*15:03:01G+B*15:144		
B*15:02:01+B*15:56	B*15:08+B*15:25:01G		
B*15:02:01+B*15:78:02	B*15:02:03+B*15:78:01		
B*15:02:01+B*15:93	B*15:18:01G+B*15:121	B*15:44+B*15:64	
B*15:02:01+B*15:101	B*15:25:01G+B*15:76		
B*15:02:01+B*15:117	B*15:40+B*15:144		
B*15:02:01+B*15:152	B*15:11:01G+B*15:25:01G	B*15:11:03+B*15:25:02	
B*15:02:01+B*15:200	B*15:18:01G+B*15:88		
B*15:02:01+B*18:01:01G	B*15:02:05+B*18:01:06	B*15:121+B*18:36	
B*15:02:01+B*18:09	B*15:89+B*18:01:01G		
B*15:02:01+B*18:12	B*15:25:01G+B*18:01:01G	B*15:25:02+B*18:01:06	B*15:204+B*18:43
B*15:02:01+B*18:19	B*15:144+B*18:15		
B*15:02:01+B*18:33	B*15:21+B*18:01:01G	B*15:44+B*18:36	
B*15:02:01+B*27:01	B*15:89+B*27:44		
B*15:02:01+B*27:02	B*15:13+B*27:08		
B*15:02:01+B*27:15	B*15:121+B*27:63		
B*15:02:01+B*27:25	B*15:144+B*27:63		
B*15:02:01+B*27:71	B*15:121+B*27:38		
B*15:02:01+B*35:01:04	B*15:02:05+B*35:01:01G		
B*15:02:01+B*35:01:08	B*15:02:02+B*35:01:01G		
B*15:02:01+B*35:01:14	B*15:02:04+B*35:01:01G		
B*15:02:01+B*35:01:15	B*15:02:02+B*35:01:19		
B*15:02:01+B*35:05:01	B*15:55+B*35:11:01		
B*15:02:01+B*35:08:03	B*15:02:05+B*35:08:01		
B*15:02:01+B*35:10	B*15:25:01G+B*35:01:01G		
B*15:02:01+B*35:12:01	B*15:02:05+B*35:12:02		
B*15:02:01+B*35:13	B*15:25:01G+B*35:03:01G		
B*15:02:01+B*35:14:01	B*15:144+B*35:11:01		
B*15:02:01+B*35:14:02	B*15:144+B*35:11:02		
B*15:02:01+B*35:16	B*15:25:01G+B*35:17		
B*15:02:01+B*35:28	B*15:25:01G+B*35:20:01		
B*15:02:01+B*35:62	B*15:144+B*35:01:01G		
B*15:02:01+B*35:68:02	B*15:02:05+B*35:68:01	B*15:31+B*35:11:01	
B*15:02:01+B*35:69	B*15:25:01G+B*35:29		
B*15:02:01+B*35:78	B*15:139+B*35:01:01G		
B*15:02:01+B*35:80	B*15:25:01G+B*35:08:01		
B*15:02:01+B*35:82	B*15:21+B*35:20:01		
B*15:02:01+B*35:93	B*15:121+B*35:01:01G		
B*15:02:01+B*37:10	B*15:89+B*37:11		
B*15:02:01+B*38:01:01	B*15:13+B*39:05:01		
B*15:02:01+B*38:02:01G	B*15:89+B*39:05:01		
B*15:02:01+B*38:04	B*15:25:01G+B*38:02:03		
B*15:02:01+B*38:14	B*15:13+B*39:01:01G		
B*15:02:01+B*38:19	B*15:13+B*39:37		
B*15:02:01+B*38:26	B*15:13+B*67:01:01		
B*15:02:01+B*39:01:01G	B*15:21+B*39:39		
B*15:02:01+B*39:02:01	B*15:25:01G+B*39:39		
B*15:02:01+B*39:06:01	B*15:02:05+B*39:06:02		
B*15:02:01+B*39:16	B*15:112+B*39:10		
B*15:02:01+B*39:22	B*15:21+B*39:02:01	B*15:25:01G+B*39:01:01G	
B*15:02:01+B*39:48	B*15:121+B*39:32		
B*15:02:01+B*40:01:01G	B*15:02:03+B*40:01:14	B*15:02:05+B*40:01:04	B*15:25:01G+B*40:25
B*15:02:01+B*40:02:01G	B*15:02:05+B*40:02:09		
B*15:02:01+B*40:07	B*15:25:01G+B*40:106		

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B*15:02:01+B*40:11:01	B*15:02:05+B*40:11:02		
B*15:02:01+B*40:14:03	B*15:02:03+B*40:14:02		
B*15:02:01+B*40:19	B*15:13+B*40:02:01G		
B*15:02:01+B*40:24	B*15:194+B*40:09		
B*15:02:01+B*40:47	B*15:36+B*40:25	B*15:89+B*40:01:01G	
B*15:02:01+B*40:75	B*15:21+B*40:06:01G		
B*15:02:01+B*40:96	B*15:89+B*40:06:01G		
B*15:02:01+B*40:117	B*15:13+B*40:01:01G		
B*15:02:01+B*40:124:02	B*15:02:05+B*40:124:01		
B*15:02:01+B*40:157	B*15:89+B*40:02:01G		
B*15:02:01+B*44:02:01G	B*15:02:05+B*44:02:07	B*15:25:01G+B*44:12	B*15:89+B*44:09
B*15:02:01+B*44:03:01G	B*15:02:05+B*44:03:02	B*15:89+B*44:46	
B*15:02:01+B*44:04	B*15:121+B*44:28:02		
B*15:02:01+B*44:18	B*15:13+B*45:01:01G		
B*15:02:01+B*44:28:02	B*15:02:05+B*44:28:01		
B*15:02:01+B*44:50	B*15:13+B*44:46		
B*15:02:01+B*44:55	B*15:204+B*44:12		
B*15:02:01+B*44:64:02	B*15:02:05+B*44:64:01		
B*15:02:01+B*44:95	B*15:13+B*44:09		
B*15:02:01+B*45:08	B*15:121+B*45:04		
B*15:02:01+B*46:01:01G	B*15:144+B*46:08		
B*15:02:01+B*46:09	B*15:144+B*46:13:03		
B*15:02:01+B*46:18	B*15:121+B*46:11		
B*15:02:01+B*46:21:01	B*15:121+B*46:13:03		
B*15:02:01+B*46:21:02	B*15:121+B*46:13:01		
B*15:02:01+B*48:03:01	B*15:02:05+B*48:03:02		
B*15:02:01+B*48:19	B*15:144+B*48:01:01G		
B*15:02:01+B*49:01:01	B*15:13+B*50:01:01		
B*15:02:01+B*49:02	B*15:89+B*50:01:01		
B*15:02:01+B*51:01:01G	B*15:13+B*78:02:02		
B*15:02:01+B*51:01:02	B*15:13+B*78:02:01		
B*15:02:01+B*51:01:09	B*15:02:03+B*51:01:02		
B*15:02:01+B*51:01:16	B*15:02:05+B*51:01:01G		
B*15:02:01+B*51:21	B*15:121+B*51:01:01G		
B*15:02:01+B*51:22	B*15:21+B*51:07:01		
B*15:02:01+B*51:78	B*15:89+B*78:02:02		
B*15:02:01+B*52:01:01G	B*15:13+B*78:05	B*15:25:01G+B*51:07:02	
B*15:02:01+B*52:01:02	B*15:25:01G+B*51:07:01		
B*15:02:01+B*52:01:03	B*15:02:02+B*52:01:01G		
B*15:02:01+B*52:06:01	B*15:02:02+B*52:06:02		
B*15:02:01+B*52:06:02	B*15:25:01G+B*51:01:01G		
B*15:02:01+B*52:20	B*15:89+B*78:05		
B*15:02:01+B*52:21	B*15:144+B*52:01:02		
B*15:02:01+B*53:01:01	B*15:13+B*35:01:01G		
B*15:02:01+B*53:01:02	B*15:13+B*35:01:16		
B*15:02:01+B*53:02	B*15:13+B*35:24:01		
B*15:02:01+B*53:04	B*15:13+B*35:03:01G		
B*15:02:01+B*53:08:01	B*15:13+B*35:11:01		
B*15:02:01+B*53:08:02	B*15:13+B*35:11:02		
B*15:02:01+B*53:09	B*15:89+B*35:20:01		
B*15:02:01+B*53:11	B*15:89+B*35:08:01		
B*15:02:01+B*53:13	B*15:89+B*35:01:01G		
B*15:02:01+B*53:14	B*15:13+B*35:05:01	B*15:55+B*53:08:01	
B*15:02:01+B*53:19	B*15:13+B*35:02:01		
B*15:02:01+B*53:23	B*15:13+B*35:29		
B*15:02:01+B*53:24	B*15:13+B*35:08:01		
B*15:02:01+B*54:01:01G	B*15:121+B*54:03		
B*15:02:01+B*54:12	B*15:13+B*54:01:01G		
B*15:02:01+B*55:01:01G	B*15:121+B*56:25		
B*15:02:01+B*55:02:01G	B*15:121+B*56:01:01G		
B*15:02:01+B*55:02:04	B*15:02:05+B*55:02:01G		
B*15:02:01+B*55:13	B*15:121+B*56:22		
B*15:02:01+B*55:21	B*15:144+B*55:01:01G		
B*15:02:01+B*55:34	B*15:25:01G+B*55:47		
B*15:02:01+B*55:40	B*15:25:01G+B*55:01:01G		
B*15:02:01+B*56:07	B*15:89+B*56:01:01G		
B*15:02:01+B*56:10	B*15:121+B*56:02		
B*15:02:01+B*56:21	B*15:13+B*56:05:02		
B*15:02:01+B*57:01:07	B*15:02:03+B*57:01:01G		
B*15:02:01+B*57:02:01	B*15:13+B*57:12		
B*15:02:01+B*57:26	B*15:121+B*57:01:01G		
B*15:02:01+B*58:16	B*15:31+B*58:19		
B*15:02:01+B*58:18	B*15:55+B*58:19		
B*15:02:01+B*59:01	B*15:121+B*59:04		
B*15:02:01+B*78:07	B*15:121+B*78:01		
B*15:02:02+B*35:01:04	B*15:02:05+B*35:01:08		
B*15:02:02+B*35:01:14	B*15:02:04+B*35:01:08		
B*15:02:02+B*35:10	B*15:25:01G+B*35:01:08		
B*15:02:02+B*35:62	B*15:144+B*35:01:08		
B*15:02:02+B*35:78	B*15:139+B*35:01:08		
B*15:02:02+B*35:93	B*15:121+B*35:01:08		
B*15:02:02+B*53:01:01	B*15:13+B*35:01:08		
B*15:02:02+B*53:13	B*15:89+B*35:01:08		
B*15:02:03+B*57:26	B*15:121+B*57:01:07		
B*15:02:04+B*35:01:04	B*15:02:05+B*35:01:14		
B*15:02:04+B*35:10	B*15:25:01G+B*35:01:14		
B*15:02:04+B*35:62	B*15:144+B*35:01:14		
B*15:02:04+B*35:78	B*15:139+B*35:01:14		
B*15:02:04+B*35:93	B*15:121+B*35:01:14		
B*15:02:04+B*53:01:01	B*15:13+B*35:01:14		
B*15:02:04+B*53:13	B*15:89+B*35:01:14		
B*15:02:05+B*15:03:01G	B*15:25:02+B*15:64		
B*15:02:05+B*15:36	B*15:25:02+B*15:89		
B*15:02:05+B*15:56	B*15:08+B*15:25:02		
B*15:02:05+B*15:101	B*15:25:02+B*15:76		
B*15:02:05+B*15:152	B*15:11:01G+B*15:25:02		
B*15:02:05+B*18:12	B*15:25:02+B*18:01:01G		
B*15:02:05+B*18:52	B*15:194+B*18:20		
B*15:02:05+B*35:10	B*15:25:01G+B*35:01:04	B*15:25:02+B*35:01:01G	
B*15:02:05+B*35:13	B*15:25:02+B*35:03:01G		
B*15:02:05+B*35:16	B*15:25:02+B*35:17		
B*15:02:05+B*35:28	B*15:25:02+B*35:20:01		
B*15:02:05+B*35:62	B*15:144+B*35:01:04		
B*15:02:05+B*35:69	B*15:25:02+B*35:29		
B*15:02:05+B*35:78	B*15:139+B*35:01:04		

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B*15:02:05+B*35:80	B*15:25:01G+B*35:08:03	B*15:25:02+B*35:08:01		
B*15:02:05+B*35:93	B*15:121+B*35:01:04			
B*15:02:05+B*38:04	B*15:25:02+B*38:02:03			
B*15:02:05+B*39:02:01	B*15:25:02+B*39:39			
B*15:02:05+B*39:22	B*15:25:02+B*39:01:01G			
B*15:02:05+B*40:01:01G	B*15:25:02+B*40:25			
B*15:02:05+B*40:07	B*15:25:02+B*40:106			
B*15:02:05+B*44:02:01G	B*15:25:02+B*44:12			
B*15:02:05+B*44:54	B*15:55+B*44:79			
B*15:02:05+B*44:65	B*15:31+B*44:79			
B*15:02:05+B*51:21	B*15:121+B*51:01:16			
B*15:02:05+B*52:01:01G	B*15:25:02+B*51:07:02			
B*15:02:05+B*52:01:02	B*15:25:02+B*51:07:01			
B*15:02:05+B*52:06:02	B*15:25:01G+B*51:01:16	B*15:25:02+B*51:01:01G		
B*15:02:05+B*53:01:01	B*15:13+B*35:01:04			
B*15:02:05+B*53:11	B*15:89+B*35:08:03			
B*15:02:05+B*53:13	B*15:89+B*35:01:04			
B*15:02:05+B*53:24	B*15:13+B*35:08:03			
B*15:02:05+B*55:34	B*15:25:02+B*55:47			
B*15:02:05+B*55:40	B*15:25:02+B*55:01:01G			
B*15:03:01G+B*15:05:01	B*15:39:01+B*15:123:01G			
B*15:03:01G+B*15:05:02	B*15:39:02+B*15:123:01G			
B*15:03:01G+B*15:06	B*15:156+B*15:195			
B*15:03:01G+B*15:10:02	B*15:03:03+B*15:10:01			
B*15:03:01G+B*15:11:01G	B*15:03:03+B*15:11:04	B*15:64+B*15:152		
B*15:03:01G+B*15:20	B*15:05:02+B*15:62			
B*15:03:01G+B*15:21	B*15:18:01G+B*15:25:01G	B*15:18:02+B*15:25:02		
B*15:03:01G+B*15:27:01	B*15:54+B*15:195			
B*15:03:01G+B*15:44	B*15:25:01G+B*15:93			
B*15:03:01G+B*15:76	B*15:64+B*15:101			
B*15:03:01G+B*15:89	B*15:36+B*15:64			
B*15:03:01G+B*15:91	B*15:123:01G+B*15:131			
B*15:03:01G+B*15:109	B*15:27:01+B*15:98			
B*15:03:01G+B*15:117	B*15:40+B*15:54			
B*15:03:01G+B*15:161	B*15:18:01G+B*15:131			
B*15:03:01G+B*18:01:01G	B*15:64+B*18:12	B*15:123:01G+B*18:15		
B*15:03:01G+B*18:03	B*15:61+B*18:01:01G			
B*15:03:01G+B*18:07:01	B*15:29+B*18:12			
B*15:03:01G+B*18:13	B*15:123:01G+B*18:30			
B*15:03:01G+B*18:19	B*15:54+B*18:15			
B*15:03:01G+B*18:20	B*15:156+B*18:01:01G			
B*15:03:01G+B*18:33	B*15:18:01G+B*18:12			
B*15:03:01G+B*27:05:02G	B*15:123:01G+B*27:10			
B*15:03:01G+B*27:08	B*15:61+B*27:44	B*15:123:01G+B*27:40		
B*15:03:01G+B*27:25	B*15:54+B*27:63			
B*15:03:01G+B*27:45	B*15:47+B*27:38			
B*15:03:01G+B*27:50	B*15:131+B*27:05:03			
B*15:03:01G+B*27:61	B*15:123:01G+B*27:04:01G			
B*15:03:01G+B*35:01:01G	B*15:29+B*35:28	B*15:64+B*35:10	B*15:123:01G+B*35:11:01	
B*15:03:01G+B*35:03:01G	B*15:64+B*35:13			
B*15:03:01G+B*35:05:01	B*15:123:01G+B*35:58			
B*15:03:01G+B*35:08:01	B*15:64+B*35:80			
B*15:03:01G+B*35:14:01	B*15:54+B*35:11:01			
B*15:03:01G+B*35:14:02	B*15:54+B*35:11:02	B*15:62+B*35:43:01G		
B*15:03:01G+B*35:17	B*15:64+B*35:16			
B*15:03:01G+B*35:20:01	B*15:64+B*35:28			
B*15:03:01G+B*35:24:01	B*15:123:01G+B*35:21			
B*15:03:01G+B*35:29	B*15:61+B*35:01:01G	B*15:64+B*35:69		
B*15:03:01G+B*35:35	B*15:69+B*35:01:01G			
B*15:03:01G+B*35:45	B*15:131+B*35:08:01			
B*15:03:01G+B*35:62	B*15:54+B*35:01:01G	B*15:123:01G+B*35:14:01		
B*15:03:01G+B*35:69	B*15:61+B*35:10			
B*15:03:01G+B*35:71	B*15:91+B*35:11:01	B*15:131+B*35:01:01G		
B*15:03:01G+B*35:82	B*15:18:01G+B*35:28			
B*15:03:01G+B*35:85	B*15:133+B*35:28			
B*15:03:01G+B*35:103	B*15:98+B*35:01:01G			
B*15:03:01G+B*35:136	B*15:61+B*35:03:01G			
B*15:03:01G+B*37:01:01G	B*15:123:01G+B*37:13			
B*15:03:01G+B*38:02:03	B*15:64+B*38:04			
B*15:03:01G+B*38:14	B*15:23+B*39:02:01	B*15:61+B*38:01:01		
B*15:03:01G+B*39:01:01G	B*15:18:01G+B*39:02:01	B*15:61+B*39:05:01	B*15:64+B*39:22	B*15:123:01G+B*39:35
B*15:03:01G+B*39:01:09	B*15:18:01G+B*39:02:02			
B*15:03:01G+B*39:02:02	B*15:61+B*39:13:01			
B*15:03:01G+B*39:03	B*15:61+B*39:37			
B*15:03:01G+B*39:11	B*15:18:01G+B*39:08			
B*15:03:01G+B*39:13:02	B*15:03:03+B*39:13:01			
B*15:03:01G+B*39:15	B*15:61+B*39:55			
B*15:03:01G+B*39:39	B*15:64+B*39:02:01			
B*15:03:01G+B*39:42	B*15:80+B*39:02:01			
B*15:03:01G+B*39:58	B*15:29+B*39:02:01			
B*15:03:01G+B*40:02:04	B*15:03:03+B*40:02:01G			
B*15:03:01G+B*40:06:01G	B*15:123:01G+B*40:148			
B*15:03:01G+B*40:08	B*15:29+B*40:02:01G			
B*15:03:01G+B*40:09	B*15:156+B*40:18			
B*15:03:01G+B*40:10:02	B*15:03:03+B*40:10:01			
B*15:03:01G+B*40:25	B*15:64+B*40:01:01G			
B*15:03:01G+B*40:42	B*15:156+B*40:33			
B*15:03:01G+B*40:43	B*15:61+B*40:01:01G			
B*15:03:01G+B*40:50	B*15:61+B*40:02:01G			
B*15:03:01G+B*40:59	B*15:62+B*40:52			
B*15:03:01G+B*40:68	B*15:29+B*40:04			
B*15:03:01G+B*40:89	B*15:156+B*40:02:01G			
B*15:03:01G+B*40:106	B*15:29+B*40:01:01G	B*15:64+B*40:07		
B*15:03:01G+B*40:128	B*15:47+B*40:63			
B*15:03:01G+B*40:132	B*15:131+B*40:01:01G			
B*15:03:01G+B*44:02:01G	B*15:131+B*44:91	B*15:156+B*44:51		
B*15:03:01G+B*44:03:01G	B*15:123:01G+B*44:79	B*15:131+B*44:37	B*15:156+B*44:45	
B*15:03:01G+B*44:05:01	B*15:131+B*44:42			
B*15:03:01G+B*44:12	B*15:64+B*44:02:01G			
B*15:03:01G+B*44:21	B*15:131+B*44:16			
B*15:03:01G+B*44:28:02	B*15:123:01G+B*44:76			
B*15:03:01G+B*45:01:01G	B*15:131+B*45:04			
B*15:03:01G+B*46:01:01G	B*15:54+B*46:08			
B*15:03:01G+B*46:09	B*15:54+B*46:13:03	B*15:123:01G+B*46:01:01G		
B*15:03:01G+B*46:13:03	B*15:123:01G+B*46:08			

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B*15:03:01G+B*46:17	B*15:131+B*46:01:01G	
B*15:03:01G+B*48:01:01G	B*15:123:01G+B*48:15	
B*15:03:01G+B*48:06	B*15:29+B*48:01:01G	
B*15:03:01G+B*48:19	B*15:54+B*48:01:01G	
B*15:03:01G+B*49:11	B*15:123:01G+B*49:01:01	
B*15:03:01G+B*50:02	B*15:131+B*50:01:01	
B*15:03:01G+B*50:11	B*15:173+B*50:01:01	
B*15:03:01G+B*51:01:01G	B*15:29+B*52:01:02	B*15:64+B*52:06:02
B*15:03:01G+B*51:01:02	B*15:29+B*52:01:01G	
B*15:03:01G+B*51:02:02	B*15:29+B*52:11	
B*15:03:01G+B*51:07:01	B*15:64+B*52:01:02	
B*15:03:01G+B*51:07:02	B*15:64+B*52:01:01G	
B*15:03:01G+B*51:09:01	B*15:123:01G+B*51:01:01G	
B*15:03:01G+B*51:09:02	B*15:29+B*52:10	B*15:123:01G+B*51:01:02
B*15:03:01G+B*51:20	B*15:61+B*51:08	
B*15:03:01G+B*51:22	B*15:18:01G+B*52:01:02	
B*15:03:01G+B*51:23	B*15:131+B*51:02:01	
B*15:03:01G+B*51:31	B*15:123:01G+B*51:16	
B*15:03:01G+B*51:77	B*15:132+B*51:01:01G	
B*15:03:01G+B*51:82	B*15:47+B*51:01:01G	
B*15:03:01G+B*51:101	B*15:69+B*51:01:01G	
B*15:03:01G+B*51:104	B*15:29+B*52:02	
B*15:03:01G+B*52:10	B*15:123:01G+B*52:01:01G	
B*15:03:01G+B*52:15	B*15:131+B*52:01:01G	
B*15:03:01G+B*52:21	B*15:54+B*52:01:02	
B*15:03:01G+B*53:01:01	B*15:123:01G+B*53:08:01	
B*15:03:01G+B*53:01:03	B*15:123:01G+B*53:08:02	
B*15:03:01G+B*53:06	B*15:62+B*51:45	
B*15:03:01G+B*53:23	B*15:61+B*53:01:01	
B*15:03:01G+B*54:10	B*15:123:01G+B*54:20	
B*15:03:01G+B*55:01:01G	B*15:61+B*55:31	B*15:64+B*55:40
B*15:03:01G+B*55:02:01G	B*15:123:01G+B*55:01:01G	
B*15:03:01G+B*55:09	B*15:47+B*56:25	
B*15:03:01G+B*55:21	B*15:54+B*55:01:01G	
B*15:03:01G+B*55:22	B*15:123:01G+B*55:24	
B*15:03:01G+B*55:41	B*15:156+B*55:02:01G	
B*15:03:01G+B*55:47	B*15:64+B*55:34	
B*15:03:01G+B*56:01:01G	B*15:123:01G+B*56:25	
B*15:03:01G+B*57:01:01G	B*15:03:03+B*57:01:09	B*15:123:01G+B*57:22
B*15:03:01G+B*57:07	B*15:131+B*57:03:01	
B*15:03:01G+B*58:01:01G	B*15:123:01G+B*58:19	
B*15:03:01G+B*58:02	B*15:123:01G+B*58:06	
B*15:03:01G+B*58:07	B*15:91+B*58:06	B*15:131+B*58:02
B*15:03:01G+B*78:01	B*15:61+B*78:02:02	
B*15:03:01G+B*78:02:01	B*15:29+B*78:05	
B*15:03:03+B*39:02:02	B*15:61+B*39:13:02	
B*15:03:03+B*40:08	B*15:29+B*40:02:04	
B*15:03:03+B*40:50	B*15:61+B*40:02:04	
B*15:03:03+B*40:89	B*15:156+B*40:02:04	
B*15:04+B*15:107	B*15:78:02+B*15:155	
B*15:04+B*15:123:01G	B*15:54+B*15:155	
B*15:04+B*15:185	B*15:38:01+B*15:155	
B*15:04+B*18:01:01G	B*15:155+B*18:19	
B*15:04+B*35:01:01G	B*15:155+B*35:14:01	
B*15:04+B*35:01:04	B*15:154+B*35:37	
B*15:04+B*35:04:02	B*15:85+B*78:04	
B*15:04+B*35:05:01	B*15:07:01G+B*35:37	
B*15:04+B*38:14	B*15:24+B*39:06:02	
B*15:04+B*39:01:05	B*15:155+B*39:18	
B*15:04+B*39:03	B*15:07:01G+B*39:06:02	
B*15:04+B*39:09	B*15:32+B*39:06:02	
B*15:04+B*39:28	B*15:35+B*39:06:02	
B*15:04+B*39:42	B*15:154+B*39:06:02	
B*15:04+B*39:48	B*15:38:01+B*39:06:02	
B*15:04+B*40:02:01G	B*15:07:01G+B*40:06:01G	
B*15:04+B*40:02:07	B*15:07:01G+B*40:06:02	
B*15:04+B*40:18	B*15:07:01G+B*40:44	
B*15:04+B*40:99	B*15:165+B*40:70	
B*15:04+B*40:120	B*15:85+B*40:44	
B*15:04+B*40:157	B*15:07:01G+B*40:96	
B*15:04+B*41:03:02	B*15:35+B*41:01	
B*15:04+B*42:01:01	B*15:07:01G+B*42:04	
B*15:04+B*44:02:01G	B*15:154+B*44:20	
B*15:04+B*44:03:01G	B*15:154+B*44:47	
B*15:04+B*44:54	B*15:07:01G+B*44:47	
B*15:04+B*44:106	B*15:07:01G+B*44:20	
B*15:04+B*46:13:01	B*15:155+B*46:01:03	
B*15:04+B*46:13:03	B*15:155+B*46:01:01G	
B*15:04+B*51:64	B*15:07:01G+B*51:01:01G	B*15:45+B*51:63
B*15:04+B*51:81	B*15:07:01G+B*51:10	
B*15:04+B*55:02:01G	B*15:155+B*55:21	
B*15:05:01+B*15:27:03	B*15:05:02+B*15:27:01	
B*15:05:01+B*15:37	B*15:10:01+B*15:185	
B*15:05:01+B*15:38:02	B*15:05:02+B*15:38:01	
B*15:05:01+B*15:39:02	B*15:05:02+B*15:39:01	
B*15:05:01+B*15:108	B*15:18:01G+B*15:136	
B*15:05:01+B*15:131	B*15:39:01+B*15:91	
B*15:05:01+B*15:141	B*15:35+B*15:107	
B*15:05:01+B*15:150	B*15:30+B*15:107	
B*15:05:01+B*18:01:01G	B*15:185+B*18:11	
B*15:05:01+B*18:15	B*15:39:01+B*18:01:01G	
B*15:05:01+B*18:20	B*15:31+B*18:12	
B*15:05:01+B*18:30	B*15:39:01+B*18:13	B*15:65+B*18:01:01G
B*15:05:01+B*18:50	B*15:185+B*18:10	
B*15:05:01+B*27:04:01G	B*15:39:01+B*27:61	
B*15:05:01+B*27:10	B*15:39:01+B*27:05:02G	B*15:40+B*27:38
B*15:05:01+B*27:28	B*15:185+B*27:71	
B*15:05:01+B*27:40	B*15:39:01+B*27:08	
B*15:05:01+B*35:03:01G	B*15:05:02+B*35:03:02	
B*15:05:01+B*35:11:01	B*15:05:02+B*35:11:02	B*15:39:01+B*35:01:01G
B*15:05:01+B*35:21	B*15:39:01+B*35:24:01	B*15:185+B*35:11:01
B*15:05:01+B*35:24:01	B*15:185+B*35:01:01G	
B*15:05:01+B*35:35	B*15:136+B*35:93	
B*15:05:01+B*35:37	B*15:155+B*35:68:02	
B*15:05:01+B*35:38	B*15:179+B*35:03:02	

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B*15:05:01+B*35:58	B*15:39:01+B*35:05:01		
B*15:05:01+B*35:81	B*15:185+B*35:02:01		
B*15:05:01+B*35:109	B*15:185+B*35:03:01G		
B*15:05:01+B*35:118	B*15:107+B*35:43:01G		
B*15:05:01+B*37:04:01	B*15:185+B*37:01:01G		
B*15:05:01+B*37:13	B*15:39:01+B*37:01:01G		
B*15:05:01+B*38:01:01	B*15:05:02+B*38:01:03		
B*15:05:01+B*39:01:01G	B*15:05:02+B*39:01:05	B*15:136+B*39:30	
B*15:05:01+B*39:06:02	B*15:136+B*39:34	B*15:155+B*39:01:01G	
B*15:05:01+B*39:34	B*15:155+B*39:30		
B*15:05:01+B*39:35	B*15:39:01+B*39:01:01G	B*15:39:02+B*39:01:05	
B*15:05:01+B*39:48	B*15:185+B*39:01:01G		
B*15:05:01+B*39:50	B*15:155+B*39:47		
B*15:05:01+B*39:57	B*15:155+B*39:53		
B*15:05:01+B*40:01:01G	B*15:107+B*40:87		
B*15:05:01+B*40:06:01G	B*15:155+B*40:11:01		
B*15:05:01+B*40:14:01	B*15:05:02+B*40:14:02		
B*15:05:01+B*40:23	B*15:65+B*40:114		
B*15:05:01+B*40:113	B*15:185+B*40:01:01G		
B*15:05:01+B*40:136	B*15:179+B*40:14:02		
B*15:05:01+B*40:148	B*15:39:01+B*40:06:01G		
B*15:05:01+B*44:02:01G	B*15:05:02+B*44:02:09		
B*15:05:01+B*44:12	B*15:31+B*44:51		
B*15:05:01+B*44:20	B*15:155+B*44:41		
B*15:05:01+B*44:29	B*15:136+B*44:03:01G		
B*15:05:01+B*44:47	B*15:155+B*44:65		
B*15:05:01+B*44:76	B*15:39:01+B*44:28:02	B*15:65+B*44:03:01G	
B*15:05:01+B*44:79	B*15:39:01+B*44:03:01G		
B*15:05:01+B*44:89	B*15:136+B*44:02:01G		
B*15:05:01+B*46:03	B*15:65+B*46:21:01		
B*15:05:01+B*46:05	B*15:125+B*46:13:03		
B*15:05:01+B*46:08	B*15:39:01+B*46:13:03		
B*15:05:01+B*46:10	B*15:183+B*46:13:03		
B*15:05:01+B*46:12	B*15:07:01G+B*46:13:03		
B*15:05:01+B*46:13:01	B*15:05:02+B*46:13:03		
B*15:05:01+B*46:17	B*15:14+B*46:13:03		
B*15:05:01+B*46:19	B*15:136+B*46:13:03		
B*15:05:01+B*46:21:02	B*15:05:02+B*46:21:01		
B*15:05:01+B*48:15	B*15:39:01+B*48:01:01G		
B*15:05:01+B*49:01:01	B*15:39:01+B*49:11		
B*15:05:01+B*49:07	B*15:40+B*49:11		
B*15:05:01+B*49:09	B*15:185+B*49:01:01		
B*15:05:01+B*51:01:01G	B*15:39:01+B*51:09:01	B*15:155+B*51:06	B*15:185+B*51:02:01
B*15:05:01+B*51:01:02	B*15:39:01+B*51:09:02	B*15:185+B*51:02:02	
B*15:05:01+B*51:01:04	B*15:185+B*51:02:04		
B*15:05:01+B*51:02:01	B*15:39:02+B*51:40	B*15:155+B*51:59	
B*15:05:01+B*51:06	B*15:185+B*51:59		
B*15:05:01+B*51:16	B*15:39:01+B*51:31	B*15:40+B*51:09:01	B*15:185+B*51:34
B*15:05:01+B*51:19	B*15:136+B*51:09:01		
B*15:05:01+B*51:24:04	B*15:05:02+B*51:24:03	B*15:107+B*51:01:01G	
B*15:05:01+B*51:29	B*15:65+B*51:09:01		
B*15:05:01+B*51:61	B*15:38:01+B*51:40		
B*15:05:01+B*51:82	B*15:65+B*51:31		
B*15:05:01+B*51:101	B*15:136+B*51:21		
B*15:05:01+B*52:01:01G	B*15:39:01+B*52:10	B*15:185+B*52:11	
B*15:05:01+B*52:08	B*15:40+B*52:10		
B*15:05:01+B*52:21	B*15:38:01+B*52:03		
B*15:05:01+B*53:01:01	B*15:05:02+B*53:01:03		
B*15:05:01+B*53:02	B*15:185+B*53:01:01		
B*15:05:01+B*53:08:01	B*15:05:02+B*53:08:02	B*15:39:01+B*53:01:01	B*15:39:02+B*53:01:03
B*15:05:01+B*53:08:02	B*15:39:01+B*53:01:03		
B*15:05:01+B*54:20	B*15:39:01+B*54:10	B*15:65+B*54:01:01G	
B*15:05:01+B*55:01:01G	B*15:39:01+B*55:02:01G		
B*15:05:01+B*55:02:01G	B*15:155+B*56:10		
B*15:05:01+B*55:09	B*15:65+B*55:22		
B*15:05:01+B*55:24	B*15:39:01+B*55:22	B*15:40+B*56:01:01G	
B*15:05:01+B*56:01:01G	B*15:05:02+B*56:01:03	B*15:155+B*56:02	
B*15:05:01+B*56:13	B*15:179+B*56:01:03		
B*15:05:01+B*56:25	B*15:39:01+B*56:01:01G	B*15:39:02+B*56:01:03	
B*15:05:01+B*56:27	B*15:155+B*56:04		
B*15:05:01+B*57:22	B*15:39:01+B*57:01:01G		
B*15:05:01+B*58:01:01G	B*15:05:02+B*58:01:05		
B*15:05:01+B*58:06	B*15:39:01+B*58:02		
B*15:05:01+B*58:09	B*15:185+B*58:01:01G		
B*15:05:01+B*58:19	B*15:39:01+B*58:01:01G	B*15:39:02+B*58:01:05	
B*15:05:01+B*67:03	B*15:107+B*67:01:01		
B*15:05:02+B*15:131	B*15:39:02+B*15:91		
B*15:05:02+B*18:15	B*15:39:02+B*18:01:01G		
B*15:05:02+B*18:19	B*15:38:02+B*18:11		
B*15:05:02+B*18:30	B*15:39:02+B*18:13		
B*15:05:02+B*27:04:01G	B*15:39:02+B*27:61		
B*15:05:02+B*27:10	B*15:39:02+B*27:05:02G		
B*15:05:02+B*27:40	B*15:39:02+B*27:08		
B*15:05:02+B*35:09:02	B*15:107+B*35:04:01		
B*15:05:02+B*35:11:01	B*15:39:02+B*35:01:01G		
B*15:05:02+B*35:14:01	B*15:39:02+B*35:62		
B*15:05:02+B*35:21	B*15:39:02+B*35:24:01		
B*15:05:02+B*35:38	B*15:179+B*35:03:01G		
B*15:05:02+B*35:58	B*15:39:02+B*35:05:01		
B*15:05:02+B*35:64	B*15:107+B*35:01:01G		
B*15:05:02+B*35:114	B*15:107+B*35:05:01		
B*15:05:02+B*35:115	B*15:179+B*35:01:01G		
B*15:05:02+B*37:13	B*15:39:02+B*37:01:01G		
B*15:05:02+B*39:35	B*15:39:02+B*39:01:01G		
B*15:05:02+B*40:14:03	B*15:107+B*40:121		
B*15:05:02+B*40:59	B*15:20+B*40:52		
B*15:05:02+B*40:136	B*15:179+B*40:14:01		
B*15:05:02+B*40:148	B*15:39:02+B*40:06:01G		
B*15:05:02+B*44:02:01G	B*15:179+B*44:03:01G		
B*15:05:02+B*44:02:07	B*15:179+B*44:03:02		
B*15:05:02+B*44:06	B*15:179+B*51:42		
B*15:05:02+B*44:08	B*15:179+B*44:57		
B*15:05:02+B*44:09	B*15:179+B*44:46		
B*15:05:02+B*44:16	B*15:179+B*44:64:02		
B*15:05:02+B*44:17	B*15:179+B*44:43:01		

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B*15:05:02+B*44:20	B*15:179+B*44:47	
B*15:05:02+B*44:22	B*15:179+B*44:105	
B*15:05:02+B*44:41	B*15:179+B*44:65	
B*15:05:02+B*44:44	B*15:179+B*44:40	
B*15:05:02+B*44:51	B*15:179+B*44:45	
B*15:05:02+B*44:67	B*15:179+B*44:13	
B*15:05:02+B*44:76	B*15:39:02+B*44:28:02	
B*15:05:02+B*44:79	B*15:39:02+B*44:03:01G	
B*15:05:02+B*44:89	B*15:179+B*44:29	
B*15:05:02+B*44:91	B*15:179+B*44:37	
B*15:05:02+B*44:95	B*15:179+B*44:50	
B*15:05:02+B*44:106	B*15:179+B*44:54	
B*15:05:02+B*46:03	B*15:65+B*46:21:02	
B*15:05:02+B*46:05	B*15:125+B*46:13:01	
B*15:05:02+B*46:08	B*15:39:01+B*46:13:01	B*15:39:02+B*46:13:03
B*15:05:02+B*46:10	B*15:183+B*46:13:01	
B*15:05:02+B*46:12	B*15:07:01G+B*46:13:01	
B*15:05:02+B*46:17	B*15:14+B*46:13:01	
B*15:05:02+B*46:19	B*15:136+B*46:13:01	
B*15:05:02+B*48:10	B*15:107+B*48:12	
B*15:05:02+B*48:15	B*15:39:02+B*48:01:01G	
B*15:05:02+B*49:01:01	B*15:39:02+B*49:11	
B*15:05:02+B*51:01:01G	B*15:39:02+B*51:09:01	
B*15:05:02+B*51:01:02	B*15:39:02+B*51:09:02	
B*15:05:02+B*51:08	B*15:179+B*51:09:01	
B*15:05:02+B*51:16	B*15:39:02+B*51:31	
B*15:05:02+B*51:24:02	B*15:107+B*51:01:04	
B*15:05:02+B*52:01:01G	B*15:39:02+B*52:10	
B*15:05:02+B*52:19	B*15:179+B*52:10	
B*15:05:02+B*52:21	B*15:38:02+B*52:03	
B*15:05:02+B*53:06	B*15:20+B*51:45	
B*15:05:02+B*53:08:01	B*15:39:02+B*53:01:01	
B*15:05:02+B*54:20	B*15:39:02+B*54:10	
B*15:05:02+B*55:01:01G	B*15:39:02+B*55:02:01G	
B*15:05:02+B*55:24	B*15:39:02+B*55:22	
B*15:05:02+B*56:13	B*15:179+B*56:01:01G	
B*15:05:02+B*56:25	B*15:39:02+B*56:01:01G	
B*15:05:02+B*57:22	B*15:39:02+B*57:01:01G	
B*15:05:02+B*57:24	B*15:179+B*57:01:01G	
B*15:05:02+B*58:06	B*15:39:02+B*58:02	
B*15:05:02+B*58:19	B*15:39:02+B*58:01:01G	
B*15:06+B*15:54	B*15:27:01+B*15:156	
B*15:06+B*15:154	B*15:25:01G+B*15:27:02	B*15:25:02+B*15:27:01
B*15:06+B*18:01:01G	B*15:195+B*18:20	
B*15:06+B*40:02:01G	B*15:195+B*40:89	
B*15:06+B*40:18	B*15:195+B*40:09	
B*15:06+B*40:33	B*15:195+B*40:42	
B*15:06+B*44:45	B*15:195+B*44:03:01G	
B*15:06+B*44:51	B*15:195+B*44:02:01G	
B*15:06+B*55:02:01G	B*15:195+B*55:41	
B*15:07:01G+B*15:10:01	B*15:18:01G+B*15:45	
B*15:07:01G+B*18:02	B*15:129+B*18:14	
B*15:07:01G+B*18:03	B*15:70+B*18:14	
B*15:07:01G+B*18:07:01	B*15:56+B*18:14	
B*15:07:01G+B*18:08	B*15:110+B*18:14	
B*15:07:01G+B*18:18	B*15:32+B*18:14	
B*15:07:01G+B*18:20	B*15:128+B*18:14	
B*15:07:01G+B*18:26	B*15:30+B*18:14	
B*15:07:01G+B*18:31	B*15:145+B*18:14	
B*15:07:01G+B*18:32	B*15:192+B*18:14	
B*15:07:01G+B*18:33	B*15:66+B*18:14	
B*15:07:01G+B*18:40	B*15:78:01+B*18:14	
B*15:07:01G+B*18:49	B*15:135+B*18:14	
B*15:07:01G+B*27:05:02G	B*15:129+B*27:32	
B*15:07:01G+B*27:19	B*15:154+B*27:32	
B*15:07:01G+B*35:04:01	B*15:85+B*35:22	
B*15:07:01G+B*35:12:01	B*15:154+B*35:22	
B*15:07:01G+B*35:23	B*15:27:01+B*35:30	
B*15:07:01G+B*35:34	B*15:45+B*35:01:01G	
B*15:07:01G+B*35:41	B*15:126+B*35:01:01G	
B*15:07:01G+B*35:48	B*15:32+B*35:30	
B*15:07:01G+B*38:14	B*15:24+B*39:03	B*15:70+B*38:19
B*15:07:01G+B*38:17	B*15:43+B*39:37	
B*15:07:01G+B*38:20	B*15:154+B*38:19	
B*15:07:01G+B*39:09	B*15:32+B*39:03	
B*15:07:01G+B*39:28	B*15:35+B*39:03	
B*15:07:01G+B*39:42	B*15:154+B*39:03	
B*15:07:01G+B*39:48	B*15:38:01+B*39:03	
B*15:07:01G+B*39:53	B*15:193+B*39:03	
B*15:07:01G+B*40:02:01G	B*15:45+B*40:105	
B*15:07:01G+B*40:07	B*15:56+B*40:80	
B*15:07:01G+B*40:18	B*15:45+B*40:03	
B*15:07:01G+B*40:25	B*15:15+B*40:80	
B*15:07:01G+B*40:42	B*15:128+B*40:31	
B*15:07:01G+B*40:43	B*15:70+B*40:80	
B*15:07:01G+B*40:61	B*15:152+B*40:80	
B*15:07:01G+B*40:64	B*15:154+B*40:02:09	
B*15:07:01G+B*40:67	B*15:145+B*40:80	
B*15:07:01G+B*40:69	B*15:28+B*40:80	
B*15:07:01G+B*40:79	B*15:159+B*40:80	
B*15:07:01G+B*40:100	B*15:27:01+B*40:80	
B*15:07:01G+B*40:106	B*15:08+B*40:80	
B*15:07:01G+B*40:113	B*15:38:01+B*40:80	
B*15:07:01G+B*40:117	B*15:24+B*40:80	
B*15:07:01G+B*40:120	B*15:85+B*40:18	
B*15:07:01G+B*40:132	B*15:14+B*40:80	
B*15:07:01G+B*44:02:01G	B*15:154+B*44:106	
B*15:07:01G+B*44:103	B*15:71+B*44:110	
B*15:07:01G+B*44:105	B*15:125+B*44:110	
B*15:07:01G+B*44:107	B*15:45+B*44:43:01	
B*15:07:01G+B*46:05	B*15:125+B*46:12	
B*15:07:01G+B*46:08	B*15:39:01+B*46:12	
B*15:07:01G+B*46:10	B*15:183+B*46:12	
B*15:07:01G+B*46:17	B*15:14+B*46:12	
B*15:07:01G+B*46:19	B*15:136+B*46:12	

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B*15:07:01G+B*48:02:01	B*15:20+B*15:68	
B*15:07:01G+B*48:21	B*15:129+B*48:01:01G	
B*15:07:01G+B*51:08	B*15:45+B*51:97	
B*15:07:01G+B*51:90	B*15:45+B*51:37	
B*15:08+B*15:36	B*15:56+B*15:89	
B*15:08+B*15:61	B*15:29+B*15:70	
B*15:08+B*15:62	B*15:29+B*15:85	
B*15:08+B*15:64	B*15:15+B*15:29	
B*15:08+B*15:98	B*15:29+B*15:163	
B*15:08+B*15:101	B*15:56+B*15:76	
B*15:08+B*15:131	B*15:14+B*15:29	
B*15:08+B*15:152	B*15:11:01G+B*15:56	
B*15:08+B*15:156	B*15:29+B*15:128	
B*15:08+B*18:01:01G	B*15:15+B*18:07:01	
B*15:08+B*35:10	B*15:56+B*35:01:01G	
B*15:08+B*35:13	B*15:56+B*35:03:01G	
B*15:08+B*35:16	B*15:56+B*35:17	
B*15:08+B*35:20:01	B*15:15+B*35:01:01G	
B*15:08+B*35:69	B*15:56+B*35:29	
B*15:08+B*35:72	B*15:15+B*35:05:01	
B*15:08+B*35:76	B*15:76+B*35:01:01G	
B*15:08+B*35:80	B*15:56+B*35:08:01	
B*15:08+B*35:95	B*15:15+B*35:02:01	
B*15:08+B*37:01:01G	B*15:15+B*37:21	
B*15:08+B*38:04	B*15:56+B*38:02:03	
B*15:08+B*39:22	B*15:56+B*39:01:01G	B*15:66+B*39:58
B*15:08+B*39:39	B*15:15+B*39:58	
B*15:08+B*40:07	B*15:56+B*40:106	
B*15:08+B*40:19	B*15:15+B*40:13	B*15:24+B*40:08
B*15:08+B*40:25	B*15:15+B*40:106	
B*15:08+B*40:37	B*15:135+B*40:08	
B*15:08+B*40:43	B*15:70+B*40:106	
B*15:08+B*40:50	B*15:70+B*40:08	
B*15:08+B*40:61	B*15:11:01G+B*40:07	B*15:152+B*40:106
B*15:08+B*40:67	B*15:145+B*40:106	
B*15:08+B*40:69	B*15:28+B*40:106	
B*15:08+B*40:79	B*15:159+B*40:106	
B*15:08+B*40:89	B*15:128+B*40:08	
B*15:08+B*40:100	B*15:27:01+B*40:106	
B*15:08+B*40:113	B*15:38:01+B*40:106	
B*15:08+B*40:117	B*15:24+B*40:106	
B*15:08+B*40:132	B*15:14+B*40:106	
B*15:08+B*40:143	B*15:27:02+B*40:08	
B*15:08+B*44:02:01G	B*15:56+B*44:12	
B*15:08+B*46:01:01G	B*15:11:01G+B*46:16	
B*15:08+B*48:18	B*15:87+B*48:06	
B*15:08+B*51:01:01G	B*35:43:01G+B*51:104	
B*15:08+B*51:07:01	B*15:15+B*51:01:01G	
B*15:08+B*51:07:02	B*15:15+B*51:01:02	
B*15:08+B*51:16	B*35:86+B*51:104	
B*15:08+B*51:22	B*35:135+B*51:104	
B*15:08+B*51:24:04	B*35:118+B*51:104	
B*15:08+B*52:06:02	B*15:56+B*51:01:01G	
B*15:08+B*52:08	B*15:117+B*51:01:02	
B*15:08+B*52:09	B*15:87+B*78:02:02	
B*15:08+B*52:15	B*15:14+B*51:01:02	
B*15:08+B*53:09	B*15:15+B*53:13	
B*15:08+B*55:34	B*15:56+B*55:47	
B*15:08+B*55:40	B*15:56+B*55:01:01G	
B*15:08+B*56:06	B*15:76+B*78:02:02	
B*15:08+B*78:06	B*15:135+B*78:02:01	
B*15:08+B*81:01:01G	B*15:11:01G+B*81:05	B*15:76+B*48:06
B*15:09+B*35:01:01G	B*15:18:01G+B*35:04:02	
B*15:09+B*35:03:01G	B*15:133+B*35:04:02	
B*15:09+B*35:34	B*15:10:01+B*35:04:02	
B*15:09+B*35:71	B*15:161+B*35:04:02	
B*15:09+B*35:93	B*15:93+B*35:04:02	
B*15:09+B*40:33	B*15:10:01+B*40:01:06	
B*15:09+B*40:52	B*15:18:01G+B*40:01:06	
B*15:09+B*44:17	B*15:18:01G+B*44:62	
B*15:09+B*51:45	B*15:18:01G+B*51:06	
B*15:09+B*51:92	B*15:10:01+B*51:13:02	B*15:133+B*51:01:01G
B*15:09+B*53:01:01	B*15:23+B*35:04:02	
B*15:09+B*53:12	B*15:115+B*35:04:02	
B*15:10:01+B*15:11:01G	B*15:10:02+B*15:11:04	
B*15:10:01+B*15:14	B*15:63+B*15:161	
B*15:10:01+B*15:24	B*15:23+B*15:63	
B*15:10:01+B*15:50	B*15:63+B*15:93	
B*15:10:01+B*15:58	B*15:30+B*15:133	
B*15:10:01+B*15:65	B*15:39:01+B*15:99	
B*15:10:01+B*15:78:01	B*15:63+B*15:72	
B*15:10:01+B*15:145	B*15:63+B*15:176	
B*15:10:01+B*15:154	B*15:63+B*15:80	
B*15:10:01+B*18:01:01G	B*15:37+B*18:11	
B*15:10:01+B*18:13	B*15:99+B*18:01:01G	
B*15:10:01+B*18:30	B*15:99+B*18:15	
B*15:10:01+B*18:50	B*15:37+B*18:10	
B*15:10:01+B*27:28	B*15:37+B*27:71	
B*15:10:01+B*27:45	B*15:99+B*27:05:02G	
B*15:10:01+B*35:01:01G	B*15:18:01G+B*35:34	
B*15:10:01+B*35:03:01G	B*15:133+B*35:34	
B*15:10:01+B*35:06	B*15:133+B*35:04:01	
B*15:10:01+B*35:08:01	B*15:99+B*35:01:01G	
B*15:10:01+B*35:08:03	B*15:99+B*35:01:04	
B*15:10:01+B*35:18	B*15:99+B*35:09:02	
B*15:10:01+B*35:21	B*15:37+B*35:11:01	
B*15:10:01+B*35:24:01	B*15:37+B*35:01:01G	
B*15:10:01+B*35:45	B*15:99+B*35:71	
B*15:10:01+B*35:59	B*15:133+B*35:12:01	
B*15:10:01+B*35:71	B*15:161+B*35:34	
B*15:10:01+B*35:80	B*15:99+B*35:10	
B*15:10:01+B*35:81	B*15:37+B*35:02:01	
B*15:10:01+B*35:93	B*15:93+B*35:34	
B*15:10:01+B*35:109	B*15:37+B*35:03:01G	
B*15:10:01+B*35:142	B*15:99+B*35:124	

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B*15:10:01+B*37:04:01	B*15:37+B*37:01:01G			
B*15:10:01+B*39:03	B*15:133+B*39:14			
B*15:10:01+B*39:11	B*15:99+B*39:05:01			
B*15:10:01+B*39:13:02	B*15:10:02+B*39:13:01			
B*15:10:01+B*39:48	B*15:37+B*39:01:01G			
B*15:10:01+B*40:02:04	B*15:10:02+B*40:02:01G			
B*15:10:01+B*40:03	B*15:18:01G+B*40:18			
B*15:10:01+B*40:10:02	B*15:10:02+B*40:10:01			
B*15:10:01+B*40:36	B*15:133+B*40:01:01G			
B*15:10:01+B*40:38	B*15:18:01G+B*40:01:01G			
B*15:10:01+B*40:52	B*15:18:01G+B*40:33			
B*15:10:01+B*40:86	B*15:133+B*40:06:01G			
B*15:10:01+B*40:105	B*15:18:01G+B*40:02:01G	B*15:52+B*40:05	B*15:72+B*40:35	
B*15:10:01+B*40:113	B*15:37+B*40:01:01G			
B*15:10:01+B*40:128	B*15:99+B*40:01:01G			
B*15:10:01+B*42:06	B*15:133+B*42:01:01			
B*15:10:01+B*44:28:01	B*15:99+B*44:03:02			
B*15:10:01+B*44:28:02	B*15:99+B*44:03:01G			
B*15:10:01+B*44:43:01	B*15:18:01G+B*44:107			
B*15:10:01+B*44:76	B*15:99+B*44:79			
B*15:10:01+B*45:05	B*15:90+B*45:01:01G			
B*15:10:01+B*48:07	B*15:133+B*48:01:01G			
B*15:10:01+B*49:09	B*15:37+B*49:01:01			
B*15:10:01+B*51:01:01G	B*15:37+B*51:02:01			
B*15:10:01+B*51:01:02	B*15:37+B*51:02:02			
B*15:10:01+B*51:01:04	B*15:37+B*51:02:04			
B*15:10:01+B*51:06	B*15:37+B*51:59			
B*15:10:01+B*51:13:01	B*15:133+B*51:01:04			
B*15:10:01+B*51:16	B*15:37+B*51:34			
B*15:10:01+B*51:29	B*15:99+B*51:01:01G			
B*15:10:01+B*51:37	B*15:18:01G+B*51:90			
B*15:10:01+B*51:63	B*15:18:01G+B*51:01:01G	B*15:18:02+B*51:01:16	B*15:23+B*78:02:02	B*15:29+B*51:22
B*15:10:01+B*51:82	B*15:99+B*51:16			
B*15:10:01+B*51:97	B*15:18:01G+B*51:08	B*15:51+B*51:01:01G		
B*15:10:01+B*52:01:01G	B*15:37+B*52:11			
B*15:10:01+B*52:14	B*15:133+B*52:01:05			
B*15:10:01+B*53:01:01	B*15:23+B*35:34			
B*15:10:01+B*53:02	B*15:37+B*53:01:01			
B*15:10:01+B*53:11	B*15:99+B*53:13			
B*15:10:01+B*53:12	B*15:115+B*35:34			
B*15:10:01+B*53:16	B*15:99+B*53:05			
B*15:10:01+B*53:24	B*15:99+B*53:01:01			
B*15:10:01+B*54:10	B*15:99+B*54:01:01G			
B*15:10:01+B*55:09	B*15:99+B*55:24			
B*15:10:01+B*55:32	B*15:93+B*56:15			
B*15:10:01+B*55:37	B*15:99+B*55:02:01G			
B*15:10:01+B*56:22	B*15:133+B*56:15			
B*15:10:01+B*57:01:01G	B*15:10:02+B*57:01:09			
B*15:10:01+B*57:02:01	B*15:99+B*57:03:01			
B*15:10:01+B*57:19	B*15:99+B*57:01:01G			
B*15:10:01+B*58:09	B*15:37+B*58:01:01G			
B*15:10:01+B*58:22	B*15:99+B*58:01:01G			
B*15:10:02+B*40:105	B*15:18:01G+B*40:02:04			
B*15:11:01G+B*15:18:02	B*15:11:03+B*15:18:01G			
B*15:11:01G+B*15:27:01	B*15:11:03+B*15:27:02			
B*15:11:01G+B*15:36	B*15:89+B*15:152			
B*15:11:01G+B*15:101	B*15:76+B*15:152			
B*15:11:01G+B*18:01:06	B*15:11:03+B*18:01:01G			
B*15:11:01G+B*18:12	B*15:152+B*18:01:01G			
B*15:11:01G+B*35:01:01G	B*15:11:03+B*35:01:04			
B*15:11:01G+B*35:08:01	B*15:11:03+B*35:08:03			
B*15:11:01G+B*35:10	B*15:152+B*35:01:01G			
B*15:11:01G+B*35:12:02	B*15:11:03+B*35:12:01			
B*15:11:01G+B*35:13	B*15:152+B*35:03:01G			
B*15:11:01G+B*35:16	B*15:152+B*35:17			
B*15:11:01G+B*35:28	B*15:152+B*35:20:01			
B*15:11:01G+B*35:47	B*15:143+B*35:46			
B*15:11:01G+B*35:68:01	B*15:11:03+B*35:68:02			
B*15:11:01G+B*35:69	B*15:152+B*35:29			
B*15:11:01G+B*35:80	B*15:152+B*35:08:01			
B*15:11:01G+B*38:04	B*15:152+B*38:02:03			
B*15:11:01G+B*39:02:01	B*15:152+B*39:39			
B*15:11:01G+B*39:06:02	B*15:11:03+B*39:06:01			
B*15:11:01G+B*39:13:01	B*15:11:04+B*39:13:02			
B*15:11:01G+B*39:22	B*15:152+B*39:01:01G			
B*15:11:01G+B*40:01:01G	B*15:15+B*40:61	B*15:152+B*40:25		
B*15:11:01G+B*40:01:04	B*15:11:03+B*40:01:01G			
B*15:11:01G+B*40:02:01G	B*15:11:04+B*40:02:04			
B*15:11:01G+B*40:02:09	B*15:11:03+B*40:02:01G			
B*15:11:01G+B*40:10:01	B*15:11:04+B*40:10:02			
B*15:11:01G+B*40:11:02	B*15:11:03+B*40:11:01			
B*15:11:01G+B*40:66	B*15:148+B*40:01:01G			
B*15:11:01G+B*40:124:01	B*15:11:03+B*40:124:02			
B*15:11:01G+B*44:02:01G	B*15:152+B*44:12			
B*15:11:01G+B*44:02:07	B*15:11:03+B*44:02:01G			
B*15:11:01G+B*44:03:02	B*15:11:03+B*44:03:01G			
B*15:11:01G+B*44:28:01	B*15:11:03+B*44:28:02			
B*15:11:01G+B*44:64:01	B*15:11:03+B*44:64:02			
B*15:11:01G+B*48:03:02	B*15:11:03+B*48:03:01			
B*15:11:01G+B*51:01:01G	B*15:11:03+B*51:01:16			
B*15:11:01G+B*52:01:01G	B*15:152+B*51:07:02			
B*15:11:01G+B*52:01:02	B*15:152+B*51:07:01			
B*15:11:01G+B*52:06:02	B*15:152+B*51:01:01G			
B*15:11:01G+B*55:02:01G	B*15:11:03+B*55:02:04			
B*15:11:01G+B*55:40	B*15:152+B*55:01:01G			
B*15:11:01G+B*55:47	B*15:15+B*55:02:01G			
B*15:11:01G+B*57:01:09	B*15:11:04+B*57:01:01G			
B*15:11:03+B*18:12	B*15:152+B*18:01:06			
B*15:11:03+B*40:66	B*15:148+B*40:01:04			
B*15:13+B*15:50	B*15:24+B*15:121			
B*15:13+B*15:66	B*15:21+B*15:24			
B*15:13+B*15:93	B*15:23+B*15:121			
B*15:13+B*15:200	B*15:23+B*15:88			
B*15:13+B*35:10	B*15:25:01G+B*53:01:01			
B*15:13+B*35:13	B*15:25:01G+B*53:04			

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B*15:13+B*35:14:01	B*15:144+B*53:08:01	
B*15:13+B*35:14:02	B*15:144+B*53:08:02	
B*15:13+B*35:60	B*15:121+B*51:15	
B*15:13+B*35:62	B*15:144+B*53:01:01	
B*15:13+B*35:68:02	B*15:31+B*53:08:01	
B*15:13+B*35:69	B*15:25:01G+B*53:23	
B*15:13+B*35:78	B*15:139+B*53:01:01	
B*15:13+B*35:80	B*15:25:01G+B*53:24	
B*15:13+B*35:93	B*15:121+B*53:01:01	
B*15:13+B*38:02:01G	B*15:89+B*38:01:01	
B*15:13+B*39:22	B*15:25:01G+B*38:14	
B*15:13+B*40:47	B*15:89+B*40:117	
B*15:13+B*40:157	B*15:89+B*40:19	
B*15:13+B*44:02:01G	B*15:89+B*44:95	
B*15:13+B*44:03:01G	B*15:89+B*44:50	
B*15:13+B*44:05:01	B*15:89+B*44:25	
B*15:13+B*49:02	B*15:89+B*49:01:01	
B*15:13+B*51:54	B*15:89+B*51:05	
B*15:13+B*51:78	B*15:89+B*51:01:01G	
B*15:13+B*52:20	B*15:36+B*51:07:02	B*15:89+B*52:01:01G
B*15:13+B*53:11	B*15:89+B*53:24	
B*15:13+B*53:12	B*15:89+B*53:05	
B*15:13+B*53:13	B*15:89+B*53:01:01	
B*15:14+B*15:23	B*15:24+B*15:161	
B*15:14+B*15:61	B*15:70+B*15:131	
B*15:14+B*15:62	B*15:85+B*15:131	
B*15:14+B*15:64	B*15:15+B*15:131	
B*15:14+B*15:72	B*15:78:01+B*15:161	
B*15:14+B*15:80	B*15:154+B*15:161	
B*15:14+B*15:93	B*15:50+B*15:161	
B*15:14+B*15:98	B*15:131+B*15:163	
B*15:14+B*15:156	B*15:128+B*15:131	
B*15:14+B*15:176	B*15:145+B*15:161	
B*15:14+B*35:04:01	B*15:30+B*35:71	
B*15:14+B*35:06	B*15:58+B*35:71	
B*15:14+B*35:15	B*15:117+B*35:71	
B*15:14+B*35:23	B*15:27:02+B*35:71	
B*15:14+B*35:24:01	B*15:38:01+B*35:71	
B*15:14+B*35:27	B*15:135+B*35:71	
B*15:14+B*35:29	B*15:70+B*35:71	
B*15:14+B*35:34	B*15:63+B*35:71	
B*15:14+B*35:50	B*15:71+B*35:71	
B*15:14+B*35:54	B*15:125+B*35:71	
B*15:14+B*35:90	B*15:183+B*35:71	
B*15:14+B*35:91	B*15:192+B*35:71	
B*15:14+B*35:93	B*15:50+B*35:71	
B*15:14+B*35:103	B*15:163+B*35:71	
B*15:14+B*40:07	B*15:56+B*40:132	
B*15:14+B*40:25	B*15:15+B*40:132	
B*15:14+B*40:43	B*15:70+B*40:132	
B*15:14+B*40:61	B*15:152+B*40:132	
B*15:14+B*40:67	B*15:145+B*40:132	
B*15:14+B*40:69	B*15:28+B*40:132	
B*15:14+B*40:79	B*15:159+B*40:132	
B*15:14+B*40:100	B*15:27:01+B*40:132	
B*15:14+B*40:113	B*15:38:01+B*40:132	
B*15:14+B*40:117	B*15:24+B*40:132	
B*15:14+B*44:64:01	B*15:117+B*44:03:02	
B*15:14+B*44:64:02	B*15:117+B*44:03:01G	
B*15:14+B*45:08	B*15:50+B*45:01:01G	
B*15:14+B*45:10	B*15:117+B*45:01:01G	
B*15:14+B*46:05	B*15:125+B*46:17	
B*15:14+B*46:08	B*15:39:01+B*46:17	
B*15:14+B*46:10	B*15:183+B*46:17	
B*15:14+B*46:19	B*15:136+B*46:17	
B*15:14+B*49:01:01	B*15:24+B*50:02	
B*15:14+B*51:01:01G	B*15:38:01+B*51:23	
B*15:14+B*51:07:02	B*15:15+B*52:15	
B*15:14+B*51:34	B*15:117+B*51:23	
B*15:14+B*52:08	B*15:117+B*52:15	
B*15:14+B*53:01:01	B*15:24+B*35:71	
B*15:14+B*53:03	B*15:43+B*35:71	
B*15:14+B*53:05	B*15:87+B*35:71	
B*15:14+B*53:16	B*15:87+B*35:45	
B*15:14+B*53:24	B*15:24+B*35:45	
B*15:15+B*15:61	B*15:64+B*15:70	
B*15:15+B*15:62	B*15:54+B*15:194	B*15:64+B*15:85
B*15:15+B*15:98	B*15:64+B*15:163	
B*15:15+B*15:156	B*15:64+B*15:128	
B*15:15+B*18:20	B*15:31+B*18:19	
B*15:15+B*35:11:02	B*15:194+B*35:43:01G	
B*15:15+B*35:76	B*15:76+B*35:20:01	
B*15:15+B*40:43	B*15:70+B*40:25	
B*15:15+B*40:67	B*15:145+B*40:25	
B*15:15+B*40:69	B*15:28+B*40:25	
B*15:15+B*40:79	B*15:159+B*40:25	
B*15:15+B*40:100	B*15:27:01+B*40:25	
B*15:15+B*40:113	B*15:38:01+B*40:25	
B*15:15+B*40:117	B*15:24+B*40:25	
B*15:15+B*44:21	B*15:117+B*44:12	
B*15:15+B*44:22	B*15:125+B*44:12	
B*15:15+B*44:49	B*15:142+B*44:12	
B*15:15+B*44:53	B*15:78:01+B*44:12	
B*15:15+B*44:90	B*15:76+B*44:09	
B*15:15+B*44:102	B*15:105+B*44:12	
B*15:15+B*45:06	B*15:76+B*45:01:01G	
B*15:15+B*52:08	B*15:117+B*51:07:02	
B*15:15+B*55:41	B*15:31+B*55:21	
B*15:16+B*35:110	B*15:67+B*35:01:01G	
B*15:16+B*58:04	B*15:95+B*58:01:01G	
B*15:17:01G+B*39:60	B*15:162+B*39:35	
B*15:18:01G+B*15:27:01	B*15:18:02+B*15:27:02	
B*15:18:01G+B*15:44	B*15:21+B*15:93	
B*15:18:01G+B*15:56	B*15:29+B*15:66	
B*15:18:01G+B*15:73	B*15:18:03+B*15:58	

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B*15:18:01G+B*15:91	B*15:123:01G+B*15:161		
B*15:18:01G+B*15:114	B*15:52+B*15:153		
B*15:18:01G+B*15:179	B*15:39:02+B*15:51		
B*15:18:01G+B*18:01:01G	B*15:64+B*18:33	B*15:93+B*18:36	
B*15:18:01G+B*18:01:06	B*15:18:02+B*18:01:01G		
B*15:18:01G+B*18:07:01	B*15:29+B*18:33		
B*15:18:01G+B*18:09	B*15:115+B*18:49		
B*15:18:01G+B*18:31	B*15:176+B*18:01:01G		
B*15:18:01G+B*18:40	B*15:72+B*18:01:01G		
B*15:18:01G+B*27:02	B*15:23+B*27:08		
B*15:18:01G+B*27:05:03	B*15:18:04+B*27:05:02G		
B*15:18:01G+B*27:15	B*15:93+B*27:63		
B*15:18:01G+B*27:19	B*15:80+B*27:70		
B*15:18:01G+B*27:50	B*15:161+B*27:05:03		
B*15:18:01G+B*27:61	B*15:52+B*27:63		
B*15:18:01G+B*27:71	B*15:93+B*27:38		
B*15:18:01G+B*35:01:01G	B*15:18:02+B*35:01:04	B*15:29+B*35:82	B*15:80+B*35:68:01
B*15:18:01G+B*35:01:04	B*15:80+B*35:68:02		
B*15:18:01G+B*35:03:01G	B*15:29+B*35:85	B*15:133+B*35:01:01G	
B*15:18:01G+B*35:03:07	B*15:133+B*35:01:17		
B*15:18:01G+B*35:08:01	B*15:18:02+B*35:08:03		
B*15:18:01G+B*35:09:01	B*15:72+B*35:04:01		
B*15:18:01G+B*35:12:02	B*15:18:02+B*35:12:01		
B*15:18:01G+B*35:13	B*15:133+B*35:10		
B*15:18:01G+B*35:15	B*15:52+B*35:11:01		
B*15:18:01G+B*35:20:01	B*15:64+B*35:82		
B*15:18:01G+B*35:30	B*15:80+B*35:05:01		
B*15:18:01G+B*35:33	B*15:133+B*35:15		
B*15:18:01G+B*35:35	B*15:108+B*35:93	B*15:186+B*35:11:01	
B*15:18:01G+B*35:38	B*15:133+B*35:115		
B*15:18:01G+B*35:43:01G	B*15:29+B*35:135		
B*15:18:01G+B*35:45	B*15:161+B*35:08:01		
B*15:18:01G+B*35:56	B*15:133+B*35:27		
B*15:18:01G+B*35:62	B*35:25+B*35:135		
B*15:18:01G+B*35:68:01	B*15:18:02+B*35:68:02		
B*15:18:01G+B*35:71	B*15:161+B*35:01:01G		
B*15:18:01G+B*35:85	B*15:133+B*35:82		
B*15:18:01G+B*35:93	B*15:93+B*35:01:01G		
B*15:18:01G+B*35:109	B*15:133+B*35:24:01		
B*15:18:01G+B*35:115	B*15:51+B*35:11:01		
B*15:18:01G+B*35:117	B*15:197+B*35:43:01G		
B*15:18:01G+B*35:136	B*15:133+B*35:29		
B*15:18:01G+B*35:150	B*15:133+B*35:90		
B*15:18:01G+B*35:151	B*15:133+B*35:68:02		
B*15:18:01G+B*38:01:01	B*15:23+B*39:05:01		
B*15:18:01G+B*38:03	B*15:115+B*39:02:01		
B*15:18:01G+B*38:14	B*15:23+B*39:01:01G		
B*15:18:01G+B*38:19	B*15:23+B*39:37		
B*15:18:01G+B*38:20	B*15:80+B*38:01:01		
B*15:18:01G+B*38:26	B*15:23+B*67:01:01		
B*15:18:01G+B*39:01:01G	B*15:108+B*39:30		
B*15:18:01G+B*39:06:02	B*15:18:02+B*39:06:01	B*15:108+B*39:34	
B*15:18:01G+B*39:39	B*15:64+B*39:01:01G		
B*15:18:01G+B*39:42	B*15:80+B*39:01:01G		
B*15:18:01G+B*39:48	B*15:93+B*39:32		
B*15:18:01G+B*39:55	B*15:133+B*39:07		
B*15:18:01G+B*39:58	B*15:29+B*39:01:01G		
B*15:18:01G+B*40:01:04	B*15:18:02+B*40:01:01G		
B*15:18:01G+B*40:01:14	B*15:72+B*40:87		
B*15:18:01G+B*40:02:09	B*15:18:02+B*40:02:01G		
B*15:18:01G+B*40:06:01G	B*15:64+B*40:75		
B*15:18:01G+B*40:11:02	B*15:18:02+B*40:11:01		
B*15:18:01G+B*40:14:01	B*15:72+B*40:121		
B*15:18:01G+B*40:19	B*15:23+B*40:02:01G		
B*15:18:01G+B*40:36	B*15:133+B*40:38		
B*15:18:01G+B*40:48	B*15:18:03+B*40:36		
B*15:18:01G+B*40:64	B*15:80+B*40:11:02		
B*15:18:01G+B*40:67	B*15:176+B*40:01:01G		
B*15:18:01G+B*40:113	B*15:37+B*40:38		
B*15:18:01G+B*40:117	B*15:23+B*40:01:01G		
B*15:18:01G+B*40:124:01	B*15:18:02+B*40:124:02		
B*15:18:01G+B*40:128	B*15:99+B*40:38		
B*15:18:01G+B*40:132	B*15:161+B*40:01:01G		
B*15:18:01G+B*40:157	B*15:115+B*40:37		
B*15:18:01G+B*42:01:01	B*15:72+B*42:10		
B*15:18:01G+B*42:01:02	B*15:18:04+B*42:01:01		
B*15:18:01G+B*44:02:01G	B*15:51+B*44:79	B*15:80+B*44:41	B*15:161+B*44:91
B*15:18:01G+B*44:02:07	B*15:18:02+B*44:02:01G		
B*15:18:01G+B*44:03:01G	B*15:80+B*44:65	B*15:161+B*44:37	
B*15:18:01G+B*44:03:02	B*15:18:02+B*44:03:01G		
B*15:18:01G+B*44:04	B*15:93+B*44:28:02		
B*15:18:01G+B*44:05:01	B*15:115+B*44:75	B*15:161+B*44:42	
B*15:18:01G+B*44:15	B*15:115+B*45:01:01G		
B*15:18:01G+B*44:18	B*15:23+B*45:01:01G		
B*15:18:01G+B*44:21	B*15:161+B*44:16		
B*15:18:01G+B*44:28:01	B*15:18:02+B*44:28:02		
B*15:18:01G+B*44:29	B*15:108+B*44:03:01G		
B*15:18:01G+B*44:50	B*15:23+B*44:46		
B*15:18:01G+B*44:53	B*15:72+B*44:02:01G		
B*15:18:01G+B*44:64:01	B*15:18:02+B*44:64:02		
B*15:18:01G+B*44:89	B*15:108+B*44:02:01G		
B*15:18:01G+B*44:95	B*15:23+B*44:09		
B*15:18:01G+B*44:109	B*15:115+B*44:46		
B*15:18:01G+B*44:110	B*15:80+B*44:54		
B*15:18:01G+B*45:01:01G	B*15:18:03+B*45:02	B*15:51+B*50:02	B*15:161+B*45:04
B*15:18:01G+B*45:04	B*15:51+B*50:01:01		
B*15:18:01G+B*45:08	B*15:93+B*45:04		
B*15:18:01G+B*46:17	B*15:161+B*46:01:01G		
B*15:18:01G+B*46:18	B*15:93+B*46:11		
B*15:18:01G+B*46:19	B*15:108+B*46:13:03		
B*15:18:01G+B*46:21:01	B*15:93+B*46:13:03		
B*15:18:01G+B*46:21:02	B*15:93+B*46:13:01		
B*15:18:01G+B*47:06	B*15:176+B*47:01:01G		
B*15:18:01G+B*48:03:02	B*15:18:02+B*48:03:01		
B*15:18:01G+B*49:01:01	B*15:23+B*50:01:01		

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B*15:18:01G+B*50:01:01	B*15:18:03+B*50:09		
B*15:18:01G+B*50:02	B*15:161+B*50:01:01		
B*15:18:01G+B*51:01:02	B*15:23+B*78:02:01		
B*15:18:01G+B*51:07:01	B*15:64+B*51:22		
B*15:18:01G+B*51:13:02	B*15:133+B*51:63		
B*15:18:01G+B*51:19	B*15:108+B*51:09:01		
B*15:18:01G+B*51:21	B*15:93+B*51:01:01G		
B*15:18:01G+B*51:23	B*15:161+B*51:02:01		
B*15:18:01G+B*51:24:01	B*15:72+B*51:01:04		
B*15:18:01G+B*51:29	B*15:99+B*51:63		
B*15:18:01G+B*51:31	B*15:52+B*51:01:01G		
B*15:18:01G+B*51:49	B*15:153+B*51:01:01G		
B*15:18:01G+B*51:97	B*15:51+B*51:63		
B*15:18:01G+B*51:101	B*15:108+B*51:21		
B*15:18:01G+B*51:106	B*15:18:03+B*51:13:02		
B*15:18:01G+B*52:01:01G	B*15:23+B*78:05		
B*15:18:01G+B*52:15	B*15:161+B*52:01:01G		
B*15:18:01G+B*52:19	B*15:51+B*52:01:01G		
B*15:18:01G+B*52:20	B*15:115+B*78:06		
B*15:18:01G+B*52:21	B*15:54+B*51:22		
B*15:18:01G+B*53:01:01	B*15:23+B*35:01:01G		
B*15:18:01G+B*53:01:02	B*15:23+B*35:01:16		
B*15:18:01G+B*53:02	B*15:23+B*35:24:01		
B*15:18:01G+B*53:04	B*15:23+B*35:03:01G	B*15:133+B*53:01:01	
B*15:18:01G+B*53:08:01	B*15:23+B*35:11:01		
B*15:18:01G+B*53:08:02	B*15:23+B*35:11:02		
B*15:18:01G+B*53:12	B*15:115+B*35:01:01G		
B*15:18:01G+B*53:13	B*15:115+B*35:27		
B*15:18:01G+B*53:14	B*15:23+B*35:05:01		
B*15:18:01G+B*53:19	B*15:23+B*35:02:01		
B*15:18:01G+B*53:23	B*15:23+B*35:29		
B*15:18:01G+B*53:24	B*15:23+B*35:08:01		
B*15:18:01G+B*54:01:01G	B*15:93+B*54:03		
B*15:18:01G+B*54:12	B*15:23+B*54:01:01G		
B*15:18:01G+B*55:01:01G	B*15:93+B*56:25		
B*15:18:01G+B*55:02:01G	B*15:18:02+B*55:02:04	B*15:18:03+B*55:13	B*15:93+B*56:01:01G
B*15:18:01G+B*55:13	B*15:93+B*56:22	B*15:133+B*55:32	
B*15:18:01G+B*55:22	B*15:52+B*56:25		
B*15:18:01G+B*56:01:01G	B*15:18:03+B*56:22		
B*15:18:01G+B*56:10	B*15:93+B*56:02		
B*15:18:01G+B*56:11	B*15:133+B*56:09		
B*15:18:01G+B*56:13	B*15:51+B*56:25		
B*15:18:01G+B*56:20	B*15:72+B*56:01:01G		
B*15:18:01G+B*56:21	B*15:23+B*56:05:02		
B*15:18:01G+B*57:02:01	B*15:23+B*57:12		
B*15:18:01G+B*57:07	B*15:161+B*57:03:01		
B*15:18:01G+B*57:24	B*15:51+B*57:22		
B*15:18:01G+B*57:25	B*15:52+B*57:22		
B*15:18:01G+B*57:26	B*15:93+B*57:01:01G		
B*15:18:01G+B*57:31	B*15:72+B*57:01:01G		
B*15:18:01G+B*58:07	B*15:161+B*58:02		
B*15:18:01G+B*59:01	B*15:18:03+B*59:03	B*15:93+B*59:04	
B*15:18:01G+B*78:01	B*15:29+B*78:03		
B*15:18:01G+B*78:07	B*15:93+B*78:01		
B*15:18:02+B*18:31	B*15:176+B*18:01:06		
B*15:18:02+B*18:40	B*15:72+B*18:01:06		
B*15:18:02+B*35:151	B*15:133+B*35:68:01		
B*15:18:02+B*40:19	B*15:23+B*40:02:09		
B*15:18:02+B*40:67	B*15:176+B*40:01:04		
B*15:18:02+B*40:117	B*15:23+B*40:01:04		
B*15:18:02+B*40:132	B*15:161+B*40:01:04		
B*15:18:02+B*44:04	B*15:93+B*44:28:01		
B*15:18:02+B*44:29	B*15:108+B*44:03:02		
B*15:18:02+B*44:53	B*15:72+B*44:02:07		
B*15:18:02+B*44:89	B*15:108+B*44:02:07		
B*15:20+B*15:29	B*15:39:01+B*35:25		
B*15:20+B*35:11:02	B*15:194+B*35:10		
B*15:20+B*35:14:02	B*15:85+B*35:01:01G		
B*15:20+B*35:99	B*15:39:01+B*35:08:01	B*15:65+B*35:01:01G	
B*15:20+B*35:118	B*15:78:02+B*35:01:01G	B*15:107+B*35:14:01	
B*15:20+B*39:18	B*15:85+B*39:01:01G		
B*15:20+B*40:01:01G	B*35:63+B*40:21		
B*15:20+B*46:01:01G	B*15:85+B*46:13:01		
B*15:20+B*48:03:01	B*40:21+B*48:02:01		
B*15:20+B*51:01:01G	B*35:01:01G+B*52:02	B*35:28+B*51:104	
B*15:20+B*51:01:03	B*35:01:19+B*52:02		
B*15:20+B*51:01:16	B*35:01:04+B*52:02		
B*15:20+B*51:07:01	B*35:20:01+B*52:02		
B*15:20+B*51:16	B*35:15+B*52:02		
B*15:20+B*51:21	B*35:93+B*52:02		
B*15:20+B*51:22	B*35:82+B*52:02		
B*15:20+B*51:24:03	B*35:64+B*52:02		
B*15:20+B*51:29	B*35:08:01+B*52:02		
B*15:20+B*51:35	B*35:116+B*52:02		
B*15:20+B*51:61	B*15:85+B*51:09:01		
B*15:20+B*51:74	B*35:46+B*52:01:02		
B*15:20+B*51:76	B*35:101:02+B*52:02		
B*15:20+B*51:101	B*35:35+B*52:02		
B*15:20+B*52:01:02	B*35:28+B*52:02		
B*15:20+B*52:06:02	B*35:10+B*52:02		
B*15:20+B*55:01:01G	B*15:42+B*56:09		
B*15:21+B*15:131	B*15:25:01G+B*15:161		
B*15:21+B*18:09	B*15:89+B*18:33		
B*15:21+B*18:12	B*15:25:01G+B*18:33		
B*15:21+B*27:15	B*15:44+B*27:63		
B*15:21+B*27:71	B*15:44+B*27:38		
B*15:21+B*35:28	B*15:25:01G+B*35:82		
B*15:21+B*35:93	B*15:44+B*35:01:01G		
B*15:21+B*39:02:02	B*15:25:01G+B*39:01:09		
B*15:21+B*39:08	B*15:25:01G+B*39:11		
B*15:21+B*39:48	B*15:44+B*39:32		
B*15:21+B*40:96	B*15:89+B*40:75		
B*15:21+B*44:04	B*15:44+B*44:28:02		
B*15:21+B*45:08	B*15:44+B*45:04		
B*15:21+B*46:18	B*15:44+B*46:11		

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B*15:21+B*46:21:01	B*15:44+B*46:13:03	
B*15:21+B*46:21:02	B*15:44+B*46:13:01	
B*15:21+B*51:21	B*15:44+B*51:01:01G	
B*15:21+B*52:01:02	B*15:25:01G+B*51:22	
B*15:21+B*53:09	B*15:89+B*35:82	
B*15:21+B*54:01:01G	B*15:44+B*54:03	
B*15:21+B*55:01:01G	B*15:44+B*56:25	
B*15:21+B*55:02:01G	B*15:44+B*56:01:01G	
B*15:21+B*55:13	B*15:44+B*56:22	
B*15:21+B*56:10	B*15:44+B*56:02	
B*15:21+B*57:26	B*15:44+B*57:01:01G	
B*15:21+B*59:01	B*15:44+B*59:04	
B*15:21+B*78:07	B*15:44+B*78:01	
B*15:23+B*15:50	B*15:24+B*15:93	
B*15:23+B*15:78:01	B*15:24+B*15:72	
B*15:23+B*15:145	B*15:24+B*15:176	
B*15:23+B*15:154	B*15:24+B*15:80	
B*15:23+B*35:03:02	B*15:133+B*53:01:03	
B*15:23+B*35:15	B*15:52+B*53:08:01	
B*15:23+B*35:30	B*15:80+B*53:14	
B*15:23+B*35:35	B*15:186+B*53:08:01	
B*15:23+B*35:45	B*15:161+B*53:24	
B*15:23+B*35:60	B*15:93+B*51:15	
B*15:23+B*35:71	B*15:161+B*53:01:01	
B*15:23+B*35:93	B*15:93+B*53:01:01	
B*15:23+B*35:109	B*15:133+B*53:02	
B*15:23+B*35:115	B*15:51+B*53:08:01	
B*15:23+B*35:136	B*15:133+B*53:23	
B*15:23+B*39:39	B*15:64+B*38:14	
B*15:23+B*39:42	B*15:80+B*38:14	
B*15:23+B*39:58	B*15:29+B*38:14	
B*15:23+B*40:67	B*15:176+B*40:117	
B*15:23+B*40:132	B*15:161+B*40:117	
B*15:23+B*44:15	B*15:115+B*44:18	
B*15:23+B*44:109	B*15:115+B*44:50	
B*15:23+B*45:04	B*15:51+B*49:01:01	
B*15:23+B*45:10	B*15:51+B*49:07	
B*15:23+B*50:02	B*15:161+B*49:01:01	
B*15:23+B*53:12	B*15:115+B*53:01:01	
B*15:24+B*18:01:01G	B*15:87+B*18:49	
B*15:24+B*27:05:02G	B*15:43+B*27:02	
B*15:24+B*27:19	B*15:43+B*27:30	
B*15:24+B*27:28	B*15:43+B*27:62	
B*15:24+B*27:42	B*15:135+B*27:53	
B*15:24+B*35:04:01	B*15:30+B*53:01:01	
B*15:24+B*35:06	B*15:58+B*53:01:01	
B*15:24+B*35:09:02	B*15:150+B*53:01:03	
B*15:24+B*35:15	B*15:117+B*53:01:01	
B*15:24+B*35:21	B*15:38:01+B*53:08:01	B*15:38:02+B*53:08:02
B*15:24+B*35:23	B*15:27:02+B*53:01:01	
B*15:24+B*35:27	B*15:135+B*53:01:01	
B*15:24+B*35:30	B*15:154+B*53:14	
B*15:24+B*35:33	B*15:117+B*53:04	
B*15:24+B*35:34	B*15:63+B*53:01:01	
B*15:24+B*35:50	B*15:71+B*53:01:01	
B*15:24+B*35:54	B*15:125+B*53:01:01	
B*15:24+B*35:56	B*15:135+B*53:04	
B*15:24+B*35:60	B*15:50+B*51:15	
B*15:24+B*35:64	B*15:78:02+B*53:01:03	
B*15:24+B*35:81	B*15:38:01+B*53:19	
B*15:24+B*35:90	B*15:183+B*53:01:01	
B*15:24+B*35:91	B*15:192+B*53:01:01	
B*15:24+B*35:93	B*15:50+B*53:01:01	
B*15:24+B*35:103	B*15:163+B*53:01:01	
B*15:24+B*35:109	B*15:38:01+B*53:04	
B*15:24+B*35:136	B*15:70+B*53:04	
B*15:24+B*35:150	B*15:183+B*53:04	
B*15:24+B*38:17	B*15:43+B*38:01:01	
B*15:24+B*39:01:05	B*15:70+B*38:01:03	
B*15:24+B*39:09	B*15:32+B*38:14	
B*15:24+B*39:28	B*15:35+B*38:14	
B*15:24+B*39:42	B*15:70+B*38:20	B*15:154+B*38:14
B*15:24+B*39:48	B*15:38:01+B*38:14	
B*15:24+B*39:53	B*15:193+B*38:14	
B*15:24+B*40:06:01G	B*15:135+B*40:109	
B*15:24+B*40:07	B*15:56+B*40:117	
B*15:24+B*40:37	B*15:135+B*40:19	
B*15:24+B*40:43	B*15:70+B*40:117	
B*15:24+B*40:50	B*15:70+B*40:19	
B*15:24+B*40:61	B*15:152+B*40:117	
B*15:24+B*40:67	B*15:145+B*40:117	
B*15:24+B*40:69	B*15:28+B*40:117	
B*15:24+B*40:79	B*15:159+B*40:117	
B*15:24+B*40:89	B*15:128+B*40:19	
B*15:24+B*40:100	B*15:27:01+B*40:117	
B*15:24+B*40:113	B*15:38:01+B*40:117	
B*15:24+B*40:143	B*15:27:02+B*40:19	
B*15:24+B*44:75	B*15:135+B*44:25	
B*15:24+B*44:90	B*15:101+B*44:95	
B*15:24+B*44:109	B*15:87+B*44:03:01G	
B*15:24+B*45:06	B*15:101+B*44:18	
B*15:24+B*45:11	B*15:105+B*44:18	
B*15:24+B*48:01:01G	B*15:135+B*48:18	
B*15:24+B*52:09	B*15:87+B*52:01:02	
B*15:24+B*53:03	B*15:43+B*53:01:01	
B*15:24+B*53:05	B*15:87+B*53:01:01	
B*15:24+B*53:12	B*15:87+B*53:13	
B*15:24+B*53:16	B*15:87+B*53:24	
B*15:24+B*54:02	B*15:71+B*54:12	
B*15:24+B*55:02:01G	B*15:87+B*55:12	
B*15:24+B*56:06	B*15:76+B*52:01:02	B*15:101+B*51:07:01
B*15:24+B*67:03	B*15:78:02+B*38:26	
B*15:24+B*78:01	B*15:70+B*51:01:01G	
B*15:24+B*78:03	B*15:70+B*51:22	
B*15:24+B*78:06	B*15:135+B*52:01:01G	

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B*15:24+B*78:07	B*15:70+B*51:21		
B*15:25:01G+B*18:09	B*15:36+B*18:01:01G	B*15:89+B*18:12	
B*15:25:01G+B*27:01	B*15:36+B*27:44		
B*15:25:01G+B*27:05:02G	B*15:204+B*27:37		
B*15:25:01G+B*35:12:01	B*15:25:02+B*35:12:02		
B*15:25:01G+B*35:62	B*15:144+B*35:10		
B*15:25:01G+B*35:68:02	B*15:25:02+B*35:68:01		
B*15:25:01G+B*35:78	B*15:139+B*35:10		
B*15:25:01G+B*35:93	B*15:121+B*35:10		
B*15:25:01G+B*37:10	B*15:36+B*37:11		
B*15:25:01G+B*38:02:01G	B*15:36+B*39:05:01		
B*15:25:01G+B*39:06:01	B*15:25:02+B*39:06:02		
B*15:25:01G+B*39:31	B*15:204+B*39:01:01G		
B*15:25:01G+B*40:01:01G	B*15:25:02+B*40:01:04	B*15:204+B*40:49	
B*15:25:01G+B*40:02:01G	B*15:25:02+B*40:02:09	B*15:204+B*40:40	
B*15:25:01G+B*40:10:02	B*15:106+B*40:21		
B*15:25:01G+B*40:11:01	B*15:25:02+B*40:11:02		
B*15:25:01G+B*40:47	B*15:36+B*40:01:01G		
B*15:25:01G+B*40:96	B*15:36+B*40:06:01G		
B*15:25:01G+B*40:124:02	B*15:25:02+B*40:124:01		
B*15:25:01G+B*40:157	B*15:36+B*40:02:01G		
B*15:25:01G+B*42:02	B*15:204+B*42:01:01		
B*15:25:01G+B*44:02:01G	B*15:25:02+B*44:02:07	B*15:36+B*44:09	B*15:106+B*44:08
B*15:25:01G+B*44:03:01G	B*15:25:02+B*44:03:02	B*15:36+B*44:46	B*15:106+B*44:57
B*15:25:01G+B*44:28:02	B*15:25:02+B*44:28:01		
B*15:25:01G+B*44:55	B*15:204+B*44:02:01G		
B*15:25:01G+B*44:64:02	B*15:25:02+B*44:64:01		
B*15:25:01G+B*46:14	B*15:204+B*46:01:01G		
B*15:25:01G+B*48:03:01	B*15:25:02+B*48:03:02		
B*15:25:01G+B*49:01:01	B*15:204+B*49:10		
B*15:25:01G+B*49:02	B*15:36+B*50:01:01		
B*15:25:01G+B*51:21	B*15:121+B*52:06:02		
B*15:25:01G+B*51:78	B*15:36+B*78:02:02		
B*15:25:01G+B*52:20	B*15:36+B*78:05		
B*15:25:01G+B*53:09	B*15:36+B*35:20:01	B*15:89+B*35:28	
B*15:25:01G+B*53:11	B*15:36+B*35:08:01	B*15:89+B*35:80	
B*15:25:01G+B*53:13	B*15:36+B*35:01:01G	B*15:89+B*35:10	
B*15:25:01G+B*55:02:04	B*15:25:02+B*55:02:01G		
B*15:25:01G+B*55:16	B*15:204+B*55:02:01G		
B*15:25:01G+B*55:21	B*15:144+B*55:40		
B*15:25:01G+B*56:07	B*15:36+B*56:01:01G		
B*15:25:02+B*15:54	B*15:154+B*15:156		
B*15:25:02+B*53:11	B*15:36+B*35:08:03		
B*15:25:02+B*53:13	B*15:36+B*35:01:04		
B*15:25:02+B*55:16	B*15:204+B*55:02:04		
B*15:27:01+B*15:38:02	B*15:27:03+B*15:38:01		
B*15:27:01+B*15:39:02	B*15:27:03+B*15:39:01		
B*15:27:01+B*15:40	B*15:117+B*15:195		
B*15:27:01+B*18:01:01G	B*15:27:02+B*18:01:06		
B*15:27:01+B*18:13	B*15:84+B*18:19		
B*15:27:01+B*18:15	B*15:195+B*18:19		
B*15:27:01+B*27:63	B*15:195+B*27:25		
B*15:27:01+B*35:03:01G	B*15:27:03+B*35:03:02		
B*15:27:01+B*35:08:01	B*15:84+B*35:14:01		
B*15:27:01+B*35:08:03	B*15:27:02+B*35:08:01		
B*15:27:01+B*35:11:01	B*15:27:03+B*35:11:02	B*15:195+B*35:14:01	
B*15:27:01+B*35:11:02	B*15:195+B*35:14:02		
B*15:27:01+B*35:12:01	B*15:27:02+B*35:12:02		
B*15:27:01+B*35:14:01	B*15:27:03+B*35:14:02		
B*15:27:01+B*35:48	B*15:32+B*35:23		
B*15:27:01+B*35:68:02	B*15:27:02+B*35:68:01		
B*15:27:01+B*35:103	B*15:109+B*35:01:01G		
B*15:27:01+B*38:01:01	B*15:27:03+B*38:01:03		
B*15:27:01+B*39:01:01G	B*15:27:03+B*39:01:05		
B*15:27:01+B*39:06:01	B*15:27:02+B*39:06:02		
B*15:27:01+B*40:07	B*15:56+B*40:100		
B*15:27:01+B*40:11:01	B*15:27:02+B*40:11:02		
B*15:27:01+B*40:14:01	B*15:27:03+B*40:14:02		
B*15:27:01+B*40:43	B*15:70+B*40:100		
B*15:27:01+B*40:61	B*15:152+B*40:100		
B*15:27:01+B*40:67	B*15:145+B*40:100		
B*15:27:01+B*40:69	B*15:28+B*40:100		
B*15:27:01+B*40:79	B*15:159+B*40:100		
B*15:27:01+B*40:113	B*15:38:01+B*40:100		
B*15:27:01+B*40:124:02	B*15:27:02+B*40:124:01		
B*15:27:01+B*44:02:01G	B*15:27:02+B*44:02:07	B*15:27:03+B*44:02:09	
B*15:27:01+B*44:03:01G	B*15:27:02+B*44:03:02		
B*15:27:01+B*44:28:02	B*15:27:02+B*44:28:01		
B*15:27:01+B*44:64:02	B*15:27:02+B*44:64:01		
B*15:27:01+B*46:01:03	B*15:27:03+B*46:01:01G		
B*15:27:01+B*46:08	B*15:195+B*46:01:01G		
B*15:27:01+B*46:13:01	B*15:27:03+B*46:13:03		
B*15:27:01+B*46:13:03	B*15:195+B*46:09		
B*15:27:01+B*46:21:02	B*15:27:03+B*46:21:01		
B*15:27:01+B*47:05	B*15:129+B*47:01:01G		
B*15:27:01+B*48:01:01G	B*15:195+B*48:19		
B*15:27:01+B*48:03:01	B*15:27:02+B*48:03:02		
B*15:27:01+B*51:01:16	B*15:27:02+B*51:01:01G		
B*15:27:01+B*51:24:04	B*15:27:03+B*51:24:03		
B*15:27:01+B*52:01:02	B*15:195+B*52:21		
B*15:27:01+B*53:01:01	B*15:27:03+B*53:01:03		
B*15:27:01+B*53:08:01	B*15:27:03+B*53:08:02		
B*15:27:01+B*55:01:01G	B*15:195+B*55:21		
B*15:27:01+B*55:02:04	B*15:27:02+B*55:02:01G		
B*15:27:01+B*55:37	B*15:84+B*55:21		
B*15:27:01+B*56:01:01G	B*15:27:03+B*56:01:03		
B*15:27:01+B*58:01:01G	B*15:27:03+B*58:01:05		
B*15:27:02+B*35:04:01	B*15:30+B*35:23		
B*15:27:02+B*35:06	B*15:58+B*35:23		
B*15:27:02+B*35:15	B*15:117+B*35:23		
B*15:27:02+B*35:24:01	B*15:38:01+B*35:23		
B*15:27:02+B*35:27	B*15:135+B*35:23		
B*15:27:02+B*35:29	B*15:70+B*35:23		
B*15:27:02+B*35:34	B*15:63+B*35:23		
B*15:27:02+B*35:50	B*15:71+B*35:23		

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B*15:27:02+B*35:54	B*15:125+B*35:23	
B*15:27:02+B*35:90	B*15:183+B*35:23	
B*15:27:02+B*35:91	B*15:192+B*35:23	
B*15:27:02+B*35:93	B*15:50+B*35:23	
B*15:27:02+B*35:103	B*15:109+B*35:01:04	B*15:163+B*35:23
B*15:27:02+B*40:37	B*15:135+B*40:143	
B*15:27:02+B*40:50	B*15:70+B*40:143	
B*15:27:02+B*40:89	B*15:128+B*40:143	
B*15:27:02+B*40:125	B*15:34+B*40:100	
B*15:27:02+B*53:03	B*15:43+B*35:23	
B*15:27:02+B*53:05	B*15:87+B*35:23	
B*15:27:03+B*40:113	B*15:38:02+B*40:100	
B*15:27:03+B*46:08	B*15:195+B*46:01:03	
B*15:28+B*40:07	B*15:56+B*40:69	
B*15:28+B*40:43	B*15:70+B*40:69	
B*15:28+B*40:61	B*15:152+B*40:69	
B*15:28+B*40:67	B*15:145+B*40:69	
B*15:28+B*40:79	B*15:159+B*40:69	
B*15:28+B*40:113	B*15:38:01+B*40:69	
B*15:29+B*18:01:01G	B*15:64+B*18:07:01	
B*15:29+B*35:08:01	B*35:25+B*35:99	
B*15:29+B*35:20:01	B*15:64+B*35:01:01G	
B*15:29+B*35:62	B*35:25+B*35:43:01G	
B*15:29+B*35:72	B*15:64+B*35:05:01	
B*15:29+B*35:95	B*15:64+B*35:02:01	
B*15:29+B*37:01:01G	B*15:64+B*37:21	
B*15:29+B*39:39	B*15:64+B*39:58	
B*15:29+B*39:42	B*15:80+B*39:58	
B*15:29+B*40:19	B*15:64+B*40:13	
B*15:29+B*40:25	B*15:64+B*40:106	
B*15:29+B*40:43	B*15:61+B*40:106	
B*15:29+B*40:50	B*15:61+B*40:08	
B*15:29+B*40:89	B*15:156+B*40:08	
B*15:29+B*40:132	B*15:131+B*40:106	
B*15:29+B*48:19	B*15:54+B*48:06	
B*15:29+B*51:07:01	B*15:64+B*51:01:01G	
B*15:29+B*51:07:02	B*15:64+B*51:01:02	
B*15:29+B*52:03	B*15:123:01G+B*51:02:01	
B*15:29+B*52:15	B*15:131+B*51:01:02	
B*15:29+B*52:21	B*15:54+B*51:01:01G	
B*15:29+B*53:09	B*15:64+B*53:13	
B*15:30+B*15:141	B*15:35+B*15:150	
B*15:30+B*18:02	B*15:129+B*18:26	
B*15:30+B*18:03	B*15:70+B*18:26	
B*15:30+B*18:07:01	B*15:56+B*18:26	
B*15:30+B*18:08	B*15:110+B*18:26	
B*15:30+B*18:18	B*15:32+B*18:26	
B*15:30+B*18:20	B*15:128+B*18:26	
B*15:30+B*18:31	B*15:145+B*18:26	
B*15:30+B*18:32	B*15:192+B*18:26	
B*15:30+B*18:33	B*15:66+B*18:26	
B*15:30+B*18:40	B*15:78:01+B*18:26	
B*15:30+B*18:49	B*15:135+B*18:26	
B*15:30+B*35:03:01G	B*15:58+B*35:34	B*15:63+B*35:06
B*15:30+B*35:06	B*15:58+B*35:04:01	
B*15:30+B*35:14:02	B*15:85+B*35:44	
B*15:30+B*35:15	B*15:117+B*35:04:01	
B*15:30+B*35:24:01	B*15:38:01+B*35:04:01	
B*15:30+B*35:27	B*15:135+B*35:04:01	
B*15:30+B*35:29	B*15:70+B*35:04:01	
B*15:30+B*35:34	B*15:63+B*35:04:01	
B*15:30+B*35:39	B*15:63+B*35:12:01	
B*15:30+B*35:50	B*15:71+B*35:04:01	
B*15:30+B*35:54	B*15:125+B*35:04:01	
B*15:30+B*35:59	B*15:58+B*35:12:01	
B*15:30+B*35:86	B*15:117+B*35:44	
B*15:30+B*35:90	B*15:183+B*35:04:01	
B*15:30+B*35:91	B*15:192+B*35:04:01	
B*15:30+B*35:93	B*15:50+B*35:04:01	
B*15:30+B*35:99	B*15:65+B*35:44	
B*15:30+B*35:103	B*15:163+B*35:04:01	
B*15:30+B*35:118	B*15:78:02+B*35:44	B*15:150+B*35:43:01G
B*15:30+B*39:03	B*15:58+B*39:14	
B*15:30+B*39:15	B*15:63+B*39:01:01G	
B*15:30+B*39:29	B*15:63+B*39:14	
B*15:30+B*39:49	B*15:63+B*39:13:01	
B*15:30+B*39:55	B*15:63+B*39:05:01	
B*15:30+B*40:01:01G	B*15:150+B*40:87	
B*15:30+B*40:09	B*15:63+B*40:89	
B*15:30+B*40:18	B*15:45+B*40:11:01	B*15:63+B*40:02:01G
B*15:30+B*40:31	B*15:45+B*40:01:01G	B*15:63+B*40:80
B*15:30+B*40:32	B*15:63+B*40:16	
B*15:30+B*40:33	B*15:63+B*40:01:01G	
B*15:30+B*40:36	B*15:58+B*40:01:01G	
B*15:30+B*40:44	B*15:63+B*40:06:01G	
B*15:30+B*40:48	B*15:73+B*40:01:01G	
B*15:30+B*40:59	B*15:85+B*40:01:01G	
B*15:30+B*40:86	B*15:58+B*40:06:01G	
B*15:30+B*42:06	B*15:58+B*42:01:01	
B*15:30+B*44:51	B*15:63+B*44:14	
B*15:30+B*44:107	B*15:63+B*44:77	
B*15:30+B*46:06	B*40:21+B*46:01:01G	
B*15:30+B*48:07	B*15:58+B*48:01:01G	
B*15:30+B*51:01:01G	B*35:44+B*52:02	
B*15:30+B*51:13:01	B*15:58+B*51:01:04	
B*15:30+B*51:13:02	B*15:58+B*51:01:01G	
B*15:30+B*51:19	B*15:48+B*51:61	
B*15:30+B*51:24:04	B*15:150+B*51:01:01G	
B*15:30+B*51:90	B*15:63+B*51:01:01G	
B*15:30+B*51:92	B*15:63+B*51:13:01	
B*15:30+B*51:106	B*15:73+B*51:01:01G	
B*15:30+B*52:12	B*15:63+B*52:01:01G	
B*15:30+B*52:14	B*15:58+B*52:01:05	
B*15:30+B*53:03	B*15:43+B*35:04:01	
B*15:30+B*53:05	B*15:87+B*35:04:01	

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B*15:30+B*54:01:01G	B*15:73+B*54:04	
B*15:30+B*54:16	B*15:63+B*54:01:01G	
B*15:30+B*55:01:01G	B*15:73+B*55:28	
B*15:30+B*55:23	B*15:50+B*56:15	B*15:63+B*55:32
B*15:30+B*55:38	B*15:73+B*55:17	
B*15:30+B*55:46	B*15:63+B*55:02:01G	
B*15:30+B*56:01:01G	B*15:73+B*56:15	
B*15:30+B*56:22	B*15:58+B*56:15	
B*15:30+B*57:14	B*15:38:02+B*57:03:01	
B*15:30+B*57:25	B*15:117+B*57:03:01	
B*15:30+B*57:26	B*15:50+B*57:03:01	
B*15:30+B*57:31	B*15:78:01+B*57:03:01	
B*15:30+B*67:03	B*15:150+B*67:01:01	
B*15:31+B*15:45	B*15:55+B*15:63	
B*15:31+B*18:14	B*15:55+B*18:01:01G	
B*15:31+B*27:32	B*15:55+B*27:70	
B*15:31+B*35:05:01	B*15:55+B*35:68:02	
B*15:31+B*35:14:01	B*15:144+B*35:68:02	
B*15:31+B*35:30	B*15:55+B*35:01:04	
B*15:31+B*38:19	B*15:55+B*38:01:01	
B*15:31+B*39:03	B*15:55+B*39:01:01G	
B*15:31+B*39:37	B*15:55+B*39:05:01	
B*15:31+B*40:02:01G	B*15:55+B*40:11:01	
B*15:31+B*40:02:09	B*15:55+B*40:11:02	
B*15:31+B*40:03	B*15:55+B*40:20	
B*15:31+B*40:31	B*15:55+B*40:33	
B*15:31+B*40:45	B*15:55+B*40:114	
B*15:31+B*40:80	B*15:55+B*40:01:01G	
B*15:31+B*41:02:01	B*15:55+B*41:03:02	
B*15:31+B*44:54	B*15:55+B*44:65	
B*15:31+B*44:106	B*15:55+B*44:41	
B*15:31+B*44:110	B*15:55+B*44:03:01G	
B*15:31+B*46:12	B*15:55+B*46:01:01G	
B*15:31+B*48:01:01G	B*15:55+B*48:03:01	
B*15:31+B*51:64	B*15:55+B*51:06	
B*15:31+B*55:40	B*15:39:01+B*55:41	
B*15:31+B*58:18	B*15:55+B*58:16	
B*15:32+B*18:02	B*15:129+B*18:18	
B*15:32+B*18:03	B*15:70+B*18:18	
B*15:32+B*18:07:01	B*15:56+B*18:18	
B*15:32+B*18:08	B*15:110+B*18:18	
B*15:32+B*18:20	B*15:128+B*18:18	
B*15:32+B*18:31	B*15:145+B*18:18	
B*15:32+B*18:32	B*15:192+B*18:18	
B*15:32+B*18:33	B*15:66+B*18:18	
B*15:32+B*18:40	B*15:78:01+B*18:18	
B*15:32+B*18:49	B*15:135+B*18:18	
B*15:32+B*39:28	B*15:35+B*39:09	
B*15:32+B*39:42	B*15:154+B*39:09	
B*15:32+B*39:48	B*15:38:01+B*39:09	
B*15:32+B*39:53	B*15:193+B*39:09	
B*15:34+B*40:75	B*15:66+B*40:70	
B*15:34+B*40:109	B*15:87+B*40:70	
B*15:34+B*41:14	B*15:159+B*41:07	
B*15:35+B*35:118	B*15:141+B*35:43:01G	
B*15:35+B*39:42	B*15:154+B*39:28	
B*15:35+B*39:48	B*15:38:01+B*39:28	
B*15:35+B*39:53	B*15:193+B*39:28	
B*15:35+B*40:01:01G	B*15:141+B*40:87	
B*15:35+B*51:24:04	B*15:141+B*51:01:01G	
B*15:35+B*55:11	B*15:118+B*55:01:01G	
B*15:35+B*67:03	B*15:141+B*67:01:01	
B*15:36+B*15:76	B*15:89+B*15:101	
B*15:36+B*35:03:01G	B*15:89+B*35:13	
B*15:36+B*35:17	B*15:89+B*35:16	
B*15:36+B*35:29	B*15:89+B*35:69	
B*15:36+B*38:02:03	B*15:89+B*38:04	
B*15:36+B*39:01:01G	B*15:89+B*39:22	
B*15:36+B*39:39	B*15:89+B*39:02:01	
B*15:36+B*40:53	B*15:204+B*40:110	
B*15:36+B*40:106	B*15:89+B*40:07	
B*15:36+B*40:132	B*15:204+B*44:31	
B*15:36+B*44:12	B*15:89+B*44:02:01G	
B*15:36+B*51:01:01G	B*15:89+B*52:06:02	
B*15:36+B*51:07:01	B*15:89+B*52:01:02	
B*15:36+B*55:01:01G	B*15:89+B*55:40	
B*15:36+B*55:47	B*15:89+B*55:34	
B*15:37+B*35:08:01	B*15:99+B*35:24:01	
B*15:37+B*40:36	B*15:133+B*40:113	
B*15:37+B*40:128	B*15:99+B*40:113	
B*15:37+B*51:05	B*15:99+B*51:09:02	
B*15:37+B*53:24	B*15:99+B*53:02	
B*15:37+B*58:22	B*15:99+B*58:09	
B*15:38:01+B*15:39:02	B*15:38:02+B*15:39:01	
B*15:38:01+B*15:107	B*15:78:02+B*15:185	
B*15:38:01+B*15:123:01G	B*15:54+B*15:185	
B*15:38:01+B*18:01:01G	B*15:185+B*18:19	
B*15:38:01+B*35:06	B*15:58+B*35:24:01	
B*15:38:01+B*35:14:01	B*15:38:02+B*35:14:02	
B*15:38:01+B*35:15	B*15:117+B*35:24:01	
B*15:38:01+B*35:27	B*15:135+B*35:24:01	
B*15:38:01+B*35:29	B*15:70+B*35:24:01	
B*15:38:01+B*35:33	B*15:117+B*35:109	
B*15:38:01+B*35:34	B*15:63+B*35:24:01	
B*15:38:01+B*35:50	B*15:71+B*35:24:01	
B*15:38:01+B*35:54	B*15:125+B*35:24:01	
B*15:38:01+B*35:56	B*15:135+B*35:109	
B*15:38:01+B*35:90	B*15:183+B*35:24:01	
B*15:38:01+B*35:91	B*15:192+B*35:24:01	
B*15:38:01+B*35:93	B*15:50+B*35:24:01	
B*15:38:01+B*35:103	B*15:163+B*35:24:01	
B*15:38:01+B*35:136	B*15:70+B*35:109	
B*15:38:01+B*35:150	B*15:183+B*35:109	
B*15:38:01+B*37:21	B*15:56+B*37:04:01	
B*15:38:01+B*38:01:01	B*15:38:02+B*38:01:03	

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B*15:38:01+B*39:01:05	B*15:185+B*39:18	
B*15:38:01+B*39:30	B*15:58+B*39:43	B*15:185+B*39:36
B*15:38:01+B*39:42	B*15:154+B*39:48	
B*15:38:01+B*39:47	B*15:117+B*39:32	
B*15:38:01+B*39:53	B*15:193+B*39:48	
B*15:38:01+B*40:07	B*15:56+B*40:113	
B*15:38:01+B*40:14:01	B*15:38:02+B*40:14:02	
B*15:38:01+B*40:43	B*15:70+B*40:113	
B*15:38:01+B*40:61	B*15:152+B*40:113	
B*15:38:01+B*40:67	B*15:145+B*40:113	
B*15:38:01+B*40:79	B*15:159+B*40:113	
B*15:38:01+B*44:02:01G	B*15:38:02+B*44:02:09	
B*15:38:01+B*46:01:03	B*15:38:02+B*46:01:01G	
B*15:38:01+B*46:13:01	B*15:38:02+B*46:13:03	B*15:185+B*46:01:03
B*15:38:01+B*46:13:03	B*15:185+B*46:01:01G	
B*15:38:01+B*46:21:02	B*15:38:02+B*46:21:01	
B*15:38:01+B*49:07	B*15:117+B*49:09	
B*15:38:01+B*49:12	B*15:192+B*49:09	
B*15:38:01+B*51:24:04	B*15:38:02+B*51:24:03	
B*15:38:01+B*53:03	B*15:43+B*35:24:01	
B*15:38:01+B*53:05	B*15:87+B*35:24:01	
B*15:38:01+B*53:23	B*15:70+B*53:02	
B*15:38:01+B*55:02:01G	B*15:185+B*55:21	
B*15:38:01+B*56:01:01G	B*15:38:02+B*56:01:03	
B*15:38:01+B*58:15	B*15:164+B*58:09	
B*15:38:02+B*35:09:02	B*15:150+B*35:24:01	
B*15:38:02+B*35:64	B*15:78:02+B*35:24:01	
B*15:38:02+B*57:25	B*15:117+B*57:14	
B*15:38:02+B*57:26	B*15:50+B*57:14	
B*15:38:02+B*57:31	B*15:78:01+B*57:14	
B*15:39:01+B*15:109	B*15:163+B*15:195	
B*15:39:01+B*15:186	B*15:93+B*15:136	
B*15:39:01+B*18:30	B*15:65+B*18:15	
B*15:39:01+B*18:50	B*15:40+B*18:36	
B*15:39:01+B*27:04:01G	B*15:40+B*27:63	
B*15:39:01+B*27:45	B*15:65+B*27:05:02G	
B*15:39:01+B*35:03:01G	B*15:39:02+B*35:03:02	
B*15:39:01+B*35:08:03	B*15:65+B*35:01:04	
B*15:39:01+B*35:11:01	B*15:39:02+B*35:11:02	
B*15:39:01+B*35:15	B*15:40+B*35:01:01G	
B*15:39:01+B*35:18	B*15:65+B*35:09:02	
B*15:39:01+B*35:23	B*15:195+B*35:01:04	
B*15:39:01+B*35:33	B*15:40+B*35:03:01G	
B*15:39:01+B*35:45	B*15:65+B*35:71	
B*15:39:01+B*35:64	B*15:107+B*35:11:02	
B*15:39:01+B*35:80	B*15:65+B*35:10	
B*15:39:01+B*35:86	B*15:40+B*35:43:01G	
B*15:39:01+B*35:115	B*15:179+B*35:11:02	
B*15:39:01+B*35:142	B*15:65+B*35:124	
B*15:39:01+B*37:04:01	B*15:185+B*37:13	
B*15:39:01+B*38:01:01	B*15:39:02+B*38:01:03	B*15:136+B*38:10
B*15:39:01+B*39:06:02	B*15:155+B*39:35	
B*15:39:01+B*39:11	B*15:65+B*39:05:01	
B*15:39:01+B*39:48	B*15:185+B*39:35	
B*15:39:01+B*40:01:01G	B*15:40+B*40:63	B*15:138+B*40:92
B*15:39:01+B*40:14:01	B*15:39:02+B*40:14:02	
B*15:39:01+B*40:100	B*15:195+B*40:01:01G	
B*15:39:01+B*40:128	B*15:65+B*40:01:01G	
B*15:39:01+B*44:02:01G	B*15:39:02+B*44:02:09	
B*15:39:01+B*44:16	B*15:40+B*44:91	
B*15:39:01+B*44:21	B*15:40+B*44:02:01G	
B*15:39:01+B*44:28:01	B*15:65+B*44:03:02	
B*15:39:01+B*44:29	B*15:136+B*44:79	
B*15:39:01+B*44:64:02	B*15:40+B*44:37	
B*15:39:01+B*44:76	B*15:65+B*44:79	
B*15:39:01+B*45:10	B*15:40+B*45:04	
B*15:39:01+B*46:01:03	B*15:39:02+B*46:01:01G	
B*15:39:01+B*46:05	B*15:125+B*46:08	
B*15:39:01+B*46:10	B*15:183+B*46:08	
B*15:39:01+B*46:18	B*15:42+B*46:13:03	
B*15:39:01+B*46:19	B*15:136+B*46:08	
B*15:39:01+B*46:21:02	B*15:39:02+B*46:21:01	
B*15:39:01+B*49:07	B*15:40+B*49:01:01	
B*15:39:01+B*51:16	B*15:40+B*51:01:01G	
B*15:39:01+B*51:19	B*15:136+B*51:01:01G	
B*15:39:01+B*51:24:04	B*15:39:02+B*51:24:03	
B*15:39:01+B*51:29	B*15:65+B*51:01:01G	B*35:99+B*52:02
B*15:39:01+B*51:34	B*15:40+B*51:02:01	
B*15:39:01+B*51:36	B*15:199+B*51:02:01	
B*15:39:01+B*51:82	B*15:40+B*51:29	B*15:65+B*51:16
B*15:39:01+B*52:08	B*15:40+B*52:01:01G	
B*15:39:01+B*53:02	B*15:185+B*53:08:01	
B*15:39:01+B*53:08:01	B*15:39:02+B*53:08:02	
B*15:39:01+B*53:11	B*15:65+B*53:13	
B*15:39:01+B*53:16	B*15:65+B*53:05	
B*15:39:01+B*53:24	B*15:65+B*53:01:01	
B*15:39:01+B*55:09	B*15:65+B*55:24	
B*15:39:01+B*55:24	B*15:40+B*56:25	
B*15:39:01+B*55:37	B*15:65+B*55:02:01G	
B*15:39:01+B*57:02:01	B*15:65+B*57:03:01	
B*15:39:01+B*57:19	B*15:65+B*57:01:01G	
B*15:39:01+B*57:25	B*15:40+B*57:01:01G	
B*15:39:01+B*58:09	B*15:185+B*58:19	
B*15:39:01+B*58:22	B*15:65+B*58:01:01G	
B*15:39:02+B*35:64	B*15:107+B*35:11:01	
B*15:39:02+B*35:114	B*15:107+B*35:58	
B*15:39:02+B*35:115	B*15:179+B*35:11:01	
B*15:39:02+B*44:02:01G	B*15:179+B*44:79	
B*15:39:02+B*45:01:01G	B*15:179+B*50:02	
B*15:39:02+B*45:04	B*15:179+B*50:01:01	
B*15:39:02+B*46:18	B*15:42+B*46:13:01	
B*15:39:02+B*48:19	B*15:116+B*48:12	
B*15:39:02+B*51:08	B*15:179+B*51:01:01G	
B*15:39:02+B*51:19	B*15:48+B*51:37	
B*15:39:02+B*51:97	B*15:179+B*51:63	

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B*15:39:02+B*52:19	B*15:179+B*52:01:01G	
B*15:39:02+B*56:13	B*15:179+B*56:25	
B*15:39:02+B*57:24	B*15:179+B*57:22	
B*15:40+B*18:19	B*15:117+B*18:15	
B*15:40+B*35:08:01	B*15:65+B*35:15	
B*15:40+B*35:14:01	B*15:117+B*35:11:01	
B*15:40+B*35:14:02	B*15:117+B*35:11:02	
B*15:40+B*41:08	B*15:199+B*40:14:03	
B*15:40+B*42:05:01	B*15:138+B*42:08	
B*15:40+B*46:01:01G	B*15:117+B*46:08	
B*15:40+B*46:09	B*15:117+B*46:13:03	
B*15:40+B*48:01:01G	B*15:138+B*48:04	
B*15:40+B*48:10	B*15:138+B*48:13	
B*15:40+B*48:19	B*15:117+B*48:01:01G	
B*15:40+B*51:19	B*15:136+B*51:16	
B*15:40+B*51:36	B*15:199+B*51:34	
B*15:40+B*52:21	B*15:117+B*52:01:02	
B*15:40+B*55:21	B*15:50+B*55:24	B*15:117+B*55:01:01G
B*15:40+B*57:19	B*15:65+B*57:25	
B*15:42+B*40:11:02	B*15:86+B*40:148	
B*15:42+B*51:09:01	B*35:60+B*52:02	
B*15:42+B*55:08	B*15:188+B*56:25	
B*15:42+B*81:01:01G	B*48:15+B*55:35	
B*15:43+B*35:06	B*15:58+B*53:03	
B*15:43+B*35:15	B*15:117+B*53:03	
B*15:43+B*35:27	B*15:135+B*53:03	
B*15:43+B*35:29	B*15:70+B*53:03	
B*15:43+B*35:34	B*15:63+B*53:03	
B*15:43+B*35:50	B*15:71+B*53:03	
B*15:43+B*35:54	B*15:125+B*53:03	
B*15:43+B*35:90	B*15:183+B*53:03	
B*15:43+B*35:91	B*15:192+B*53:03	
B*15:43+B*35:93	B*15:50+B*53:03	
B*15:43+B*35:103	B*15:163+B*53:03	
B*15:43+B*39:01:01G	B*15:70+B*38:17	
B*15:43+B*53:05	B*15:87+B*53:03	
B*15:44+B*18:01:01G	B*15:121+B*18:33	
B*15:44+B*35:20:01	B*15:121+B*35:82	
B*15:44+B*39:02:01	B*15:121+B*39:22	
B*15:44+B*39:39	B*15:121+B*39:01:01G	
B*15:44+B*40:06:01G	B*15:121+B*40:75	
B*15:44+B*51:07:01	B*15:121+B*51:22	
B*15:45+B*18:01:01G	B*15:63+B*18:14	
B*15:45+B*27:70	B*15:63+B*27:32	
B*15:45+B*35:01:04	B*15:63+B*35:30	
B*15:45+B*35:41	B*15:126+B*35:34	
B*15:45+B*35:68:02	B*15:63+B*35:05:01	
B*15:45+B*38:01:01	B*15:63+B*38:19	
B*15:45+B*39:01:01G	B*15:58+B*39:29	B*15:63+B*39:03
B*15:45+B*39:05:01	B*15:63+B*39:37	
B*15:45+B*40:11:02	B*15:63+B*40:02:09	
B*15:45+B*40:33	B*15:63+B*40:31	
B*15:45+B*40:36	B*15:58+B*40:31	
B*15:45+B*40:48	B*15:73+B*40:31	
B*15:45+B*40:59	B*15:85+B*40:31	
B*15:45+B*40:114	B*15:63+B*40:45	
B*15:45+B*41:03:02	B*15:63+B*41:02:01	
B*15:45+B*44:03:01G	B*15:63+B*44:110	
B*15:45+B*44:41	B*15:63+B*44:106	
B*15:45+B*44:65	B*15:63+B*44:54	
B*15:45+B*46:01:01G	B*15:63+B*46:12	
B*15:45+B*48:03:01	B*15:63+B*48:01:01G	
B*15:45+B*51:06	B*15:63+B*51:64	
B*15:45+B*58:16	B*15:63+B*58:18	
B*15:46+B*35:25	B*15:54+B*35:47	
B*15:46+B*40:49	B*15:53+B*40:10:02	
B*15:46+B*48:01:01G	B*15:68+B*40:10:02	
B*15:47+B*51:09:01	B*15:123:01G+B*51:82	
B*15:47+B*51:77	B*15:132+B*51:82	
B*15:47+B*51:101	B*15:69+B*51:82	
B*15:47+B*56:01:01G	B*15:123:01G+B*55:09	
B*15:50+B*15:72	B*15:78:01+B*15:93	
B*15:50+B*15:80	B*15:93+B*15:154	
B*15:50+B*15:176	B*15:93+B*15:145	
B*15:50+B*18:10	B*15:117+B*18:11	
B*15:50+B*18:50	B*15:117+B*18:01:01G	
B*15:50+B*27:04:01G	B*15:117+B*27:15	
B*15:50+B*27:05:02G	B*15:117+B*27:71	
B*15:50+B*35:06	B*15:58+B*35:93	
B*15:50+B*35:15	B*15:117+B*35:93	
B*15:50+B*35:27	B*15:135+B*35:93	
B*15:50+B*35:29	B*15:70+B*35:93	
B*15:50+B*35:34	B*15:63+B*35:93	
B*15:50+B*35:50	B*15:71+B*35:93	
B*15:50+B*35:54	B*15:125+B*35:93	
B*15:50+B*35:90	B*15:183+B*35:93	
B*15:50+B*35:91	B*15:192+B*35:93	
B*15:50+B*35:103	B*15:163+B*35:93	
B*15:50+B*35:115	B*15:199+B*35:62	
B*15:50+B*39:47	B*15:117+B*39:01:01G	
B*15:50+B*39:50	B*15:117+B*39:06:02	
B*15:50+B*40:02:01G	B*15:117+B*40:39	
B*15:50+B*45:10	B*15:117+B*45:08	
B*15:50+B*51:16	B*15:117+B*51:21	
B*15:50+B*51:24:04	B*15:78:02+B*51:21	
B*15:50+B*51:27N	B*15:181N+B*51:21	
B*15:50+B*51:41N	B*15:94N+B*51:21	
B*15:50+B*51:53	B*15:105+B*51:21	
B*15:50+B*51:66	B*15:113+B*51:21	
B*15:50+B*51:68	B*15:142+B*51:21	
B*15:50+B*51:95	B*15:193+B*51:21	
B*15:50+B*53:05	B*15:87+B*35:93	
B*15:50+B*55:08	B*15:150+B*56:18	
B*15:50+B*55:22	B*15:117+B*55:02:01G	
B*15:50+B*56:04	B*15:73+B*56:18	

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B*15:50+B*56:09	B*15:85+B*56:18	
B*15:50+B*56:16	B*15:54+B*55:35	
B*15:50+B*56:17	B*15:70+B*56:23	
B*15:50+B*56:20	B*15:78:01+B*55:02:01G	
B*15:50+B*57:25	B*15:117+B*57:26	
B*15:50+B*57:31	B*15:78:01+B*57:26	
B*15:51+B*35:15	B*15:52+B*35:115	
B*15:51+B*35:33	B*15:52+B*35:38	
B*15:51+B*35:35	B*15:186+B*35:115	
B*15:51+B*44:64:02	B*15:52+B*44:91	
B*15:51+B*51:13:02	B*15:133+B*51:97	
B*15:51+B*51:21	B*15:93+B*51:08	
B*15:51+B*51:29	B*15:99+B*51:97	
B*15:51+B*51:31	B*15:52+B*51:08	
B*15:51+B*51:49	B*15:153+B*51:08	
B*15:51+B*52:15	B*15:161+B*52:19	
B*15:51+B*55:01:01G	B*15:93+B*56:13	
B*15:51+B*55:22	B*15:52+B*56:13	
B*15:51+B*57:25	B*15:52+B*57:24	
B*15:52+B*15:116	B*15:78:02+B*15:124	
B*15:52+B*18:15	B*15:93+B*18:50	
B*15:52+B*27:15	B*15:93+B*27:61	
B*15:52+B*35:35	B*15:186+B*35:15	
B*15:52+B*39:35	B*15:93+B*39:47	
B*15:52+B*40:01:01G	B*15:124+B*40:14:03	
B*15:52+B*40:01:14	B*15:124+B*40:14:02	
B*15:52+B*44:79	B*15:161+B*44:64:02	
B*15:52+B*48:01:01G	B*15:124+B*48:10	
B*15:52+B*48:04	B*15:124+B*48:13	
B*15:52+B*51:21	B*15:93+B*51:31	
B*15:52+B*51:49	B*15:114+B*51:01:01G	B*15:153+B*51:31
B*15:52+B*51:101	B*15:186+B*51:16	
B*15:52+B*55:01:01G	B*15:93+B*55:22	
B*15:53+B*35:88	B*35:43:01G+B*40:129	
B*15:53+B*44:06	B*35:43:02+B*44:95	
B*15:53+B*48:01:01G	B*15:68+B*40:49	
B*15:53+B*51:42	B*35:43:02+B*44:50	
B*15:54+B*15:107	B*15:78:02+B*15:123:01G	
B*15:54+B*18:01:01G	B*15:123:01G+B*18:19	
B*15:54+B*35:29	B*15:61+B*35:62	
B*15:54+B*35:35	B*15:69+B*35:62	
B*15:54+B*35:71	B*15:91+B*35:14:01	B*15:131+B*35:62
B*15:54+B*35:103	B*15:98+B*35:62	
B*15:54+B*39:01:05	B*15:123:01G+B*39:18	
B*15:54+B*39:30	B*15:123:01G+B*39:36	
B*15:54+B*46:13:01	B*15:123:01G+B*46:01:03	
B*15:54+B*51:07:01	B*15:64+B*52:21	
B*15:54+B*55:02:01G	B*15:123:01G+B*55:21	
B*15:55+B*35:14:01	B*15:144+B*35:05:01	
B*15:56+B*18:02	B*15:129+B*18:07:01	
B*15:56+B*18:03	B*15:70+B*18:07:01	
B*15:56+B*18:08	B*15:110+B*18:07:01	
B*15:56+B*18:20	B*15:128+B*18:07:01	
B*15:56+B*18:31	B*15:145+B*18:07:01	
B*15:56+B*18:32	B*15:192+B*18:07:01	
B*15:56+B*18:33	B*15:66+B*18:07:01	
B*15:56+B*18:40	B*15:78:01+B*18:07:01	
B*15:56+B*18:49	B*15:135+B*18:07:01	
B*15:56+B*35:76	B*15:76+B*35:10	B*15:101+B*35:01:01G
B*15:56+B*35:82	B*15:66+B*35:01:01G	
B*15:56+B*35:85	B*15:66+B*35:03:01G	
B*15:56+B*35:135	B*15:66+B*35:43:01G	
B*15:56+B*40:43	B*15:70+B*40:07	
B*15:56+B*40:61	B*15:152+B*40:07	
B*15:56+B*40:67	B*15:145+B*40:07	
B*15:56+B*40:79	B*15:159+B*40:07	
B*15:56+B*46:01:01G	B*15:152+B*46:16	
B*15:56+B*51:22	B*15:66+B*51:01:01G	
B*15:56+B*56:06	B*15:101+B*78:02:02	
B*15:56+B*78:03	B*15:66+B*78:01	
B*15:56+B*81:01:01G	B*15:101+B*48:06	B*15:152+B*81:05
B*15:57+B*18:01:01G	B*15:135+B*18:06	
B*15:57+B*35:03:01G	B*15:135+B*35:74	
B*15:57+B*39:01:01G	B*15:135+B*39:27	
B*15:57+B*40:01:01G	B*15:135+B*40:73	
B*15:57+B*55:01:01G	B*15:135+B*55:03	
B*15:58+B*35:15	B*15:117+B*35:06	
B*15:58+B*35:27	B*15:135+B*35:06	
B*15:58+B*35:29	B*15:70+B*35:06	
B*15:58+B*35:39	B*15:63+B*35:59	
B*15:58+B*35:50	B*15:71+B*35:06	
B*15:58+B*35:54	B*15:125+B*35:06	
B*15:58+B*35:90	B*15:183+B*35:06	
B*15:58+B*35:91	B*15:192+B*35:06	
B*15:58+B*35:103	B*15:163+B*35:06	
B*15:58+B*40:33	B*15:63+B*40:36	
B*15:58+B*40:44	B*15:63+B*40:86	
B*15:58+B*40:48	B*15:73+B*40:36	
B*15:58+B*40:59	B*15:85+B*40:36	
B*15:58+B*45:01:01G	B*15:73+B*45:02	
B*15:58+B*50:01:01	B*15:73+B*50:09	
B*15:58+B*51:24:04	B*15:150+B*51:13:02	
B*15:58+B*51:90	B*15:63+B*51:13:02	
B*15:58+B*51:106	B*15:73+B*51:13:02	
B*15:58+B*53:05	B*15:87+B*35:06	
B*15:58+B*55:02:01G	B*15:73+B*55:13	
B*15:58+B*56:01:01G	B*15:73+B*56:22	
B*15:58+B*59:01	B*15:73+B*59:03	
B*15:61+B*15:85	B*15:62+B*15:70	
B*15:61+B*15:128	B*15:70+B*15:156	
B*15:61+B*15:163	B*15:70+B*15:98	
B*15:61+B*18:20	B*15:156+B*18:03	
B*15:61+B*35:35	B*15:69+B*35:29	
B*15:61+B*35:71	B*15:131+B*35:29	
B*15:61+B*35:103	B*15:98+B*35:29	

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B*15:61+B*40:25	B*15:64+B*40:43	
B*15:61+B*40:89	B*15:156+B*40:50	
B*15:61+B*40:132	B*15:131+B*40:43	
B*15:62+B*15:128	B*15:85+B*15:156	
B*15:62+B*15:163	B*15:85+B*15:98	
B*15:63+B*35:15	B*15:117+B*35:34	
B*15:63+B*35:27	B*15:135+B*35:34	
B*15:63+B*35:29	B*15:70+B*35:34	
B*15:63+B*35:50	B*15:71+B*35:34	
B*15:63+B*35:54	B*15:125+B*35:34	
B*15:63+B*35:90	B*15:183+B*35:34	
B*15:63+B*35:91	B*15:192+B*35:34	
B*15:63+B*35:103	B*15:163+B*35:34	
B*15:63+B*40:48	B*15:73+B*40:33	
B*15:63+B*40:59	B*15:85+B*40:33	
B*15:63+B*51:24:04	B*15:150+B*51:90	
B*15:63+B*51:106	B*15:73+B*51:90	
B*15:63+B*53:05	B*15:87+B*35:34	
B*15:64+B*35:85	B*15:133+B*35:20:01	
B*15:64+B*39:42	B*15:80+B*39:39	
B*15:64+B*40:132	B*15:131+B*40:25	
B*15:64+B*52:10	B*15:123:01G+B*51:07:02	
B*15:64+B*52:15	B*15:131+B*51:07:02	
B*15:65+B*35:14:02	B*15:85+B*35:99	
B*15:65+B*35:23	B*15:195+B*35:08:03	
B*15:65+B*35:86	B*15:117+B*35:99	
B*15:65+B*35:118	B*15:78:02+B*35:99	
B*15:65+B*40:100	B*15:195+B*40:128	
B*15:65+B*44:29	B*15:136+B*44:76	
B*15:65+B*51:19	B*15:136+B*51:29	
B*15:66+B*18:02	B*15:129+B*18:33	
B*15:66+B*18:03	B*15:70+B*18:33	
B*15:66+B*18:08	B*15:110+B*18:33	
B*15:66+B*18:20	B*15:128+B*18:33	
B*15:66+B*18:31	B*15:145+B*18:33	
B*15:66+B*18:32	B*15:192+B*18:33	
B*15:66+B*18:40	B*15:78:01+B*18:33	
B*15:66+B*18:49	B*15:135+B*18:33	
B*15:66+B*35:76	B*15:101+B*35:82	
B*15:66+B*38:26	B*15:101+B*38:01:01	
B*15:66+B*39:10	B*15:152+B*39:01:09	
B*15:66+B*40:109	B*15:87+B*40:75	
B*15:66+B*67:01:01	B*15:101+B*39:05:01	
B*15:68+B*46:06	B*46:12+B*48:23	
B*15:69+B*35:71	B*15:131+B*35:35	
B*15:69+B*35:103	B*15:98+B*35:35	
B*15:69+B*39:30	B*15:93+B*39:02:01	
B*15:69+B*51:09:01	B*15:123:01G+B*51:101	
B*15:69+B*51:77	B*15:132+B*51:101	
B*15:70+B*18:02	B*15:129+B*18:03	
B*15:70+B*18:08	B*15:110+B*18:03	
B*15:70+B*18:20	B*15:128+B*18:03	
B*15:70+B*18:31	B*15:145+B*18:03	
B*15:70+B*18:32	B*15:192+B*18:03	
B*15:70+B*18:40	B*15:78:01+B*18:03	
B*15:70+B*18:49	B*15:135+B*18:03	
B*15:70+B*35:15	B*15:117+B*35:29	
B*15:70+B*35:27	B*15:135+B*35:29	
B*15:70+B*35:33	B*15:117+B*35:136	
B*15:70+B*35:50	B*15:71+B*35:29	
B*15:70+B*35:54	B*15:125+B*35:29	
B*15:70+B*35:56	B*15:135+B*35:136	
B*15:70+B*35:90	B*15:183+B*35:29	
B*15:70+B*35:91	B*15:192+B*35:29	
B*15:70+B*35:103	B*15:163+B*35:29	
B*15:70+B*35:150	B*15:183+B*35:136	
B*15:70+B*39:01:01G	B*15:189+B*39:02:02	
B*15:70+B*39:20	B*15:135+B*39:10	
B*15:70+B*39:44	B*15:189+B*39:23	
B*15:70+B*40:37	B*15:135+B*40:50	
B*15:70+B*40:61	B*15:152+B*40:43	
B*15:70+B*40:67	B*15:145+B*40:43	
B*15:70+B*40:79	B*15:159+B*40:43	
B*15:70+B*40:89	B*15:128+B*40:50	
B*15:70+B*53:05	B*15:87+B*35:29	
B*15:70+B*67:01:01	B*15:76+B*39:02:01	B*15:101+B*39:39
B*15:70+B*67:01:02	B*15:76+B*39:02:02	
B*15:71+B*35:15	B*15:117+B*35:50	
B*15:71+B*35:27	B*15:135+B*35:50	
B*15:71+B*35:54	B*15:125+B*35:50	
B*15:71+B*35:90	B*15:183+B*35:50	
B*15:71+B*35:91	B*15:192+B*35:50	
B*15:71+B*35:103	B*15:163+B*35:50	
B*15:71+B*44:105	B*15:125+B*44:103	
B*15:71+B*53:05	B*15:87+B*35:50	
B*15:72+B*15:145	B*15:78:01+B*15:176	
B*15:72+B*15:154	B*15:78:01+B*15:80	
B*15:72+B*18:31	B*15:176+B*18:40	
B*15:72+B*44:89	B*15:108+B*44:53	
B*15:72+B*55:02:01G	B*15:93+B*56:20	
B*15:72+B*57:26	B*15:93+B*57:31	
B*15:73+B*40:59	B*15:85+B*40:48	
B*15:73+B*51:24:04	B*15:150+B*51:106	
B*15:73+B*53:06	B*15:85+B*51:62	
B*15:73+B*54:11	B*15:150+B*54:22	
B*15:73+B*55:08	B*15:150+B*56:04	
B*15:73+B*56:09	B*15:85+B*56:04	
B*15:76+B*18:12	B*15:101+B*18:01:01G	
B*15:76+B*27:05:02G	B*27:67+B*56:03	
B*15:76+B*35:13	B*15:101+B*35:03:01G	
B*15:76+B*35:16	B*15:101+B*35:17	
B*15:76+B*35:60	B*35:43:01G+B*55:35	
B*15:76+B*35:69	B*15:101+B*35:29	
B*15:76+B*35:80	B*15:101+B*35:08:01	
B*15:76+B*38:04	B*15:101+B*38:02:03	

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B*15:76+B*39:01:01G	B*15:189+B*67:01:02	
B*15:76+B*39:22	B*15:101+B*39:01:01G	
B*15:76+B*40:01:01G	B*15:101+B*40:25	
B*15:76+B*40:07	B*15:101+B*40:106	
B*15:76+B*44:02:01G	B*15:101+B*44:12	
B*15:76+B*46:18	B*46:01:01G+B*55:35	
B*15:76+B*48:18	B*15:87+B*81:01:01G	
B*15:76+B*52:01:01G	B*15:101+B*51:07:02	
B*15:76+B*52:06:02	B*15:101+B*51:01:01G	
B*15:76+B*52:09	B*15:87+B*56:06	
B*15:76+B*54:01:01G	B*54:06+B*55:35	
B*15:76+B*55:34	B*15:101+B*55:47	
B*15:76+B*55:40	B*15:101+B*55:01:01G	
B*15:77+B*44:17	B*15:154+B*44:02:01G	
B*15:77+B*44:43:01	B*15:154+B*44:03:01G	
B*15:77+B*57:19	B*15:154+B*57:04	
B*15:78:01+B*18:02	B*15:129+B*18:40	
B*15:78:01+B*18:08	B*15:110+B*18:40	
B*15:78:01+B*18:20	B*15:128+B*18:40	
B*15:78:01+B*18:31	B*15:145+B*18:40	
B*15:78:01+B*18:32	B*15:192+B*18:40	
B*15:78:01+B*18:49	B*15:135+B*18:40	
B*15:78:01+B*40:01:01G	B*15:78:02+B*40:01:14	B*15:116+B*40:14:02
B*15:78:01+B*40:14:03	B*15:78:02+B*40:14:02	
B*15:78:01+B*44:21	B*15:117+B*44:53	
B*15:78:01+B*44:22	B*15:125+B*44:53	
B*15:78:01+B*44:49	B*15:142+B*44:53	
B*15:78:01+B*44:102	B*15:105+B*44:53	
B*15:78:01+B*51:01:09	B*15:78:02+B*51:01:02	
B*15:78:01+B*55:22	B*15:117+B*56:20	
B*15:78:01+B*57:01:07	B*15:78:02+B*57:01:01G	
B*15:78:01+B*57:25	B*15:117+B*57:31	
B*15:78:02+B*18:01:01G	B*15:107+B*18:19	
B*15:78:02+B*18:26	B*15:150+B*18:01:01G	
B*15:78:02+B*27:27	B*15:150+B*27:41	
B*15:78:02+B*35:02:01	B*15:150+B*35:146	
B*15:78:02+B*35:04:01	B*15:150+B*35:01:01G	
B*15:78:02+B*35:04:02	B*15:150+B*35:01:10	
B*15:78:02+B*35:04:03	B*15:150+B*35:01:17	
B*15:78:02+B*35:09:02	B*15:150+B*35:64	
B*15:78:02+B*35:14:02	B*15:85+B*35:118	
B*15:78:02+B*35:22	B*15:150+B*35:51	
B*15:78:02+B*35:86	B*15:117+B*35:118	
B*15:78:02+B*39:01:05	B*15:107+B*39:18	
B*15:78:02+B*39:28	B*15:141+B*39:01:01G	
B*15:78:02+B*39:30	B*15:107+B*39:36	
B*15:78:02+B*40:01:01G	B*15:116+B*40:14:03	B*15:150+B*40:52
B*15:78:02+B*40:02:01G	B*15:150+B*40:03	
B*15:78:02+B*40:11:01	B*15:150+B*40:20	
B*15:78:02+B*42:02	B*15:150+B*42:09	
B*15:78:02+B*44:77	B*15:150+B*44:43:01	
B*15:78:02+B*46:13:01	B*15:107+B*46:01:03	
B*15:78:02+B*46:13:03	B*15:107+B*46:01:01G	
B*15:78:02+B*48:01:01G	B*15:116+B*48:10	
B*15:78:02+B*48:03:01	B*15:150+B*48:23	
B*15:78:02+B*48:04	B*15:116+B*48:13	
B*15:78:02+B*51:16	B*15:117+B*51:24:04	
B*15:78:02+B*51:27N	B*15:181N+B*51:24:04	
B*15:78:02+B*51:41N	B*15:94N+B*51:24:04	
B*15:78:02+B*51:46	B*15:141+B*51:04	
B*15:78:02+B*51:53	B*15:105+B*51:24:04	
B*15:78:02+B*51:66	B*15:113+B*51:24:04	
B*15:78:02+B*51:68	B*15:142+B*51:24:04	
B*15:78:02+B*51:95	B*15:193+B*51:24:04	
B*15:78:02+B*54:04	B*15:150+B*54:14	
B*15:78:02+B*55:02:01G	B*15:107+B*55:21	
B*15:78:02+B*57:02:01	B*15:150+B*57:19	
B*15:78:02+B*57:03:01	B*15:150+B*57:01:01G	
B*15:80+B*15:145	B*15:154+B*15:176	
B*15:80+B*35:151	B*15:133+B*35:01:04	
B*15:84+B*18:15	B*15:195+B*18:13	
B*15:84+B*27:10	B*15:195+B*27:45	
B*15:84+B*35:11:01	B*15:195+B*35:08:01	
B*15:84+B*44:79	B*15:195+B*44:28:02	
B*15:84+B*51:02:02	B*15:195+B*51:05	
B*15:84+B*53:08:01	B*15:195+B*53:24	
B*15:84+B*55:01:01G	B*15:195+B*55:37	
B*15:84+B*57:22	B*15:195+B*57:19	
B*15:84+B*58:19	B*15:195+B*58:22	
B*15:85+B*18:01:01G	B*15:154+B*18:52	
B*15:85+B*35:12:01	B*15:154+B*35:04:01	
B*15:85+B*35:39	B*15:154+B*35:34	
B*15:85+B*35:59	B*15:154+B*35:06	
B*15:85+B*35:61	B*15:154+B*35:08:01	
B*15:85+B*35:86	B*15:117+B*35:14:02	
B*15:85+B*51:01:01G	B*35:14:02+B*52:02	
B*15:85+B*51:07:01	B*15:194+B*52:21	
B*15:85+B*55:08	B*15:150+B*56:09	
B*15:87+B*35:15	B*15:117+B*53:05	
B*15:87+B*35:54	B*15:125+B*53:05	
B*15:87+B*35:90	B*15:183+B*53:05	
B*15:87+B*35:91	B*15:192+B*53:05	
B*15:87+B*35:103	B*15:163+B*53:05	
B*15:88+B*15:93	B*15:121+B*15:200	
B*15:89+B*35:62	B*15:144+B*53:13	
B*15:89+B*35:78	B*15:139+B*53:13	
B*15:89+B*35:93	B*15:121+B*53:13	
B*15:89+B*55:02:01G	B*15:121+B*56:07	
B*15:91+B*18:15	B*15:131+B*18:01:01G	
B*15:91+B*18:30	B*15:131+B*18:13	
B*15:91+B*27:04:01G	B*15:131+B*27:61	
B*15:91+B*27:05:03	B*15:123:01G+B*27:50	
B*15:91+B*27:10	B*15:131+B*27:05:02G	
B*15:91+B*27:40	B*15:131+B*27:08	
B*15:91+B*35:01:01G	B*15:123:01G+B*35:71	

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B*15:91+B*35:08:01	B*15:123:01G+B*35:45	
B*15:91+B*35:21	B*15:131+B*35:24:01	
B*15:91+B*35:58	B*15:131+B*35:05:01	
B*15:91+B*37:13	B*15:131+B*37:01:01G	
B*15:91+B*39:35	B*15:131+B*39:01:01G	B*15:161+B*39:02:01
B*15:91+B*40:01:01G	B*15:123:01G+B*40:132	
B*15:91+B*40:148	B*15:131+B*40:06:01G	
B*15:91+B*44:16	B*15:123:01G+B*44:21	
B*15:91+B*44:37	B*15:123:01G+B*44:03:01G	
B*15:91+B*44:42	B*15:123:01G+B*44:05:01	
B*15:91+B*44:76	B*15:131+B*44:28:02	
B*15:91+B*44:79	B*15:131+B*44:03:01G	
B*15:91+B*44:91	B*15:123:01G+B*44:02:01G	
B*15:91+B*45:04	B*15:123:01G+B*45:01:01G	
B*15:91+B*46:01:01G	B*15:123:01G+B*46:17	B*15:131+B*46:09
B*15:91+B*46:08	B*15:131+B*46:13:03	
B*15:91+B*48:15	B*15:131+B*48:01:01G	
B*15:91+B*49:01:01	B*15:131+B*49:11	
B*15:91+B*50:01:01	B*15:123:01G+B*50:02	
B*15:91+B*51:01:01G	B*15:131+B*51:09:01	
B*15:91+B*51:01:02	B*15:131+B*51:09:02	
B*15:91+B*51:02:01	B*15:123:01G+B*51:23	
B*15:91+B*51:16	B*15:131+B*51:31	
B*15:91+B*52:01:01G	B*15:123:01G+B*52:15	B*15:131+B*52:10
B*15:91+B*53:08:01	B*15:131+B*53:01:01	
B*15:91+B*53:08:02	B*15:131+B*53:01:03	
B*15:91+B*54:20	B*15:131+B*54:10	
B*15:91+B*55:01:01G	B*15:131+B*55:02:01G	
B*15:91+B*55:24	B*15:131+B*55:22	
B*15:91+B*56:25	B*15:131+B*56:01:01G	
B*15:91+B*57:03:01	B*15:123:01G+B*57:07	
B*15:91+B*57:22	B*15:131+B*57:01:01G	
B*15:91+B*58:02	B*15:123:01G+B*58:07	
B*15:91+B*58:19	B*15:131+B*58:01:01G	
B*15:93+B*35:03:01G	B*15:133+B*35:93	
B*15:93+B*35:71	B*15:161+B*35:93	
B*15:93+B*38:01:01	B*15:186+B*38:10	
B*15:93+B*44:29	B*15:186+B*44:79	
B*15:93+B*45:01:01G	B*15:161+B*45:08	
B*15:93+B*46:19	B*15:108+B*46:21:01	B*15:186+B*46:08
B*15:93+B*51:19	B*15:186+B*51:01:01G	
B*15:93+B*51:49	B*15:153+B*51:21	
B*15:93+B*53:12	B*15:115+B*35:93	
B*15:93+B*56:07	B*15:115+B*55:12	
B*15:94N+B*51:16	B*15:117+B*51:41N	
B*15:94N+B*51:27N	B*15:181N+B*51:41N	
B*15:94N+B*51:53	B*15:105+B*51:41N	
B*15:94N+B*51:66	B*15:113+B*51:41N	
B*15:94N+B*51:68	B*15:142+B*51:41N	
B*15:94N+B*51:95	B*15:193+B*51:41N	
B*15:98+B*15:128	B*15:156+B*15:163	
B*15:98+B*35:71	B*15:131+B*35:103	
B*15:99+B*40:36	B*15:133+B*40:128	
B*15:99+B*51:13:02	B*15:133+B*51:29	
B*15:101+B*45:11	B*15:105+B*45:06	
B*15:105+B*44:21	B*15:117+B*44:102	
B*15:105+B*44:22	B*15:125+B*44:102	
B*15:105+B*44:49	B*15:142+B*44:102	
B*15:105+B*51:16	B*15:117+B*51:53	
B*15:105+B*51:27N	B*15:181N+B*51:53	
B*15:105+B*51:66	B*15:113+B*51:53	
B*15:105+B*51:68	B*15:142+B*51:53	
B*15:105+B*51:95	B*15:193+B*51:53	
B*15:107+B*35:115	B*15:179+B*35:64	
B*15:108+B*40:39	B*15:186+B*40:05	
B*15:108+B*44:04	B*15:186+B*44:76	
B*15:108+B*55:02:01G	B*15:186+B*56:25	
B*15:108+B*57:26	B*15:186+B*57:22	
B*15:109+B*40:01:01G	B*15:163+B*40:100	
B*15:110+B*18:02	B*15:129+B*18:08	
B*15:110+B*18:20	B*15:128+B*18:08	
B*15:110+B*18:31	B*15:145+B*18:08	
B*15:110+B*18:32	B*15:192+B*18:08	
B*15:110+B*18:49	B*15:135+B*18:08	
B*15:113+B*51:16	B*15:117+B*51:66	
B*15:113+B*51:27N	B*15:181N+B*51:66	
B*15:113+B*51:68	B*15:142+B*51:66	
B*15:113+B*51:95	B*15:193+B*51:66	
B*15:114+B*27:63	B*15:153+B*27:61	
B*15:114+B*35:11:01	B*15:153+B*35:15	
B*15:114+B*40:05	B*15:153+B*40:02:01G	
B*15:114+B*56:25	B*15:153+B*55:22	
B*15:114+B*57:22	B*15:153+B*57:25	
B*15:115+B*35:03:01G	B*15:133+B*53:12	
B*15:115+B*35:56	B*15:133+B*53:13	
B*15:115+B*35:71	B*15:161+B*53:12	
B*15:117+B*35:27	B*15:135+B*35:15	
B*15:117+B*35:54	B*15:125+B*35:15	
B*15:117+B*35:56	B*15:135+B*35:33	
B*15:117+B*35:90	B*15:183+B*35:15	
B*15:117+B*35:91	B*15:192+B*35:15	
B*15:117+B*35:103	B*15:163+B*35:15	
B*15:117+B*35:150	B*15:183+B*35:33	
B*15:117+B*44:22	B*15:125+B*44:21	
B*15:117+B*44:49	B*15:142+B*44:21	
B*15:117+B*49:12	B*15:192+B*49:07	
B*15:117+B*51:27N	B*15:181N+B*51:16	
B*15:117+B*51:68	B*15:142+B*51:16	
B*15:117+B*51:95	B*15:193+B*51:16	
B*15:121+B*27:25	B*15:144+B*27:15	
B*15:121+B*35:62	B*15:144+B*35:93	
B*15:121+B*35:78	B*15:139+B*35:93	
B*15:121+B*46:09	B*15:144+B*46:21:01	
B*15:123:01G+B*51:77	B*15:132+B*51:09:01	
B*15:125+B*35:27	B*15:135+B*35:54	

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B*15:125+B*35:90	B*15:183+B*35:54			
B*15:125+B*35:91	B*15:192+B*35:54			
B*15:125+B*35:103	B*15:163+B*35:54			
B*15:125+B*44:49	B*15:142+B*44:22			
B*15:125+B*46:10	B*15:183+B*46:05			
B*15:125+B*46:19	B*15:136+B*46:05			
B*15:128+B*18:02	B*15:129+B*18:20			
B*15:128+B*18:31	B*15:145+B*18:20			
B*15:128+B*18:32	B*15:192+B*18:20			
B*15:128+B*18:49	B*15:135+B*18:20			
B*15:128+B*40:37	B*15:135+B*40:89			
B*15:128+B*55:12	B*15:135+B*55:41			
B*15:128+B*55:13	B*15:137+B*56:18			
B*15:128+B*55:43	B*15:178+B*55:41			
B*15:129+B*18:31	B*15:145+B*18:02			
B*15:129+B*18:32	B*15:192+B*18:02			
B*15:129+B*18:49	B*15:135+B*18:02			
B*15:129+B*27:19	B*15:154+B*27:05:02G			
B*15:129+B*27:30	B*15:154+B*27:02			
B*15:131+B*18:33	B*15:161+B*18:12			
B*15:131+B*35:82	B*15:161+B*35:28			
B*15:131+B*39:01:09	B*15:161+B*39:02:02			
B*15:131+B*39:11	B*15:161+B*39:08			
B*15:131+B*50:11	B*15:173+B*50:02			
B*15:131+B*51:22	B*15:161+B*52:01:02			
B*15:133+B*35:71	B*15:161+B*35:03:01G			
B*15:135+B*18:31	B*15:145+B*18:49			
B*15:135+B*18:32	B*15:192+B*18:49			
B*15:135+B*35:90	B*15:183+B*35:27			
B*15:135+B*35:91	B*15:192+B*35:27			
B*15:135+B*35:103	B*15:163+B*35:27			
B*15:135+B*35:150	B*15:183+B*35:56			
B*15:135+B*55:43	B*15:178+B*55:12			
B*15:136+B*46:10	B*15:183+B*46:19			
B*15:139+B*35:62	B*15:144+B*35:78			
B*15:142+B*51:27N	B*15:181N+B*51:68			
B*15:142+B*51:95	B*15:193+B*51:68			
B*15:145+B*18:32	B*15:192+B*18:31			
B*15:145+B*40:61	B*15:152+B*40:67			
B*15:145+B*40:79	B*15:159+B*40:67			
B*15:150+B*35:93	B*15:188+B*35:14:02			
B*15:150+B*46:21:02	B*15:188+B*46:01:01G			
B*15:150+B*54:09	B*15:188+B*54:06			
B*15:152+B*40:79	B*15:159+B*40:61			
B*15:154+B*39:53	B*15:193+B*39:42			
B*15:154+B*44:82	B*15:165+B*44:77			
B*15:155+B*39:48	B*15:185+B*39:06:02			
B*15:161+B*40:67	B*15:176+B*40:132			
B*15:163+B*35:90	B*15:183+B*35:103			
B*15:163+B*35:91	B*15:192+B*35:103			
B*15:181N+B*51:95	B*15:193+B*51:27N			
B*15:183+B*35:91	B*15:192+B*35:90			
B*15:185+B*51:36	B*15:199+B*51:09:01			
B*15:194+B*52:06:02	B*35:11:02+B*52:02			
B*18:01:01G+B*18:10	B*18:11+B*18:50			
B*18:01:01G+B*18:30	B*18:13+B*18:15			
B*18:01:01G+B*27:01	B*18:09+B*27:44			
B*18:01:01G+B*27:02	B*18:10+B*27:62			
B*18:01:01G+B*27:04:01G	B*18:15+B*27:61	B*18:50+B*27:15		
B*18:01:01G+B*27:05:02G	B*18:02+B*27:70	B*18:10+B*27:28	B*18:50+B*27:71	
B*18:01:01G+B*27:05:11	B*18:01:02+B*27:05:02G			
B*18:01:01G+B*27:06	B*18:02+B*27:21			
B*18:01:01G+B*27:08	B*18:03+B*27:44			
B*18:01:01G+B*27:10	B*18:15+B*27:05:02G			
B*18:01:01G+B*27:27	B*18:26+B*27:41			
B*18:01:01G+B*27:32	B*18:14+B*27:70			
B*18:01:01G+B*27:37	B*18:43+B*27:05:02G			
B*18:01:01G+B*27:38	B*18:36+B*27:71			
B*18:01:01G+B*27:40	B*18:15+B*27:08			
B*18:01:01G+B*27:45	B*18:13+B*27:05:02G			
B*18:01:01G+B*27:63	B*18:36+B*27:15			
B*18:01:01G+B*27:71	B*18:11+B*27:28			
B*18:01:01G+B*35:01:01G	B*18:01:06+B*35:01:04	B*18:07:01+B*35:20:01	B*18:07:02+B*35:20:02	B*18:11+B*35:24:01
	B*18:25+B*35:50	B*18:36+B*35:93		
B*18:01:01G+B*35:02:01	B*18:07:01+B*35:95	B*18:11+B*35:81	B*18:26+B*35:146	
B*18:01:01G+B*35:03:01G	B*18:11+B*35:109			
B*18:01:01G+B*35:04:01	B*18:26+B*35:01:01G	B*18:52+B*35:12:01		
B*18:01:01G+B*35:04:02	B*18:26+B*35:01:10			
B*18:01:01G+B*35:04:03	B*18:26+B*35:01:17			
B*18:01:01G+B*35:05:01	B*18:07:01+B*35:72	B*18:14+B*35:68:02		
B*18:01:01G+B*35:06	B*18:52+B*35:59			
B*18:01:01G+B*35:08:01	B*18:01:06+B*35:08:03	B*18:13+B*35:01:01G	B*18:52+B*35:61	
B*18:01:01G+B*35:08:03	B*18:13+B*35:01:04			
B*18:01:01G+B*35:09:01	B*18:40+B*35:04:01			
B*18:01:01G+B*35:09:02	B*18:26+B*35:64			
B*18:01:01G+B*35:10	B*18:07:01+B*35:28	B*18:12+B*35:01:01G		
B*18:01:01G+B*35:11:01	B*18:11+B*35:21	B*18:15+B*35:01:01G		
B*18:01:01G+B*35:12:02	B*18:01:06+B*35:12:01			
B*18:01:01G+B*35:13	B*18:12+B*35:03:01G			
B*18:01:01G+B*35:14:01	B*18:15+B*35:62	B*18:19+B*35:01:01G		
B*18:01:01G+B*35:15	B*18:50+B*35:93			
B*18:01:01G+B*35:16	B*18:12+B*35:17			
B*18:01:01G+B*35:18	B*18:13+B*35:09:02			
B*18:01:01G+B*35:21	B*18:15+B*35:24:01			
B*18:01:01G+B*35:22	B*18:26+B*35:51			
B*18:01:01G+B*35:27	B*18:49+B*35:01:01G			
B*18:01:01G+B*35:28	B*18:12+B*35:20:01			
B*18:01:01G+B*35:29	B*18:03+B*35:01:01G			
B*18:01:01G+B*35:30	B*18:14+B*35:01:04			
B*18:01:01G+B*35:34	B*18:52+B*35:39			
B*18:01:01G+B*35:44	B*18:26+B*35:43:01G			
B*18:01:01G+B*35:45	B*18:13+B*35:71			
B*18:01:01G+B*35:48	B*18:18+B*35:01:04			
B*18:01:01G+B*35:56	B*18:49+B*35:03:01G			
B*18:01:01G+B*35:58	B*18:15+B*35:05:01			

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B*18:01:01G+B*35:68:01	B*18:01:06+B*35:68:02			
B*18:01:01G+B*35:69	B*18:03+B*35:10	B*18:12+B*35:29		
B*18:01:01G+B*35:74	B*18:06+B*35:03:01G			
B*18:01:01G+B*35:80	B*18:12+B*35:08:01	B*18:13+B*35:10		
B*18:01:01G+B*35:82	B*18:33+B*35:20:01			
B*18:01:01G+B*35:91	B*18:32+B*35:01:01G			
B*18:01:01G+B*35:136	B*18:03+B*35:03:01G			
B*18:01:01G+B*35:142	B*18:13+B*35:124			
B*18:01:01G+B*35:150	B*18:25+B*35:84			
B*18:01:01G+B*37:01:01G	B*18:11+B*37:04:01			
B*18:01:01G+B*37:10	B*18:09+B*37:11			
B*18:01:01G+B*37:13	B*18:15+B*37:01:01G			
B*18:01:01G+B*37:21	B*18:07:01+B*37:01:01G			
B*18:01:01G+B*38:02:01G	B*18:09+B*39:05:01			
B*18:01:01G+B*38:04	B*18:12+B*38:02:03			
B*18:01:01G+B*38:14	B*18:03+B*38:01:01			
B*18:01:01G+B*38:19	B*18:14+B*38:01:01			
B*18:01:01G+B*39:01:01G	B*18:03+B*39:05:01	B*18:11+B*39:48	B*18:33+B*39:39	B*18:43+B*39:31
B*18:01:01G+B*39:02:01	B*18:12+B*39:39			
B*18:01:01G+B*39:02:02	B*18:03+B*39:13:01			
B*18:01:01G+B*39:03	B*18:03+B*39:37	B*18:14+B*39:01:01G		
B*18:01:01G+B*39:04	B*18:25+B*39:31			
B*18:01:01G+B*39:06:02	B*18:01:06+B*39:06:01			
B*18:01:01G+B*39:09	B*18:18+B*39:01:01G			
B*18:01:01G+B*39:11	B*18:13+B*39:05:01			
B*18:01:01G+B*39:15	B*18:03+B*39:55			
B*18:01:01G+B*39:18	B*18:19+B*39:01:05			
B*18:01:01G+B*39:22	B*18:12+B*39:01:01G	B*18:33+B*39:02:01		
B*18:01:01G+B*39:27	B*18:06+B*39:01:01G			
B*18:01:01G+B*39:32	B*18:36+B*39:48			
B*18:01:01G+B*39:35	B*18:15+B*39:01:01G			
B*18:01:01G+B*39:36	B*18:19+B*39:30			
B*18:01:01G+B*39:37	B*18:14+B*39:05:01			
B*18:01:01G+B*39:47	B*18:10+B*39:48	B*18:50+B*39:01:01G		
B*18:01:01G+B*39:50	B*18:50+B*39:06:02			
B*18:01:01G+B*39:58	B*18:07:01+B*39:39			
B*18:01:01G+B*40:01:01G	B*18:11+B*40:113	B*18:12+B*40:25	B*18:26+B*40:52	
B*18:01:01G+B*40:01:04	B*18:01:06+B*40:01:01G			
B*18:01:01G+B*40:01:14	B*18:40+B*40:87			
B*18:01:01G+B*40:02:01G	B*18:14+B*40:11:01	B*18:26+B*40:03	B*18:40+B*40:35	B*18:50+B*40:39
B*18:01:01G+B*40:02:09	B*18:01:06+B*40:02:01G	B*18:14+B*40:11:02		
B*18:01:01G+B*40:03	B*18:14+B*40:20			
B*18:01:01G+B*40:07	B*18:07:01+B*40:01:01G	B*18:12+B*40:106		
B*18:01:01G+B*40:09	B*18:20+B*40:18			
B*18:01:01G+B*40:11:01	B*18:26+B*40:20			
B*18:01:01G+B*40:11:02	B*18:01:06+B*40:11:01			
B*18:01:01G+B*40:13	B*18:07:01+B*40:19			
B*18:01:01G+B*40:14:01	B*18:40+B*40:121			
B*18:01:01G+B*40:23	B*18:30+B*40:114			
B*18:01:01G+B*40:31	B*18:14+B*40:33			
B*18:01:01G+B*40:37	B*18:49+B*40:02:01G			
B*18:01:01G+B*40:40	B*18:43+B*40:02:01G			
B*18:01:01G+B*40:42	B*18:20+B*40:33			
B*18:01:01G+B*40:43	B*18:03+B*40:01:01G			
B*18:01:01G+B*40:45	B*18:14+B*40:114			
B*18:01:01G+B*40:47	B*18:09+B*40:01:01G			
B*18:01:01G+B*40:49	B*18:25+B*40:74	B*18:43+B*40:01:01G		
B*18:01:01G+B*40:50	B*18:03+B*40:02:01G			
B*18:01:01G+B*40:67	B*18:31+B*40:01:01G			
B*18:01:01G+B*40:73	B*18:06+B*40:01:01G			
B*18:01:01G+B*40:75	B*18:33+B*40:06:01G			
B*18:01:01G+B*40:80	B*18:14+B*40:01:01G			
B*18:01:01G+B*40:89	B*18:20+B*40:02:01G			
B*18:01:01G+B*40:96	B*18:09+B*40:06:01G			
B*18:01:01G+B*40:106	B*18:07:01+B*40:25			
B*18:01:01G+B*40:110	B*18:25+B*40:96			
B*18:01:01G+B*40:123	B*18:24+B*40:01:01G			
B*18:01:01G+B*40:124:01	B*18:01:06+B*40:124:02			
B*18:01:01G+B*40:128	B*18:13+B*40:01:01G			
B*18:01:01G+B*40:129	B*18:25+B*40:04			
B*18:01:01G+B*40:148	B*18:15+B*40:06:01G			
B*18:01:01G+B*40:157	B*18:09+B*40:02:01G			
B*18:01:01G+B*41:02:01	B*18:14+B*41:03:02			
B*18:01:01G+B*42:01:01	B*18:40+B*42:10	B*18:43+B*42:02		
B*18:01:01G+B*42:02	B*18:26+B*42:09			
B*18:01:01G+B*44:02:01G	B*18:09+B*44:09	B*18:12+B*44:12	B*18:20+B*44:51	B*18:43+B*44:55
B*18:01:01G+B*44:02:07	B*18:01:06+B*44:02:01G			
B*18:01:01G+B*44:03:01G	B*18:01:09+B*44:03:12	B*18:09+B*44:46	B*18:20+B*44:45	B*18:25+B*44:103
	B*18:49+B*44:109			
B*18:01:01G+B*44:03:02	B*18:01:06+B*44:03:01G			
B*18:01:01G+B*44:28:01	B*18:01:06+B*44:28:02	B*18:13+B*44:03:02		
B*18:01:01G+B*44:28:02	B*18:13+B*44:03:01G	B*18:36+B*44:04		
B*18:01:01G+B*44:53	B*18:40+B*44:02:01G			
B*18:01:01G+B*44:54	B*18:14+B*44:65			
B*18:01:01G+B*44:59	B*18:05+B*44:02:01G			
B*18:01:01G+B*44:64:01	B*18:01:06+B*44:64:02			
B*18:01:01G+B*44:72	B*18:45+B*44:02:01G			
B*18:01:01G+B*44:76	B*18:13+B*44:79	B*18:15+B*44:28:02	B*18:30+B*44:03:01G	
B*18:01:01G+B*44:77	B*18:26+B*44:43:01			
B*18:01:01G+B*44:79	B*18:15+B*44:03:01G			
B*18:01:01G+B*44:106	B*18:14+B*44:41			
B*18:01:01G+B*44:108N	B*18:23N+B*44:03:01G			
B*18:01:01G+B*44:110	B*18:14+B*44:03:01G			
B*18:01:01G+B*45:04	B*18:36+B*45:08			
B*18:01:01G+B*45:10	B*18:50+B*45:08			
B*18:01:01G+B*46:01:01G	B*18:15+B*46:09	B*18:19+B*46:13:03	B*18:43+B*46:14	
B*18:01:01G+B*46:01:03	B*18:19+B*46:13:01			
B*18:01:01G+B*46:03	B*18:30+B*46:21:01			
B*18:01:01G+B*46:08	B*18:15+B*46:13:03			
B*18:01:01G+B*46:11	B*18:36+B*46:18			
B*18:01:01G+B*46:12	B*18:14+B*46:01:01G			
B*18:01:01G+B*46:13:01	B*18:36+B*46:21:02			
B*18:01:01G+B*46:13:03	B*18:36+B*46:21:01			
B*18:01:01G+B*47:06	B*18:31+B*47:01:01G			
B*18:01:01G+B*48:01:01G	B*18:14+B*48:03:01			

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B*18:01:01G+B*48:03:01	B*18:26+B*48:23			
B*18:01:01G+B*48:03:02	B*18:01:06+B*48:03:01			
B*18:01:01G+B*48:15	B*18:15+B*48:01:01G			
B*18:01:01G+B*48:21	B*18:02+B*48:03:01			
B*18:01:01G+B*49:01:01	B*18:11+B*49:09	B*18:15+B*49:11		
B*18:01:01G+B*49:02	B*18:09+B*50:01:01			
B*18:01:01G+B*49:10	B*18:43+B*49:01:01			
B*18:01:01G+B*49:12	B*18:32+B*49:01:01			
B*18:01:01G+B*51:01:01G	B*18:01:06+B*51:01:16	B*18:07:01+B*51:07:01	B*18:15+B*51:09:01	B*18:26+B*51:37
	B*18:36+B*51:21			
B*18:01:01G+B*51:01:02	B*18:07:01+B*51:07:02	B*18:15+B*51:09:02		
B*18:01:01G+B*51:02:01	B*18:11+B*51:01:01G			
B*18:01:01G+B*51:02:02	B*18:11+B*51:01:02			
B*18:01:01G+B*51:02:04	B*18:11+B*51:01:04			
B*18:01:01G+B*51:16	B*18:15+B*51:31	B*18:50+B*51:21		
B*18:01:01G+B*51:20	B*18:03+B*51:08			
B*18:01:01G+B*51:22	B*18:33+B*51:07:01			
B*18:01:01G+B*51:24:01	B*18:40+B*51:01:04			
B*18:01:01G+B*51:29	B*18:13+B*51:01:01G	B*18:30+B*51:09:01		
B*18:01:01G+B*51:34	B*18:10+B*51:21	B*18:11+B*51:16		
B*18:01:01G+B*51:59	B*18:11+B*51:06			
B*18:01:01G+B*51:64	B*18:14+B*51:06			
B*18:01:01G+B*51:78	B*18:09+B*78:02:02			
B*18:01:01G+B*51:82	B*18:13+B*51:16	B*18:30+B*51:31		
B*18:01:01G+B*52:01:01G	B*18:12+B*51:07:02	B*18:15+B*52:10		
B*18:01:01G+B*52:01:02	B*18:12+B*51:07:01	B*18:49+B*52:09		
B*18:01:01G+B*52:06:02	B*18:07:01+B*52:01:02	B*18:12+B*51:01:01G		
B*18:01:01G+B*52:11	B*18:11+B*52:01:01G			
B*18:01:01G+B*52:20	B*18:09+B*78:05			
B*18:01:01G+B*53:01:01	B*18:11+B*53:02	B*18:49+B*53:05		
B*18:01:01G+B*53:08:01	B*18:15+B*53:01:01			
B*18:01:01G+B*53:08:02	B*18:15+B*53:01:03			
B*18:01:01G+B*53:09	B*18:09+B*35:20:01			
B*18:01:01G+B*53:11	B*18:09+B*35:08:01	B*18:13+B*53:13		
B*18:01:01G+B*53:13	B*18:07:01+B*53:09	B*18:09+B*35:01:01G	B*18:49+B*53:12	
B*18:01:01G+B*53:16	B*18:13+B*53:05			
B*18:01:01G+B*53:23	B*18:03+B*53:01:01			
B*18:01:01G+B*53:24	B*18:13+B*53:01:01	B*18:49+B*53:16		
B*18:01:01G+B*54:01:01G	B*18:25+B*54:02			
B*18:01:01G+B*54:03	B*18:36+B*54:01:01G			
B*18:01:01G+B*54:04	B*18:26+B*54:14			
B*18:01:01G+B*54:10	B*18:13+B*54:01:01G			
B*18:01:01G+B*54:20	B*18:15+B*54:10	B*18:30+B*54:01:01G		
B*18:01:01G+B*55:01:01G	B*18:03+B*55:31	B*18:15+B*55:02:01G		
B*18:01:01G+B*55:02:01G	B*18:01:06+B*55:02:04	B*18:43+B*55:16		
B*18:01:01G+B*55:03	B*18:06+B*55:01:01G			
B*18:01:01G+B*55:09	B*18:13+B*55:24	B*18:30+B*55:22		
B*18:01:01G+B*55:12	B*18:49+B*55:02:01G			
B*18:01:01G+B*55:15	B*18:42+B*55:01:01G			
B*18:01:01G+B*55:21	B*18:19+B*55:02:01G			
B*18:01:01G+B*55:22	B*18:50+B*55:02:01G			
B*18:01:01G+B*55:24	B*18:15+B*55:22	B*18:50+B*55:01:01G		
B*18:01:01G+B*55:34	B*18:12+B*55:47			
B*18:01:01G+B*55:37	B*18:13+B*55:02:01G			
B*18:01:01G+B*55:40	B*18:12+B*55:01:01G			
B*18:01:01G+B*55:41	B*18:20+B*55:02:01G			
B*18:01:01G+B*56:01:01G	B*18:36+B*55:02:01G			
B*18:01:01G+B*56:02	B*18:36+B*56:10			
B*18:01:01G+B*56:07	B*18:09+B*56:01:01G			
B*18:01:01G+B*56:20	B*18:40+B*56:01:01G			
B*18:01:01G+B*56:22	B*18:36+B*55:13			
B*18:01:01G+B*56:25	B*18:15+B*56:01:01G	B*18:36+B*55:01:01G		
B*18:01:01G+B*57:01:01G	B*18:36+B*57:26			
B*18:01:01G+B*57:02:01	B*18:13+B*57:03:01	B*18:26+B*57:19		
B*18:01:01G+B*57:03:01	B*18:26+B*57:01:01G			
B*18:01:01G+B*57:19	B*18:13+B*57:01:01G			
B*18:01:01G+B*57:22	B*18:15+B*57:01:01G			
B*18:01:01G+B*57:23	B*18:24+B*57:01:01G			
B*18:01:01G+B*57:25	B*18:50+B*57:26			
B*18:01:01G+B*57:31	B*18:40+B*57:01:01G			
B*18:01:01G+B*58:01:01G	B*18:11+B*58:09			
B*18:01:01G+B*58:06	B*18:15+B*58:02			
B*18:01:01G+B*58:18	B*18:14+B*58:16			
B*18:01:01G+B*58:19	B*18:15+B*58:01:01G			
B*18:01:01G+B*58:21	B*18:51+B*58:01:01G			
B*18:01:01G+B*58:22	B*18:13+B*58:01:01G			
B*18:01:01G+B*59:04	B*18:36+B*59:01			
B*18:01:01G+B*78:01	B*18:03+B*78:02:02	B*18:36+B*78:07		
B*18:01:01G+B*78:06	B*18:49+B*78:05			
B*18:01:02+B*27:10	B*18:15+B*27:05:11			
B*18:01:02+B*27:37	B*18:43+B*27:05:11			
B*18:01:02+B*27:45	B*18:13+B*27:05:11			
B*18:01:06+B*35:04:01	B*18:52+B*35:12:02			
B*18:01:06+B*35:05:01	B*18:14+B*35:68:01	B*18:52+B*35:51		
B*18:01:06+B*35:30	B*18:14+B*35:01:01G			
B*18:01:06+B*35:48	B*18:18+B*35:01:01G			
B*18:01:06+B*40:07	B*18:07:01+B*40:01:04			
B*18:01:06+B*40:24	B*18:52+B*40:18			
B*18:01:06+B*40:37	B*18:49+B*40:02:09			
B*18:01:06+B*40:40	B*18:43+B*40:02:09			
B*18:01:06+B*40:43	B*18:03+B*40:01:04			
B*18:01:06+B*40:47	B*18:09+B*40:01:04			
B*18:01:06+B*40:49	B*18:43+B*40:01:04			
B*18:01:06+B*40:50	B*18:03+B*40:02:09			
B*18:01:06+B*40:67	B*18:31+B*40:01:04			
B*18:01:06+B*40:73	B*18:06+B*40:01:04			
B*18:01:06+B*40:80	B*18:14+B*40:01:04			
B*18:01:06+B*40:89	B*18:20+B*40:02:09			
B*18:01:06+B*40:123	B*18:24+B*40:01:04			
B*18:01:06+B*40:128	B*18:13+B*40:01:04			
B*18:01:06+B*40:157	B*18:09+B*40:02:09			
B*18:01:06+B*44:53	B*18:40+B*44:02:07			
B*18:01:06+B*44:59	B*18:05+B*44:02:07			
B*18:01:06+B*44:72	B*18:45+B*44:02:07			
B*18:01:06+B*44:76	B*18:15+B*44:28:01	B*18:30+B*44:03:02		

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B*18:01:06+B*44:79	B*18:15+B*44:03:02
B*18:01:06+B*44:108N	B*18:23N+B*44:03:02
B*18:01:06+B*44:110	B*18:14+B*44:03:02
B*18:01:06+B*48:01:01G	B*18:14+B*48:03:02
B*18:01:06+B*48:21	B*18:02+B*48:03:02
B*18:01:09+B*27:05:02G	B*18:37+B*27:52
B*18:01:09+B*35:47	B*18:48+B*35:01:19
B*18:01:09+B*35:49	B*18:37+B*35:01:19
B*18:01:09+B*40:07	B*18:07:02+B*40:01:03
B*18:02+B*27:32	B*18:14+B*27:05:02G
B*18:02+B*48:01:01G	B*18:14+B*48:21
B*18:03+B*27:01	B*18:09+B*27:08
B*18:03+B*35:04:01	B*18:26+B*35:29
B*18:03+B*35:08:01	B*18:13+B*35:29
B*18:03+B*35:11:01	B*18:15+B*35:29
B*18:03+B*35:13	B*18:12+B*35:136
B*18:03+B*35:14:01	B*18:19+B*35:29
B*18:03+B*35:27	B*18:49+B*35:29
B*18:03+B*35:56	B*18:49+B*35:136
B*18:03+B*35:74	B*18:06+B*35:136
B*18:03+B*35:80	B*18:13+B*35:69
B*18:03+B*35:91	B*18:32+B*35:29
B*18:03+B*38:02:01G	B*18:09+B*39:01:01G
B*18:03+B*38:02:03	B*18:09+B*39:01:09
B*18:03+B*38:19	B*18:14+B*38:14
B*18:03+B*39:08	B*18:13+B*39:02:01
B*18:03+B*39:11	B*18:13+B*39:01:01G
B*18:03+B*39:20	B*18:49+B*39:10
B*18:03+B*40:07	B*18:07:01+B*40:43
B*18:03+B*40:37	B*18:49+B*40:50
B*18:03+B*40:40	B*18:43+B*40:50
B*18:03+B*40:47	B*18:09+B*40:43
B*18:03+B*40:49	B*18:43+B*40:43
B*18:03+B*40:67	B*18:31+B*40:43
B*18:03+B*40:73	B*18:06+B*40:43
B*18:03+B*40:80	B*18:14+B*40:43
B*18:03+B*40:89	B*18:20+B*40:50
B*18:03+B*40:123	B*18:24+B*40:43
B*18:03+B*40:128	B*18:13+B*40:43
B*18:03+B*40:157	B*18:09+B*40:50
B*18:03+B*51:78	B*18:09+B*78:01
B*18:03+B*53:08:01	B*18:15+B*53:23
B*18:03+B*53:13	B*18:09+B*35:29
B*18:03+B*53:24	B*18:13+B*53:23
B*18:04+B*35:124	B*18:25+B*35:42:02
B*18:05+B*44:53	B*18:40+B*44:59
B*18:05+B*44:72	B*18:45+B*44:59
B*18:06+B*35:13	B*18:12+B*35:74
B*18:06+B*35:56	B*18:49+B*35:74
B*18:06+B*39:03	B*18:14+B*39:27
B*18:06+B*39:09	B*18:18+B*39:27
B*18:06+B*39:22	B*18:12+B*39:27
B*18:06+B*39:35	B*18:15+B*39:27
B*18:06+B*39:47	B*18:50+B*39:27
B*18:06+B*40:07	B*18:07:01+B*40:73
B*18:06+B*40:47	B*18:09+B*40:73
B*18:06+B*40:49	B*18:43+B*40:73
B*18:06+B*40:67	B*18:31+B*40:73
B*18:06+B*40:80	B*18:14+B*40:73
B*18:06+B*40:123	B*18:24+B*40:73
B*18:06+B*40:128	B*18:13+B*40:73
B*18:06+B*55:15	B*18:42+B*55:03
B*18:06+B*55:24	B*18:50+B*55:03
B*18:06+B*55:40	B*18:12+B*55:03
B*18:06+B*56:25	B*18:36+B*55:03
B*18:07:01+B*35:02:01	B*18:07:02+B*35:02:02
B*18:07:01+B*35:82	B*18:33+B*35:01:01G
B*18:07:01+B*35:85	B*18:33+B*35:03:01G
B*18:07:01+B*35:135	B*18:33+B*35:43:01G
B*18:07:01+B*37:13	B*18:15+B*37:21
B*18:07:01+B*39:01:01G	B*18:33+B*39:58
B*18:07:01+B*39:02:01	B*18:12+B*39:58
B*18:07:01+B*40:02:01G	B*18:12+B*40:08
B*18:07:01+B*40:04	B*18:12+B*40:68
B*18:07:01+B*40:47	B*18:09+B*40:07
B*18:07:01+B*40:49	B*18:43+B*40:07
B*18:07:01+B*40:67	B*18:31+B*40:07
B*18:07:01+B*40:80	B*18:14+B*40:07
B*18:07:01+B*40:123	B*18:24+B*40:07
B*18:07:01+B*40:128	B*18:13+B*40:07
B*18:07:01+B*48:01:01G	B*18:12+B*48:06
B*18:07:01+B*51:22	B*18:33+B*51:01:01G
B*18:07:01+B*52:01:01G	B*18:12+B*51:01:02
B*18:07:01+B*52:02	B*18:12+B*51:104
B*18:07:01+B*52:10	B*18:12+B*51:09:02
B*18:07:01+B*52:11	B*18:12+B*51:02:02
B*18:07:01+B*78:03	B*18:33+B*78:01
B*18:07:01+B*78:05	B*18:12+B*78:02:01
B*18:09+B*35:04:01	B*18:26+B*53:13
B*18:09+B*35:10	B*18:12+B*53:13
B*18:09+B*35:11:01	B*18:15+B*53:13
B*18:09+B*35:14:01	B*18:19+B*53:13
B*18:09+B*35:27	B*18:49+B*53:13
B*18:09+B*35:28	B*18:12+B*53:09
B*18:09+B*35:80	B*18:12+B*53:11
B*18:09+B*35:82	B*18:33+B*53:09
B*18:09+B*35:91	B*18:32+B*53:13
B*18:09+B*39:02:01	B*18:49+B*38:03
B*18:09+B*39:11	B*18:13+B*38:02:01G
B*18:09+B*39:37	B*18:14+B*38:02:01G
B*18:09+B*40:37	B*18:49+B*40:157
B*18:09+B*40:40	B*18:43+B*40:157
B*18:09+B*40:49	B*18:43+B*40:47
B*18:09+B*40:67	B*18:31+B*40:47
B*18:09+B*40:75	B*18:33+B*40:96

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B*18:09+B*40:80	B*18:14+B*40:47	
B*18:09+B*40:89	B*18:20+B*40:157	
B*18:09+B*40:123	B*18:24+B*40:47	
B*18:09+B*40:128	B*18:13+B*40:47	
B*18:09+B*40:148	B*18:15+B*40:96	
B*18:09+B*44:75	B*18:49+B*44:05:01	
B*18:09+B*45:01:01G	B*18:49+B*44:15	
B*18:09+B*56:20	B*18:40+B*56:07	
B*18:09+B*56:25	B*18:15+B*56:07	
B*18:09+B*78:06	B*18:49+B*52:20	
B*18:10+B*27:15	B*18:11+B*27:04:01G	
B*18:10+B*27:71	B*18:11+B*27:05:02G	
B*18:10+B*35:21	B*18:50+B*35:11:01	
B*18:10+B*35:24:01	B*18:36+B*35:15	B*18:50+B*35:01:01G
B*18:10+B*35:81	B*18:50+B*35:02:01	
B*18:10+B*35:93	B*18:11+B*35:15	
B*18:10+B*35:96	B*18:15+B*35:33	
B*18:10+B*35:109	B*18:36+B*35:33	B*18:50+B*35:03:01G
B*18:10+B*37:04:01	B*18:50+B*37:01:01G	
B*18:10+B*39:01:01G	B*18:11+B*39:47	
B*18:10+B*39:06:02	B*18:11+B*39:50	
B*18:10+B*39:32	B*18:36+B*39:47	
B*18:10+B*40:01:01G	B*18:35+B*40:130	
B*18:10+B*40:39	B*18:11+B*40:02:01G	
B*18:10+B*40:113	B*18:50+B*40:01:01G	
B*18:10+B*42:05:02	B*18:35+B*42:08	
B*18:10+B*45:08	B*18:11+B*45:10	
B*18:10+B*49:09	B*18:36+B*49:07	B*18:50+B*49:01:01
B*18:10+B*51:01:01G	B*18:36+B*51:34	B*18:50+B*51:02:01
B*18:10+B*51:01:02	B*18:50+B*51:02:02	
B*18:10+B*51:01:04	B*18:50+B*51:02:04	
B*18:10+B*51:06	B*18:50+B*51:59	
B*18:10+B*51:16	B*18:50+B*51:34	
B*18:10+B*52:01:01G	B*18:50+B*52:11	
B*18:10+B*53:02	B*18:50+B*53:01:01	
B*18:10+B*55:01:01G	B*18:11+B*55:24	
B*18:10+B*55:02:01G	B*18:11+B*55:22	
B*18:10+B*57:26	B*18:11+B*57:25	
B*18:10+B*58:09	B*18:50+B*58:01:01G	
B*18:11+B*39:32	B*18:36+B*39:01:01G	
B*18:11+B*51:24:01	B*18:40+B*51:02:04	
B*18:11+B*51:29	B*18:13+B*51:02:01	
B*18:11+B*51:61	B*18:19+B*51:40	
B*18:11+B*51:64	B*18:14+B*51:59	
B*18:11+B*51:82	B*18:13+B*51:34	
B*18:11+B*52:01:02	B*18:15+B*52:03	
B*18:11+B*52:06:02	B*18:12+B*51:02:01	
B*18:11+B*52:21	B*18:19+B*52:03	
B*18:11+B*78:02:01	B*18:15+B*78:04	
B*18:12+B*35:04:01	B*18:26+B*35:10	
B*18:12+B*35:11:01	B*18:15+B*35:10	
B*18:12+B*35:14:01	B*18:19+B*35:10	
B*18:12+B*35:27	B*18:49+B*35:10	
B*18:12+B*35:56	B*18:49+B*35:13	
B*18:12+B*35:82	B*18:33+B*35:28	
B*18:12+B*35:91	B*18:32+B*35:10	
B*18:12+B*39:01:09	B*18:33+B*39:02:02	
B*18:12+B*39:03	B*18:14+B*39:22	
B*18:12+B*39:09	B*18:18+B*39:22	
B*18:12+B*39:11	B*18:33+B*39:08	
B*18:12+B*39:35	B*18:15+B*39:22	
B*18:12+B*39:47	B*18:50+B*39:22	
B*18:12+B*51:22	B*18:33+B*52:01:02	
B*18:12+B*51:29	B*18:13+B*52:06:02	
B*18:12+B*55:15	B*18:42+B*55:40	
B*18:12+B*55:24	B*18:50+B*55:40	
B*18:12+B*56:25	B*18:36+B*55:40	
B*18:13+B*27:04:01G	B*18:30+B*27:61	
B*18:13+B*27:10	B*18:15+B*27:45	B*18:30+B*27:05:02G
B*18:13+B*27:37	B*18:43+B*27:45	
B*18:13+B*27:40	B*18:30+B*27:08	
B*18:13+B*35:04:01	B*18:26+B*35:08:01	
B*18:13+B*35:11:01	B*18:15+B*35:08:01	B*18:30+B*35:01:01G
B*18:13+B*35:12:01	B*18:26+B*35:61	
B*18:13+B*35:14:01	B*18:19+B*35:08:01	B*18:30+B*35:62
B*18:13+B*35:21	B*18:30+B*35:24:01	
B*18:13+B*35:27	B*18:49+B*35:08:01	
B*18:13+B*35:30	B*18:14+B*35:08:03	
B*18:13+B*35:48	B*18:18+B*35:08:03	
B*18:13+B*35:58	B*18:30+B*35:05:01	
B*18:13+B*35:91	B*18:32+B*35:08:01	
B*18:13+B*37:13	B*18:30+B*37:01:01G	
B*18:13+B*39:35	B*18:30+B*39:01:01G	
B*18:13+B*39:37	B*18:14+B*39:11	
B*18:13+B*40:49	B*18:43+B*40:128	
B*18:13+B*40:67	B*18:31+B*40:128	
B*18:13+B*40:80	B*18:14+B*40:128	
B*18:13+B*40:123	B*18:24+B*40:128	
B*18:13+B*40:148	B*18:30+B*40:06:01G	
B*18:13+B*44:76	B*18:30+B*44:28:02	
B*18:13+B*44:108N	B*18:23N+B*44:28:02	
B*18:13+B*44:110	B*18:14+B*44:28:02	
B*18:13+B*46:01:01G	B*18:30+B*46:09	
B*18:13+B*46:08	B*18:30+B*46:13:03	B*18:36+B*46:03
B*18:13+B*48:15	B*18:30+B*48:01:01G	
B*18:13+B*49:01:01	B*18:30+B*49:11	
B*18:13+B*51:01:02	B*18:30+B*51:09:02	
B*18:13+B*51:02:02	B*18:15+B*51:05	
B*18:13+B*52:01:01G	B*18:30+B*52:10	
B*18:13+B*53:08:01	B*18:15+B*53:24	B*18:30+B*53:01:01
B*18:13+B*53:08:02	B*18:30+B*53:01:03	
B*18:13+B*54:03	B*18:36+B*54:10	
B*18:13+B*54:20	B*18:30+B*54:10	
B*18:13+B*55:01:01G	B*18:15+B*55:37	B*18:30+B*55:02:01G
B*18:13+B*55:12	B*18:49+B*55:37	

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B*18:13+B*55:21	B*18:19+B*55:37	
B*18:13+B*55:22	B*18:50+B*55:37	
B*18:13+B*55:41	B*18:20+B*55:37	
B*18:13+B*56:01:01G	B*18:36+B*55:37	
B*18:13+B*56:25	B*18:30+B*56:01:01G	
B*18:13+B*57:22	B*18:15+B*57:19	B*18:30+B*57:01:01G
B*18:13+B*57:23	B*18:24+B*57:19	
B*18:13+B*57:31	B*18:40+B*57:19	
B*18:13+B*58:06	B*18:30+B*58:02	
B*18:13+B*58:19	B*18:15+B*58:22	B*18:30+B*58:01:01G
B*18:13+B*58:21	B*18:51+B*58:22	
B*18:14+B*35:30	B*18:22+B*35:51	
B*18:14+B*35:48	B*18:18+B*35:30	
B*18:14+B*39:09	B*18:18+B*39:03	
B*18:14+B*39:35	B*18:15+B*39:03	
B*18:14+B*39:47	B*18:50+B*39:03	
B*18:14+B*40:23	B*18:30+B*40:45	
B*18:14+B*40:42	B*18:20+B*40:31	
B*18:14+B*40:49	B*18:43+B*40:80	
B*18:14+B*40:67	B*18:31+B*40:80	
B*18:14+B*40:123	B*18:24+B*40:80	
B*18:14+B*44:76	B*18:30+B*44:110	
B*18:14+B*44:79	B*18:15+B*44:110	
B*18:14+B*44:108N	B*18:23N+B*44:110	
B*18:14+B*55:08	B*18:36+B*55:04	
B*18:15+B*27:25	B*18:19+B*27:63	
B*18:15+B*27:37	B*18:43+B*27:10	
B*18:15+B*35:04:01	B*18:26+B*35:11:01	
B*18:15+B*35:08:03	B*18:30+B*35:01:04	
B*18:15+B*35:14:01	B*18:19+B*35:11:01	
B*18:15+B*35:14:02	B*18:19+B*35:11:02	
B*18:15+B*35:18	B*18:30+B*35:09:02	
B*18:15+B*35:27	B*18:49+B*35:11:01	
B*18:15+B*35:45	B*18:30+B*35:71	
B*18:15+B*35:80	B*18:30+B*35:10	
B*18:15+B*35:91	B*18:32+B*35:11:01	
B*18:15+B*35:109	B*18:36+B*35:96	
B*18:15+B*35:142	B*18:30+B*35:124	
B*18:15+B*39:09	B*18:18+B*39:35	
B*18:15+B*39:11	B*18:30+B*39:05:01	
B*18:15+B*39:47	B*18:50+B*39:35	
B*18:15+B*40:75	B*18:33+B*40:148	
B*18:15+B*40:114	B*18:35+B*40:51	
B*18:15+B*40:128	B*18:30+B*40:01:01G	
B*18:15+B*44:76	B*18:30+B*44:79	
B*18:15+B*44:108N	B*18:23N+B*44:79	
B*18:15+B*46:01:01G	B*18:19+B*46:08	
B*18:15+B*48:19	B*18:19+B*48:01:01G	
B*18:15+B*51:19	B*18:36+B*51:101	
B*18:15+B*51:29	B*18:30+B*51:01:01G	
B*18:15+B*51:82	B*18:30+B*51:16	
B*18:15+B*52:21	B*18:19+B*52:01:02	
B*18:15+B*53:11	B*18:30+B*53:13	
B*18:15+B*53:16	B*18:30+B*53:05	
B*18:15+B*55:09	B*18:30+B*55:24	
B*18:15+B*55:12	B*18:49+B*55:01:01G	
B*18:15+B*55:21	B*18:19+B*55:01:01G	
B*18:15+B*55:41	B*18:20+B*55:01:01G	
B*18:15+B*56:15	B*18:36+B*55:28	
B*18:15+B*56:20	B*18:40+B*56:25	
B*18:15+B*56:27	B*18:36+B*55:38	
B*18:15+B*57:02:01	B*18:30+B*57:03:01	
B*18:15+B*57:03:01	B*18:26+B*57:22	
B*18:15+B*57:23	B*18:24+B*57:22	
B*18:15+B*57:31	B*18:40+B*57:22	
B*18:15+B*58:21	B*18:51+B*58:19	
B*18:18+B*39:47	B*18:50+B*39:09	
B*18:19+B*35:04:01	B*18:26+B*35:14:01	
B*18:19+B*35:27	B*18:49+B*35:14:01	
B*18:19+B*35:91	B*18:32+B*35:14:01	
B*18:19+B*35:99	B*18:30+B*35:43:01G	
B*18:19+B*55:12	B*18:49+B*55:21	
B*18:19+B*55:22	B*18:50+B*55:21	
B*18:19+B*55:41	B*18:20+B*55:21	
B*18:19+B*56:01:01G	B*18:36+B*55:21	
B*18:20+B*40:37	B*18:49+B*40:89	
B*18:20+B*40:40	B*18:43+B*40:89	
B*18:20+B*55:12	B*18:49+B*55:41	
B*18:20+B*55:22	B*18:50+B*55:41	
B*18:20+B*56:01:01G	B*18:36+B*55:41	
B*18:21+B*57:14	B*18:36+B*57:13	
B*18:22+B*35:68:01	B*18:52+B*35:30	
B*18:23N+B*44:76	B*18:30+B*44:108N	
B*18:24+B*40:49	B*18:43+B*40:123	
B*18:24+B*40:67	B*18:31+B*40:123	
B*18:24+B*57:03:01	B*18:26+B*57:23	
B*18:24+B*57:31	B*18:40+B*57:23	
B*18:25+B*39:01:01G	B*18:43+B*39:04	
B*18:25+B*40:06:01G	B*18:43+B*40:53	
B*18:25+B*40:98	B*18:43+B*40:32	
B*18:25+B*51:57	B*18:43+B*51:01:01G	
B*18:25+B*53:21	B*18:43+B*53:01:01	
B*18:25+B*57:10	B*18:43+B*57:01:01G	
B*18:26+B*35:27	B*18:49+B*35:04:01	
B*18:26+B*35:91	B*18:32+B*35:04:01	
B*18:26+B*57:31	B*18:40+B*57:03:01	
B*18:30+B*54:03	B*18:36+B*54:20	
B*18:31+B*40:49	B*18:43+B*40:67	
B*18:32+B*35:27	B*18:49+B*35:91	
B*18:32+B*49:10	B*18:43+B*49:12	
B*18:36+B*27:04:01G	B*18:50+B*27:63	
B*18:36+B*27:05:02G	B*18:50+B*27:38	
B*18:36+B*35:86	B*18:50+B*35:43:01G	
B*18:36+B*40:01:01G	B*18:50+B*40:63	
B*18:36+B*44:16	B*18:50+B*44:91	

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B*18:36+B*44:21	B*18:50+B*44:02:01G		
B*18:36+B*44:64:02	B*18:50+B*44:37		
B*18:36+B*45:10	B*18:50+B*45:04		
B*18:36+B*51:16	B*18:50+B*51:01:01G		
B*18:36+B*51:31	B*18:50+B*51:09:01		
B*18:36+B*51:82	B*18:50+B*51:29		
B*18:36+B*52:08	B*18:50+B*52:01:01G		
B*18:36+B*55:12	B*18:49+B*56:01:01G		
B*18:36+B*55:15	B*18:42+B*56:25		
B*18:36+B*55:22	B*18:50+B*56:01:01G		
B*18:36+B*55:24	B*18:50+B*56:25		
B*18:36+B*57:25	B*18:50+B*57:01:01G		
B*18:37+B*35:47	B*18:48+B*35:49		
B*18:37+B*40:01:01G	B*18:48+B*40:46		
B*18:37+B*40:06:01G	B*18:48+B*40:93		
B*18:40+B*44:72	B*18:45+B*44:53		
B*18:42+B*55:24	B*18:50+B*55:15		
B*18:43+B*40:37	B*18:49+B*40:40		
B*18:49+B*55:22	B*18:50+B*55:12		
B*27:01+B*35:01:01G	B*27:44+B*53:13		
B*27:01+B*35:08:01	B*27:44+B*53:11		
B*27:01+B*35:20:01	B*27:44+B*53:09		
B*27:01+B*35:29	B*27:08+B*53:13		
B*27:01+B*37:11	B*27:44+B*37:10		
B*27:01+B*38:14	B*27:02+B*38:02:01G		
B*27:01+B*39:01:01G	B*27:08+B*38:02:01G		
B*27:01+B*39:01:09	B*27:08+B*38:02:03		
B*27:01+B*39:05:01	B*27:44+B*38:02:01G		
B*27:01+B*39:35	B*27:40+B*38:02:01G		
B*27:01+B*40:01:01G	B*27:44+B*40:47		
B*27:01+B*40:02:01G	B*27:44+B*40:157		
B*27:01+B*40:06:01G	B*27:44+B*40:96		
B*27:01+B*40:43	B*27:08+B*40:47		
B*27:01+B*40:50	B*27:08+B*40:157		
B*27:01+B*44:09	B*27:44+B*44:02:01G		
B*27:01+B*44:46	B*27:44+B*44:03:01G		
B*27:01+B*50:01:01	B*27:44+B*49:02		
B*27:01+B*53:23	B*27:02+B*53:13		
B*27:01+B*56:01:01G	B*27:44+B*56:07		
B*27:01+B*78:01	B*27:08+B*51:78		
B*27:01+B*78:02:02	B*27:44+B*51:78		
B*27:01+B*78:05	B*27:44+B*52:20		
B*27:02+B*27:19	B*27:05:02G+B*27:30		
B*27:02+B*27:28	B*27:05:02G+B*27:62		
B*27:02+B*35:01:01G	B*27:08+B*53:01:01	B*27:44+B*53:23	
B*27:02+B*35:01:16	B*27:08+B*53:01:02		
B*27:02+B*35:02:01	B*27:08+B*53:19		
B*27:02+B*35:03:01G	B*27:08+B*53:04		
B*27:02+B*35:05:01	B*27:08+B*53:14		
B*27:02+B*35:08:01	B*27:08+B*53:24		
B*27:02+B*35:11:01	B*27:08+B*53:08:01	B*27:40+B*53:01:01	
B*27:02+B*35:11:02	B*27:08+B*53:08:02	B*27:40+B*53:01:03	
B*27:02+B*35:21	B*27:40+B*53:02		
B*27:02+B*35:24:01	B*27:08+B*53:02		
B*27:02+B*35:29	B*27:08+B*53:23		
B*27:02+B*35:58	B*27:40+B*53:14		
B*27:02+B*38:17	B*27:05:02G+B*38:01:01		
B*27:02+B*39:01:01G	B*27:08+B*38:14		
B*27:02+B*39:05:01	B*27:08+B*38:01:01	B*27:44+B*38:14	
B*27:02+B*39:35	B*27:40+B*38:14		
B*27:02+B*39:37	B*27:08+B*38:19		
B*27:02+B*39:48	B*27:62+B*39:47		
B*27:02+B*40:01:01G	B*27:08+B*40:117		
B*27:02+B*40:02:01G	B*27:08+B*40:19		
B*27:02+B*44:09	B*27:08+B*44:95		
B*27:02+B*44:46	B*27:08+B*44:50		
B*27:02+B*45:01:01G	B*27:08+B*44:18		
B*27:02+B*50:01:01	B*27:08+B*49:01:01	B*27:40+B*49:11	
B*27:02+B*51:21	B*27:62+B*51:34		
B*27:02+B*53:03	B*27:05:02G+B*53:01:01		
B*27:02+B*54:01:01G	B*27:08+B*54:12		
B*27:02+B*56:05:02	B*27:08+B*56:21		
B*27:02+B*57:12	B*27:08+B*57:02:01		
B*27:02+B*67:01:01	B*27:08+B*38:26		
B*27:02+B*78:02:01	B*27:08+B*51:01:02	B*27:40+B*51:09:02	
B*27:02+B*78:02:02	B*27:08+B*51:01:01G	B*27:40+B*51:09:01	
B*27:02+B*78:05	B*27:08+B*52:01:01G	B*27:40+B*52:10	
B*27:04:01G+B*27:05:02G	B*27:10+B*27:61		
B*27:04:01G+B*27:07	B*27:10+B*27:11		
B*27:04:01G+B*27:08	B*27:40+B*27:61		
B*27:04:01G+B*27:26	B*27:31+B*27:40		
B*27:04:01G+B*27:33	B*27:11+B*27:40		
B*27:04:01G+B*27:38	B*27:05:02G+B*27:63		
B*27:04:01G+B*27:42	B*27:05:02G+B*27:40	B*27:08+B*27:10	
B*27:04:01G+B*27:71	B*27:05:02G+B*27:15		
B*27:04:01G+B*35:01:01G	B*27:61+B*35:11:01	B*27:63+B*35:15	
B*27:04:01G+B*35:01:10	B*27:04:03+B*35:01:01G		
B*27:04:01G+B*35:03:01G	B*27:63+B*35:33		
B*27:04:01G+B*35:04:02	B*27:04:03+B*35:04:01		
B*27:04:01G+B*35:05:01	B*27:61+B*35:58		
B*27:04:01G+B*35:24:01	B*27:61+B*35:21		
B*27:04:01G+B*35:43:01G	B*27:63+B*35:86		
B*27:04:01G+B*35:62	B*27:25+B*35:15	B*27:61+B*35:14:01	
B*27:04:01G+B*35:93	B*27:15+B*35:15		
B*27:04:01G+B*37:01:01G	B*27:61+B*37:13		
B*27:04:01G+B*37:05	B*27:08+B*37:13	B*27:10+B*37:11	B*27:40+B*37:01:01G
B*27:04:01G+B*39:01:01G	B*27:15+B*39:47	B*27:61+B*39:35	
B*27:04:01G+B*39:06:02	B*27:15+B*39:50		
B*27:04:01G+B*40:01:06	B*27:04:03+B*40:01:01G		
B*27:04:01G+B*40:06:01G	B*27:61+B*40:148		
B*27:04:01G+B*40:39	B*27:15+B*40:02:01G		
B*27:04:01G+B*40:42	B*27:06+B*40:124:02		
B*27:04:01G+B*40:63	B*27:63+B*40:01:01G		
B*27:04:01G+B*44:02:01G	B*27:63+B*44:21		
B*27:04:01G+B*44:03:01G	B*27:61+B*44:79		

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B*27:04:01G+B*44:28:02	B*27:61+B*44:76			
B*27:04:01G+B*44:37	B*27:63+B*44:64:02			
B*27:04:01G+B*44:91	B*27:63+B*44:16			
B*27:04:01G+B*45:04	B*27:63+B*45:10			
B*27:04:01G+B*45:08	B*27:15+B*45:10			
B*27:04:01G+B*46:09	B*27:61+B*46:01:01G			
B*27:04:01G+B*46:13:03	B*27:61+B*46:08			
B*27:04:01G+B*48:01:01G	B*27:61+B*48:15			
B*27:04:01G+B*49:01:01	B*27:63+B*49:07			
B*27:04:01G+B*49:11	B*27:61+B*49:01:01			
B*27:04:01G+B*51:01:01G	B*27:04:03+B*51:01:04	B*27:63+B*51:16		
B*27:04:01G+B*51:02:01	B*27:04:03+B*51:02:04	B*27:63+B*51:34		
B*27:04:01G+B*51:09:01	B*27:61+B*51:01:01G	B*27:63+B*51:31		
B*27:04:01G+B*51:09:02	B*27:61+B*51:01:02			
B*27:04:01G+B*51:13:02	B*27:04:03+B*51:13:01			
B*27:04:01G+B*51:21	B*27:15+B*51:16			
B*27:04:01G+B*51:24:03	B*27:04:03+B*51:24:02			
B*27:04:01G+B*51:29	B*27:63+B*51:82			
B*27:04:01G+B*51:31	B*27:61+B*51:16			
B*27:04:01G+B*52:01:01G	B*27:04:03+B*52:01:05	B*27:63+B*52:08		
B*27:04:01G+B*52:10	B*27:61+B*52:01:01G			
B*27:04:01G+B*53:01:01	B*27:61+B*53:08:01			
B*27:04:01G+B*53:01:03	B*27:61+B*53:08:02			
B*27:04:01G+B*54:10	B*27:61+B*54:20			
B*27:04:01G+B*55:01:01G	B*27:15+B*55:24			
B*27:04:01G+B*55:01:04	B*27:04:03+B*55:01:01G			
B*27:04:01G+B*55:02:01G	B*27:15+B*55:22	B*27:61+B*55:01:01G		
B*27:04:01G+B*55:22	B*27:61+B*55:24			
B*27:04:01G+B*56:01:01G	B*27:61+B*56:25	B*27:63+B*55:22		
B*27:04:01G+B*56:25	B*27:63+B*55:24			
B*27:04:01G+B*57:01:01G	B*27:61+B*57:22	B*27:63+B*57:25		
B*27:04:01G+B*57:26	B*27:15+B*57:25			
B*27:04:01G+B*58:01:01G	B*27:61+B*58:19			
B*27:04:01G+B*58:02	B*27:61+B*58:06			
B*27:04:03+B*40:63	B*27:63+B*40:01:06			
B*27:04:03+B*55:02:01G	B*27:61+B*55:01:04			
B*27:05:02G+B*27:08	B*27:42+B*27:61			
B*27:05:02G+B*27:11	B*27:07+B*27:61			
B*27:05:02G+B*27:12	B*27:08+B*27:16			
B*27:05:02G+B*27:18	B*27:29+B*27:40			
B*27:05:02G+B*27:21	B*27:06+B*27:70			
B*27:05:02G+B*27:26	B*27:31+B*27:42			
B*27:05:02G+B*27:33	B*27:07+B*27:08	B*27:11+B*27:42		
B*27:05:02G+B*35:01:01G	B*27:08+B*53:03	B*27:38+B*35:15		
B*27:05:02G+B*35:01:19	B*27:52+B*35:49			
B*27:05:02G+B*35:03:01G	B*27:38+B*35:33			
B*27:05:02G+B*35:08:01	B*27:45+B*35:01:01G			
B*27:05:02G+B*35:08:03	B*27:45+B*35:01:04			
B*27:05:02G+B*35:11:01	B*27:10+B*35:01:01G	B*27:40+B*53:03		
B*27:05:02G+B*35:14:01	B*27:10+B*35:62			
B*27:05:02G+B*35:18	B*27:45+B*35:09:02			
B*27:05:02G+B*35:21	B*27:10+B*35:24:01			
B*27:05:02G+B*35:43:01G	B*27:38+B*35:86			
B*27:05:02G+B*35:45	B*27:45+B*35:71			
B*27:05:02G+B*35:58	B*27:10+B*35:05:01			
B*27:05:02G+B*35:80	B*27:45+B*35:10			
B*27:05:02G+B*35:93	B*27:71+B*35:15			
B*27:05:02G+B*35:129N	B*27:59N+B*35:02:01			
B*27:05:02G+B*35:142	B*27:45+B*35:124			
B*27:05:02G+B*37:05	B*27:42+B*37:01:01G			
B*27:05:02G+B*37:11	B*27:08+B*37:01:01G	B*27:61+B*37:05		
B*27:05:02G+B*37:13	B*27:10+B*37:01:01G			
B*27:05:02G+B*39:01:01G	B*27:37+B*39:31	B*27:71+B*39:47		
B*27:05:02G+B*39:05:01	B*27:08+B*38:17			
B*27:05:02G+B*39:06:02	B*27:71+B*39:50			
B*27:05:02G+B*39:11	B*27:45+B*39:05:01			
B*27:05:02G+B*39:35	B*27:10+B*39:01:01G			
B*27:05:02G+B*39:48	B*27:28+B*39:47			
B*27:05:02G+B*40:01:01G	B*27:27+B*40:124:02			
B*27:05:02G+B*40:01:04	B*27:27+B*40:124:01			
B*27:05:02G+B*40:01:10	B*27:05:06+B*40:01:01G			
B*27:05:02G+B*40:02:11	B*27:05:06+B*40:02:01G			
B*27:05:02G+B*40:39	B*27:71+B*40:02:01G			
B*27:05:02G+B*40:40	B*27:37+B*40:02:01G			
B*27:05:02G+B*40:49	B*27:37+B*40:01:01G			
B*27:05:02G+B*40:52	B*27:41+B*40:124:02			
B*27:05:02G+B*40:63	B*27:38+B*40:01:01G			
B*27:05:02G+B*40:65	B*27:55+B*40:01:01G			
B*27:05:02G+B*40:118N	B*27:64N+B*40:01:01G			
B*27:05:02G+B*40:128	B*27:45+B*40:01:01G			
B*27:05:02G+B*40:148	B*27:10+B*40:06:01G			
B*27:05:02G+B*42:01:01	B*27:37+B*42:02			
B*27:05:02G+B*42:01:02	B*27:05:03+B*42:01:01			
B*27:05:02G+B*44:02:01G	B*27:29+B*44:97	B*27:37+B*44:55	B*27:38+B*44:21	B*27:47+B*44:64:02
B*27:05:02G+B*44:02:07	B*27:47+B*44:64:01			
B*27:05:02G+B*44:03:08	B*27:05:06+B*44:03:01G			
B*27:05:02G+B*44:05:01	B*27:46+B*44:02:01G			
B*27:05:02G+B*44:25	B*27:46+B*44:95			
B*27:05:02G+B*44:28:01	B*27:45+B*44:03:02			
B*27:05:02G+B*44:28:02	B*27:45+B*44:03:01G			
B*27:05:02G+B*44:37	B*27:38+B*44:64:02			
B*27:05:02G+B*44:42	B*27:46+B*44:91			
B*27:05:02G+B*44:71	B*27:58+B*44:02:01G			
B*27:05:02G+B*44:76	B*27:10+B*44:28:02	B*27:45+B*44:79		
B*27:05:02G+B*44:79	B*27:10+B*44:03:01G			
B*27:05:02G+B*44:91	B*27:38+B*44:16			
B*27:05:02G+B*44:107	B*27:46+B*44:45			
B*27:05:02G+B*45:04	B*27:38+B*45:10			
B*27:05:02G+B*45:08	B*27:71+B*45:10			
B*27:05:02G+B*46:01:01G	B*27:10+B*46:09	B*27:37+B*46:14		
B*27:05:02G+B*46:08	B*27:10+B*46:13:03			
B*27:05:02G+B*47:02	B*27:08+B*47:01:01G			
B*27:05:02G+B*48:01:01G	B*27:32+B*48:21			
B*27:05:02G+B*48:03:01	B*27:70+B*48:21			
B*27:05:02G+B*48:15	B*27:10+B*48:01:01G			

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B*27:05:02G+B*49:01:01	B*27:10+B*49:11	B*27:38+B*49:07	
B*27:05:02G+B*49:10	B*27:37+B*49:01:01		
B*27:05:02G+B*51:01:01G	B*27:10+B*51:09:01	B*27:27+B*51:85	B*27:38+B*51:16
B*27:05:02G+B*51:01:02	B*27:10+B*51:09:02		
B*27:05:02G+B*51:02:01	B*27:38+B*51:34		
B*27:05:02G+B*51:09:01	B*27:38+B*51:31		
B*27:05:02G+B*51:16	B*27:10+B*51:31		
B*27:05:02G+B*51:21	B*27:28+B*51:34	B*27:71+B*51:16	
B*27:05:02G+B*51:29	B*27:38+B*51:82	B*27:45+B*51:01:01G	
B*27:05:02G+B*51:37	B*27:41+B*51:85		
B*27:05:02G+B*51:82	B*27:45+B*51:16		
B*27:05:02G+B*51:84	B*27:60+B*51:01:01G		
B*27:05:02G+B*51:102	B*27:17+B*51:01:01G		
B*27:05:02G+B*52:01:01G	B*27:10+B*52:10	B*27:38+B*52:08	
B*27:05:02G+B*53:08:01	B*27:10+B*53:01:01		
B*27:05:02G+B*53:08:02	B*27:10+B*53:01:03		
B*27:05:02G+B*53:11	B*27:45+B*53:13		
B*27:05:02G+B*53:16	B*27:45+B*53:05		
B*27:05:02G+B*53:24	B*27:45+B*53:01:01		
B*27:05:02G+B*54:10	B*27:45+B*54:01:01G		
B*27:05:02G+B*54:20	B*27:10+B*54:10		
B*27:05:02G+B*55:01:01G	B*27:10+B*55:02:01G	B*27:71+B*55:24	
B*27:05:02G+B*55:02:01G	B*27:37+B*55:16	B*27:71+B*55:22	
B*27:05:02G+B*55:09	B*27:45+B*55:24		
B*27:05:02G+B*55:24	B*27:10+B*55:22		
B*27:05:02G+B*55:37	B*27:45+B*55:02:01G		
B*27:05:02G+B*56:01:01G	B*27:38+B*55:22		
B*27:05:02G+B*56:25	B*27:10+B*56:01:01G	B*27:38+B*55:24	
B*27:05:02G+B*57:01:01G	B*27:38+B*57:25	B*27:41+B*57:32	
B*27:05:02G+B*57:01:04	B*27:05:10+B*57:01:01G		
B*27:05:02G+B*57:02:01	B*27:45+B*57:03:01		
B*27:05:02G+B*57:03:01	B*27:27+B*57:32		
B*27:05:02G+B*57:19	B*27:45+B*57:01:01G		
B*27:05:02G+B*57:22	B*27:10+B*57:01:01G		
B*27:05:02G+B*57:26	B*27:71+B*57:25		
B*27:05:02G+B*58:06	B*27:10+B*58:02		
B*27:05:02G+B*58:19	B*27:10+B*58:01:01G		
B*27:05:02G+B*58:22	B*27:45+B*58:01:01G		
B*27:05:03+B*35:45	B*27:50+B*35:08:01		
B*27:05:03+B*35:71	B*27:50+B*35:01:01G		
B*27:05:03+B*40:132	B*27:50+B*40:01:01G		
B*27:05:03+B*44:02:01G	B*27:50+B*44:91		
B*27:05:03+B*44:03:01G	B*27:50+B*44:37		
B*27:05:03+B*44:05:01	B*27:50+B*44:42		
B*27:05:03+B*44:21	B*27:50+B*44:16		
B*27:05:03+B*45:01:01G	B*27:50+B*45:04		
B*27:05:03+B*46:17	B*27:50+B*46:01:01G		
B*27:05:03+B*50:02	B*27:50+B*50:01:01		
B*27:05:03+B*51:23	B*27:50+B*51:02:01		
B*27:05:03+B*52:15	B*27:50+B*52:01:01G		
B*27:05:03+B*57:07	B*27:50+B*57:03:01		
B*27:05:03+B*58:07	B*27:50+B*58:02		
B*27:05:06+B*40:39	B*27:71+B*40:02:11		
B*27:05:06+B*40:40	B*27:37+B*40:02:11		
B*27:05:06+B*40:49	B*27:37+B*40:01:10		
B*27:05:06+B*40:63	B*27:38+B*40:01:10		
B*27:05:06+B*40:65	B*27:55+B*40:01:10		
B*27:05:06+B*40:118N	B*27:64N+B*40:01:10		
B*27:05:06+B*40:128	B*27:45+B*40:01:10		
B*27:05:06+B*44:28:02	B*27:45+B*44:03:08		
B*27:05:06+B*44:79	B*27:10+B*44:03:08		
B*27:05:10+B*57:19	B*27:45+B*57:01:04		
B*27:05:10+B*57:22	B*27:10+B*57:01:04		
B*27:06+B*48:03:01	B*27:21+B*48:21		
B*27:07+B*27:12	B*27:16+B*27:33		
B*27:07+B*27:40	B*27:10+B*27:33		
B*27:07+B*35:01:01G	B*27:33+B*53:03		
B*27:07+B*35:105	B*27:43+B*35:08:01		
B*27:07+B*35:113	B*27:43+B*35:17		
B*27:07+B*37:11	B*27:11+B*37:05	B*27:33+B*37:01:01G	
B*27:07+B*39:05:01	B*27:33+B*38:17		
B*27:07+B*39:62	B*27:43+B*39:06:02		
B*27:07+B*44:98	B*27:43+B*44:03:01G		
B*27:07+B*47:02	B*27:33+B*47:01:01G		
B*27:08+B*27:11	B*27:33+B*27:61		
B*27:08+B*27:31	B*27:26+B*27:61		
B*27:08+B*35:01:01G	B*27:44+B*35:29		
B*27:08+B*35:03:01G	B*27:44+B*35:136		
B*27:08+B*35:10	B*27:44+B*35:69		
B*27:08+B*35:11:01	B*27:40+B*35:01:01G		
B*27:08+B*35:14:01	B*27:40+B*35:62		
B*27:08+B*35:21	B*27:40+B*35:24:01		
B*27:08+B*35:58	B*27:40+B*35:05:01		
B*27:08+B*37:05	B*27:42+B*37:11		
B*27:08+B*39:05:01	B*27:44+B*39:01:01G		
B*27:08+B*39:13:01	B*27:44+B*39:02:02		
B*27:08+B*39:35	B*27:40+B*39:01:01G		
B*27:08+B*39:37	B*27:44+B*39:03		
B*27:08+B*39:55	B*27:44+B*39:15		
B*27:08+B*40:01:01G	B*27:44+B*40:43		
B*27:08+B*40:02:01G	B*27:44+B*40:50		
B*27:08+B*40:148	B*27:40+B*40:06:01G		
B*27:08+B*44:76	B*27:40+B*44:28:02		
B*27:08+B*44:79	B*27:40+B*44:03:01G		
B*27:08+B*46:01:01G	B*27:40+B*46:09		
B*27:08+B*46:08	B*27:40+B*46:13:03		
B*27:08+B*48:15	B*27:40+B*48:01:01G		
B*27:08+B*51:08	B*27:44+B*51:20		
B*27:08+B*51:16	B*27:40+B*51:31		
B*27:08+B*54:20	B*27:40+B*54:10		
B*27:08+B*55:01:01G	B*27:40+B*55:02:01G		
B*27:08+B*55:24	B*27:40+B*55:22		
B*27:08+B*55:31	B*27:44+B*55:01:01G		
B*27:08+B*56:25	B*27:40+B*56:01:01G		
B*27:08+B*57:22	B*27:40+B*57:01:01G		

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B*27:08+B*58:06	B*27:40+B*58:02	
B*27:08+B*58:19	B*27:40+B*58:01:01G	
B*27:08+B*78:02:02	B*27:44+B*78:01	
B*27:10+B*27:12	B*27:16+B*27:40	
B*27:10+B*35:08:01	B*27:45+B*35:11:01	
B*27:10+B*37:05	B*27:42+B*37:13	
B*27:10+B*39:05:01	B*27:40+B*38:17	
B*27:10+B*44:18	B*27:47+B*49:07	
B*27:10+B*47:02	B*27:40+B*47:01:01G	
B*27:10+B*51:05	B*27:45+B*51:02:02	
B*27:10+B*53:24	B*27:45+B*53:08:01	
B*27:10+B*55:37	B*27:45+B*55:01:01G	B*27:71+B*55:09
B*27:10+B*57:19	B*27:45+B*57:22	
B*27:10+B*58:22	B*27:45+B*58:19	
B*27:11+B*27:26	B*27:31+B*27:33	
B*27:12+B*37:01:01G	B*27:16+B*37:11	
B*27:12+B*38:17	B*27:16+B*39:05:01	
B*27:12+B*42:01:01	B*27:26+B*42:07	
B*27:12+B*47:01:01G	B*27:16+B*47:02	
B*27:12+B*53:03	B*27:16+B*35:01:01G	
B*27:12+B*67:01:02	B*27:26+B*39:10	
B*27:14+B*35:32	B*27:70+B*35:37	
B*27:14+B*40:02:01G	B*27:32+B*40:70	
B*27:14+B*40:11:01	B*27:70+B*40:70	
B*27:14+B*54:09	B*27:70+B*54:14	
B*27:14+B*56:04	B*27:70+B*56:01:01G	
B*27:14+B*56:18	B*27:70+B*55:23	
B*27:15+B*27:38	B*27:63+B*27:71	
B*27:15+B*27:42	B*27:40+B*27:71	
B*27:15+B*35:01:01G	B*27:63+B*35:93	
B*27:15+B*35:62	B*27:25+B*35:93	
B*27:15+B*39:32	B*27:63+B*39:48	
B*27:15+B*44:28:02	B*27:63+B*44:04	
B*27:15+B*45:04	B*27:63+B*45:08	
B*27:15+B*46:09	B*27:25+B*46:21:01	
B*27:15+B*46:11	B*27:63+B*46:18	
B*27:15+B*46:13:01	B*27:63+B*46:21:02	
B*27:15+B*46:13:03	B*27:63+B*46:21:01	
B*27:15+B*51:01:01G	B*27:63+B*51:21	
B*27:15+B*51:31	B*27:61+B*51:21	
B*27:15+B*54:03	B*27:63+B*54:01:01G	
B*27:15+B*56:01:01G	B*27:63+B*55:02:01G	
B*27:15+B*56:02	B*27:63+B*56:10	
B*27:15+B*56:22	B*27:63+B*55:13	
B*27:15+B*56:25	B*27:63+B*55:01:01G	
B*27:15+B*57:01:01G	B*27:63+B*57:26	
B*27:15+B*59:04	B*27:63+B*59:01	
B*27:15+B*78:01	B*27:63+B*78:07	
B*27:17+B*51:29	B*27:45+B*51:102	
B*27:17+B*51:84	B*27:60+B*51:102	
B*27:18+B*44:97	B*27:40+B*44:02:01G	
B*27:18+B*53:03	B*27:29+B*35:11:01	
B*27:19+B*27:62	B*27:28+B*27:30	
B*27:19+B*35:05:01	B*27:32+B*35:01:04	B*27:70+B*35:30
B*27:19+B*35:22	B*27:32+B*35:12:01	
B*27:19+B*35:68:01	B*27:70+B*35:01:01G	
B*27:19+B*35:68:02	B*27:70+B*35:01:04	
B*27:19+B*38:01:01	B*27:30+B*38:17	B*27:70+B*38:20
B*27:19+B*38:19	B*27:32+B*38:20	
B*27:19+B*39:01:01G	B*27:70+B*39:42	
B*27:19+B*39:03	B*27:32+B*39:42	
B*27:19+B*40:02:09	B*27:32+B*40:64	
B*27:19+B*40:11:02	B*27:70+B*40:64	
B*27:19+B*44:41	B*27:70+B*44:02:01G	
B*27:19+B*44:54	B*27:32+B*44:03:01G	B*27:70+B*44:110
B*27:19+B*44:65	B*27:70+B*44:03:01G	
B*27:19+B*44:106	B*27:32+B*44:02:01G	
B*27:19+B*53:01:01	B*27:30+B*53:03	
B*27:25+B*35:01:01G	B*27:63+B*35:62	
B*27:25+B*35:11:01	B*27:63+B*35:14:01	
B*27:25+B*35:11:02	B*27:63+B*35:14:02	
B*27:25+B*46:08	B*27:63+B*46:01:01G	
B*27:25+B*46:13:03	B*27:63+B*46:09	
B*27:25+B*48:01:01G	B*27:63+B*48:19	
B*27:25+B*52:01:02	B*27:63+B*52:21	
B*27:25+B*55:01:01G	B*27:63+B*55:21	
B*27:26+B*37:01:01G	B*27:31+B*37:05	
B*27:27+B*35:01:01G	B*27:41+B*35:04:01	
B*27:27+B*35:01:10	B*27:41+B*35:04:02	
B*27:27+B*35:01:17	B*27:41+B*35:04:03	
B*27:27+B*35:43:01G	B*27:41+B*35:44	
B*27:27+B*35:51	B*27:41+B*35:22	
B*27:27+B*35:64	B*27:41+B*35:09:02	
B*27:27+B*35:146	B*27:41+B*35:02:01	
B*27:27+B*40:03	B*27:41+B*40:02:01G	
B*27:27+B*40:20	B*27:41+B*40:11:01	
B*27:27+B*40:52	B*27:41+B*40:01:01G	
B*27:27+B*42:09	B*27:41+B*42:02	
B*27:27+B*44:43:01	B*27:41+B*44:77	
B*27:27+B*48:23	B*27:41+B*48:03:01	
B*27:27+B*51:37	B*27:41+B*51:01:01G	
B*27:27+B*54:14	B*27:41+B*54:04	
B*27:27+B*57:01:01G	B*27:41+B*57:03:01	
B*27:27+B*57:19	B*27:41+B*57:02:01	
B*27:28+B*35:01:01G	B*27:71+B*35:24:01	
B*27:28+B*35:02:01	B*27:71+B*35:81	
B*27:28+B*35:03:01G	B*27:71+B*35:109	
B*27:28+B*35:11:01	B*27:71+B*35:21	
B*27:28+B*37:01:01G	B*27:71+B*37:04:01	
B*27:28+B*38:01:01	B*27:62+B*38:17	
B*27:28+B*39:01:01G	B*27:71+B*39:48	
B*27:28+B*40:01:01G	B*27:71+B*40:113	
B*27:28+B*49:01:01	B*27:71+B*49:09	
B*27:28+B*51:02:01	B*27:38+B*51:21	B*27:71+B*51:01:01G
B*27:28+B*51:02:02	B*27:71+B*51:01:02	

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B*27:28+B*51:02:04	B*27:71+B*51:01:04	
B*27:28+B*51:59	B*27:71+B*51:06	
B*27:28+B*52:11	B*27:71+B*52:01:01G	
B*27:28+B*53:01:01	B*27:62+B*53:03	B*27:71+B*53:02
B*27:28+B*58:01:01G	B*27:71+B*58:09	
B*27:32+B*35:68:02	B*27:70+B*35:05:01	
B*27:32+B*38:01:01	B*27:70+B*38:19	
B*27:32+B*39:01:01G	B*27:70+B*39:03	
B*27:32+B*39:05:01	B*27:70+B*39:37	
B*27:32+B*40:01:01G	B*27:70+B*40:80	
B*27:32+B*40:11:01	B*27:70+B*40:02:01G	
B*27:32+B*40:11:02	B*27:70+B*40:02:09	
B*27:32+B*40:20	B*27:70+B*40:03	
B*27:32+B*40:33	B*27:70+B*40:31	
B*27:32+B*40:114	B*27:70+B*40:45	
B*27:32+B*41:03:02	B*27:70+B*41:02:01	
B*27:32+B*44:41	B*27:70+B*44:106	
B*27:32+B*44:65	B*27:70+B*44:54	
B*27:32+B*46:01:01G	B*27:70+B*46:12	
B*27:32+B*48:03:01	B*27:70+B*48:01:01G	
B*27:32+B*51:06	B*27:70+B*51:64	
B*27:32+B*58:16	B*27:70+B*58:18	
B*27:35+B*45:09	B*27:41+B*45:02	
B*27:37+B*40:39	B*27:71+B*40:40	
B*27:37+B*40:63	B*27:38+B*40:49	
B*27:37+B*40:65	B*27:55+B*40:49	
B*27:37+B*40:118N	B*27:64N+B*40:49	
B*27:37+B*40:128	B*27:45+B*40:49	
B*27:38+B*27:40	B*27:42+B*27:63	
B*27:38+B*35:93	B*27:71+B*35:01:01G	
B*27:38+B*39:48	B*27:71+B*39:32	
B*27:38+B*40:65	B*27:55+B*40:63	
B*27:38+B*40:118N	B*27:64N+B*40:63	
B*27:38+B*40:128	B*27:45+B*40:63	
B*27:38+B*44:02:01G	B*27:47+B*44:37	
B*27:38+B*44:04	B*27:71+B*44:28:02	
B*27:38+B*44:18	B*27:47+B*49:11	
B*27:38+B*45:08	B*27:71+B*45:04	
B*27:38+B*46:18	B*27:71+B*46:11	
B*27:38+B*46:21:01	B*27:71+B*46:13:03	
B*27:38+B*46:21:02	B*27:71+B*46:13:01	
B*27:38+B*53:22	B*27:47+B*53:01:01	
B*27:38+B*54:01:01G	B*27:71+B*54:03	
B*27:38+B*55:01:01G	B*27:71+B*56:25	
B*27:38+B*55:02:01G	B*27:71+B*56:01:01G	
B*27:38+B*55:09	B*27:45+B*56:25	
B*27:38+B*55:13	B*27:71+B*56:22	
B*27:38+B*56:10	B*27:71+B*56:02	
B*27:38+B*57:26	B*27:71+B*57:01:01G	
B*27:38+B*59:01	B*27:71+B*59:04	
B*27:38+B*78:07	B*27:71+B*78:01	
B*27:40+B*39:05:01	B*27:44+B*39:35	
B*27:42+B*40:19	B*27:53+B*40:37	
B*27:42+B*40:109	B*27:53+B*40:06:01G	
B*27:42+B*44:25	B*27:53+B*44:75	
B*27:42+B*48:18	B*27:53+B*48:01:01G	
B*27:42+B*52:01:01G	B*27:53+B*78:06	
B*27:42+B*53:01:01	B*27:53+B*35:27	
B*27:42+B*53:04	B*27:53+B*35:56	
B*27:42+B*53:05	B*27:53+B*35:01:01G	
B*27:42+B*53:16	B*27:53+B*35:08:01	
B*27:45+B*40:65	B*27:55+B*40:128	
B*27:45+B*40:118N	B*27:64N+B*40:128	
B*27:45+B*51:21	B*27:71+B*51:82	
B*27:45+B*51:84	B*27:60+B*51:29	
B*27:46+B*44:71	B*27:58+B*44:05:01	
B*27:52+B*51:104	B*27:67+B*51:01:03	
B*27:55+B*40:118N	B*27:64N+B*40:65	
B*27:61+B*40:05	B*27:63+B*40:02:01G	
B*35:01:01G+B*35:01:15	B*35:01:08+B*35:01:19	
B*35:01:01G+B*35:02:01	B*35:04:01+B*35:146	
B*35:01:01G+B*35:03:07	B*35:01:17+B*35:03:01G	
B*35:01:01G+B*35:04:02	B*35:01:10+B*35:04:01	
B*35:01:01G+B*35:04:03	B*35:01:17+B*35:04:01	
B*35:01:01G+B*35:05:01	B*35:30+B*35:68:01	
B*35:01:01G+B*35:08:03	B*35:01:04+B*35:08:01	
B*35:01:01G+B*35:09:02	B*35:04:01+B*35:64	
B*35:01:01G+B*35:12:01	B*35:01:04+B*35:12:02	
B*35:01:01G+B*35:13	B*35:03:01G+B*35:10	
B*35:01:01G+B*35:14:01	B*35:11:01+B*35:62	
B*35:01:01G+B*35:14:02	B*35:11:02+B*35:62	
B*35:01:01G+B*35:16	B*35:10+B*35:17	
B*35:01:01G+B*35:18	B*35:08:01+B*35:09:02	
B*35:01:01G+B*35:21	B*35:11:01+B*35:24:01	
B*35:01:01G+B*35:22	B*35:04:01+B*35:51	B*35:05:01+B*35:12:02
B*35:01:01G+B*35:28	B*35:10+B*35:20:01	
B*35:01:01G+B*35:33	B*35:03:01G+B*35:15	
B*35:01:01G+B*35:38	B*35:03:01G+B*35:115	
B*35:01:01G+B*35:43:02	B*35:42:02+B*35:43:01G	
B*35:01:01G+B*35:44	B*35:04:01+B*35:43:01G	
B*35:01:01G+B*35:45	B*35:08:01+B*35:71	
B*35:01:01G+B*35:56	B*35:03:01G+B*35:27	
B*35:01:01G+B*35:58	B*35:05:01+B*35:11:01	
B*35:01:01G+B*35:68:02	B*35:01:04+B*35:68:01	
B*35:01:01G+B*35:69	B*35:10+B*35:29	
B*35:01:01G+B*35:72	B*35:05:01+B*35:20:01	
B*35:01:01G+B*35:80	B*35:08:01+B*35:10	
B*35:01:01G+B*35:81	B*35:02:01+B*35:24:01	
B*35:01:01G+B*35:84	B*35:50+B*35:150	
B*35:01:01G+B*35:85	B*35:03:01G+B*35:82	
B*35:01:01G+B*35:86	B*35:15+B*35:43:01G	
B*35:01:01G+B*35:95	B*35:02:01+B*35:20:01	
B*35:01:01G+B*35:109	B*35:03:01G+B*35:24:01	
B*35:01:01G+B*35:114	B*35:05:01+B*35:64	
B*35:01:01G+B*35:125	B*35:17+B*35:124	

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B*35:01:01G+B*35:135	B*35:43:01G+B*35:82			
B*35:01:01G+B*35:136	B*35:03:01G+B*35:29			
B*35:01:01G+B*35:142	B*35:08:01+B*35:124			
B*35:01:01G+B*35:150	B*35:03:01G+B*35:90			
B*35:01:01G+B*35:151	B*35:03:01G+B*35:68:02			
B*35:01:01G+B*37:01:01G	B*35:20:01+B*37:21	B*37:11+B*53:03		
B*35:01:01G+B*37:04:01	B*35:24:01+B*37:01:01G			
B*35:01:01G+B*37:10	B*37:11+B*53:13			
B*35:01:01G+B*37:13	B*35:11:01+B*37:01:01G			
B*35:01:01G+B*38:01:01	B*35:68:01+B*38:20	B*39:05:01+B*53:01:01		
B*35:01:01G+B*38:01:03	B*39:05:01+B*53:01:03			
B*35:01:01G+B*38:02:01G	B*39:05:01+B*53:13			
B*35:01:01G+B*38:03	B*39:02:01+B*53:12			
B*35:01:01G+B*38:04	B*35:10+B*38:02:03			
B*35:01:01G+B*38:14	B*35:29+B*38:01:01	B*39:01:01G+B*53:01:01	B*39:04+B*53:21	B*39:05:01+B*53:23
B*35:01:01G+B*38:17	B*39:05:01+B*53:03			
B*35:01:01G+B*38:19	B*39:37+B*53:01:01			
B*35:01:01G+B*38:26	B*53:01:01+B*67:01:01			
B*35:01:01G+B*39:01:01G	B*35:29+B*39:05:01	B*35:68:01+B*39:42	B*35:82+B*39:58	
B*35:01:01G+B*39:01:09	B*35:49+B*39:19:01			
B*35:01:01G+B*39:02:01	B*35:10+B*39:39	B*35:28+B*39:58		
B*35:01:01G+B*39:02:02	B*35:29+B*39:13:01			
B*35:01:01G+B*39:03	B*35:29+B*39:37			
B*35:01:01G+B*39:05:01	B*35:06+B*39:07			
B*35:01:01G+B*39:05:02	B*35:01:07+B*39:05:01			
B*35:01:01G+B*39:06:01	B*35:01:04+B*39:06:02	B*35:37+B*39:42		
B*35:01:01G+B*39:11	B*35:08:01+B*39:05:01			
B*35:01:01G+B*39:15	B*35:29+B*39:55	B*35:136+B*39:07		
B*35:01:01G+B*39:18	B*35:14:01+B*39:01:05	B*35:14:02+B*39:01:01G		
B*35:01:01G+B*39:22	B*35:10+B*39:01:01G	B*35:69+B*39:05:01		
B*35:01:01G+B*39:31	B*35:50+B*39:04			
B*35:01:01G+B*39:35	B*35:11:01+B*39:01:01G			
B*35:01:01G+B*39:36	B*35:14:01+B*39:30			
B*35:01:01G+B*39:39	B*35:20:01+B*39:58			
B*35:01:01G+B*39:48	B*35:24:01+B*39:01:01G	B*35:93+B*39:32		
B*35:01:01G+B*39:55	B*35:03:01G+B*39:07			
B*35:01:01G+B*40:01:01G	B*35:01:04+B*40:01:04	B*35:01:17+B*40:01:17	B*35:04:01+B*40:52	B*35:10+B*40:25
	B*35:15+B*40:63	B*35:20:01+B*40:07	B*35:28+B*40:106	B*35:34+B*40:38
B*35:01:01G+B*40:01:03	B*35:01:19+B*40:01:01G			
B*35:01:01G+B*40:01:06	B*35:01:10+B*40:01:01G	B*35:04:02+B*40:52		
B*35:01:01G+B*40:01:11	B*35:42:02+B*40:01:01G			
B*35:01:01G+B*40:02:01G	B*35:01:04+B*40:02:09	B*35:01:17+B*40:02:08	B*35:04:01+B*40:03	B*35:05:01+B*40:64
	B*35:28+B*40:08	B*35:30+B*40:11:02	B*35:34+B*40:105	
B*35:01:01G+B*40:04	B*35:28+B*40:68	B*35:50+B*40:129		
B*35:01:01G+B*40:06:01G	B*35:37+B*40:64			
B*35:01:01G+B*40:07	B*35:10+B*40:106			
B*35:01:01G+B*40:11:01	B*35:01:04+B*40:11:02	B*35:04:01+B*40:20	B*35:32+B*40:04	B*35:68:02+B*40:64
B*35:01:01G+B*40:11:02	B*35:68:01+B*40:64			
B*35:01:01G+B*40:14:03	B*35:64+B*40:121			
B*35:01:01G+B*40:18	B*35:34+B*40:03	B*35:51+B*40:120		
B*35:01:01G+B*40:19	B*35:20:01+B*40:13	B*40:02:01G+B*53:01:01	B*40:37+B*53:05	B*40:64+B*53:14
B*35:01:01G+B*40:21	B*35:68:02+B*40:137			
B*35:01:01G+B*40:24	B*35:05:01+B*40:120			
B*35:01:01G+B*40:25	B*35:20:01+B*40:106			
B*35:01:01G+B*40:33	B*35:34+B*40:52			
B*35:01:01G+B*40:36	B*35:03:01G+B*40:38	B*35:06+B*40:52		
B*35:01:01G+B*40:37	B*35:27+B*40:02:01G			
B*35:01:01G+B*40:43	B*35:29+B*40:01:01G	B*35:69+B*40:25		
B*35:01:01G+B*40:47	B*40:01:01G+B*53:13	B*40:07+B*53:09		
B*35:01:01G+B*40:50	B*35:29+B*40:02:01G			
B*35:01:01G+B*40:70	B*35:37+B*40:04			
B*35:01:01G+B*40:74	B*35:50+B*40:49			
B*35:01:01G+B*40:80	B*35:17+B*40:125	B*35:22+B*40:59	B*35:30+B*40:01:04	
B*35:01:01G+B*40:96	B*35:50+B*40:110	B*40:06:01G+B*53:13		
B*35:01:01G+B*40:100	B*35:23+B*40:01:04			
B*35:01:01G+B*40:109	B*40:06:01G+B*53:05			
B*35:01:01G+B*40:113	B*35:24:01+B*40:01:01G			
B*35:01:01G+B*40:117	B*40:01:01G+B*53:01:01			
B*35:01:01G+B*40:124:02	B*35:01:04+B*40:124:01			
B*35:01:01G+B*40:128	B*35:08:01+B*40:01:01G	B*35:08:03+B*40:01:04	B*35:80+B*40:25	
B*35:01:01G+B*40:132	B*35:71+B*40:01:01G			
B*35:01:01G+B*40:136	B*35:115+B*40:14:01			
B*35:01:01G+B*40:143	B*35:23+B*40:02:01G			
B*35:01:01G+B*40:145	B*35:122+B*40:02:01G			
B*35:01:01G+B*40:148	B*35:11:01+B*40:06:01G			
B*35:01:01G+B*40:157	B*40:02:01G+B*53:13	B*40:37+B*53:12		
B*35:01:01G+B*41:02:01	B*35:63+B*35:87			
B*35:01:01G+B*42:01:01	B*35:05:01+B*42:13			
B*35:01:01G+B*42:02	B*35:04:01+B*42:09			
B*35:01:01G+B*42:04	B*35:37+B*42:13			
B*35:01:01G+B*42:11	B*35:87+B*48:02:01			
B*35:01:01G+B*44:02:01G	B*35:01:04+B*44:02:07	B*35:10+B*44:12	B*35:71+B*44:91	B*35:115+B*44:03:01G
	B*35:137:01G+B*44:84	B*44:09+B*53:13		
B*35:01:01G+B*44:02:07	B*35:115+B*44:03:02			
B*35:01:01G+B*44:02:10	B*35:42:02+B*44:02:01G	B*35:90+B*44:34		
B*35:01:01G+B*44:02:11	B*35:01:02+B*44:02:01G			
B*35:01:01G+B*44:03:01G	B*35:01:04+B*44:03:02	B*35:27+B*44:109	B*35:71+B*44:37	B*44:46+B*53:13
B*35:01:01G+B*44:04	B*35:93+B*44:28:02			
B*35:01:01G+B*44:05:01	B*35:71+B*44:42	B*44:75+B*53:12		
B*35:01:01G+B*44:06	B*35:115+B*51:42			
B*35:01:01G+B*44:08	B*35:115+B*44:57			
B*35:01:01G+B*44:09	B*35:115+B*44:46			
B*35:01:01G+B*44:15	B*45:01:01G+B*53:12			
B*35:01:01G+B*44:16	B*35:15+B*44:91	B*35:115+B*44:64:02		
B*35:01:01G+B*44:17	B*35:115+B*44:43:01			
B*35:01:01G+B*44:18	B*45:01:01G+B*53:01:01			
B*35:01:01G+B*44:20	B*35:37+B*44:02:07	B*35:115+B*44:47		
B*35:01:01G+B*44:21	B*35:15+B*44:02:01G	B*35:71+B*44:16		
B*35:01:01G+B*44:22	B*35:54+B*44:02:01G	B*35:115+B*44:105		
B*35:01:01G+B*44:25	B*44:75+B*53:05			
B*35:01:01G+B*44:26	B*35:138+B*44:03:01G			
B*35:01:01G+B*44:28:01	B*35:08:01+B*44:03:02			
B*35:01:01G+B*44:28:02	B*35:01:04+B*44:28:01	B*35:08:01+B*44:03:01G	B*35:08:03+B*44:03:02	B*35:45+B*44:37
	B*44:46+B*53:11			
B*35:01:01G+B*44:41	B*35:32+B*44:48	B*35:68:01+B*44:02:01G	B*35:68:02+B*44:02:07	B*35:115+B*44:65

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B*35:01:01G+B*44:44	B*35:115+B*44:40			
B*35:01:01G+B*44:47	B*35:37+B*44:03:02			
B*35:01:01G+B*44:50	B*44:46+B*53:01:01			
B*35:01:01G+B*44:51	B*35:115+B*44:45			
B*35:01:01G+B*44:54	B*35:05:01+B*44:03:02	B*35:68:01+B*44:110		
B*35:01:01G+B*44:62	B*35:04:02+B*44:17			
B*35:01:01G+B*44:64:02	B*35:01:04+B*44:64:01	B*35:15+B*44:37		
B*35:01:01G+B*44:65	B*35:68:01+B*44:03:01G	B*35:68:02+B*44:03:02		
B*35:01:01G+B*44:67	B*35:115+B*44:13			
B*35:01:01G+B*44:76	B*35:08:01+B*44:79	B*35:11:01+B*44:28:02		
B*35:01:01G+B*44:77	B*35:04:01+B*44:43:01			
B*35:01:01G+B*44:79	B*35:11:01+B*44:03:01G			
B*35:01:01G+B*44:81	B*35:01:16+B*44:03:01G			
B*35:01:01G+B*44:89	B*35:115+B*44:29			
B*35:01:01G+B*44:91	B*35:115+B*44:37			
B*35:01:01G+B*44:95	B*35:115+B*44:50	B*44:09+B*53:01:01		
B*35:01:01G+B*44:103	B*35:50+B*44:03:01G			
B*35:01:01G+B*44:105	B*35:54+B*44:03:01G			
B*35:01:01G+B*44:106	B*35:05:01+B*44:02:07	B*35:115+B*44:54		
B*35:01:01G+B*44:107	B*35:34+B*44:43:01			
B*35:01:01G+B*44:109	B*44:46+B*53:12			
B*35:01:01G+B*44:110	B*35:30+B*44:03:02			
B*35:01:01G+B*45:01:01G	B*35:71+B*45:04			
B*35:01:01G+B*45:08	B*35:93+B*45:04			
B*35:01:01G+B*45:10	B*35:15+B*45:04			
B*35:01:01G+B*45:12	B*35:146+B*45:01:01G			
B*35:01:01G+B*46:01:01G	B*35:11:01+B*46:09	B*35:14:01+B*46:13:03	B*35:14:02+B*46:13:01	B*35:62+B*46:08
B*35:01:01G+B*46:01:03	B*35:14:01+B*46:13:01			
B*35:01:01G+B*46:05	B*35:54+B*46:01:01G			
B*35:01:01G+B*46:08	B*35:11:01+B*46:13:03	B*35:11:02+B*46:13:01		
B*35:01:01G+B*46:09	B*35:62+B*46:13:03			
B*35:01:01G+B*46:10	B*35:90+B*46:01:01G			
B*35:01:01G+B*46:17	B*35:71+B*46:01:01G			
B*35:01:01G+B*46:18	B*35:93+B*46:11			
B*35:01:01G+B*46:21:01	B*35:93+B*46:13:03			
B*35:01:01G+B*46:21:02	B*35:93+B*46:13:01			
B*35:01:01G+B*47:01:01G	B*47:02+B*53:03			
B*35:01:01G+B*47:07	B*35:138+B*47:01:01G			
B*35:01:01G+B*48:01:01G	B*35:28+B*48:06	B*35:30+B*48:03:02		
B*35:01:01G+B*48:03:01	B*35:01:04+B*48:03:02	B*35:04:01+B*48:23		
B*35:01:01G+B*48:10	B*35:64+B*48:12			
B*35:01:01G+B*48:13	B*35:31+B*48:02:01			
B*35:01:01G+B*48:15	B*35:11:01+B*48:01:01G			
B*35:01:01G+B*48:18	B*48:01:01G+B*53:05			
B*35:01:01G+B*48:19	B*35:62+B*48:01:01G			
B*35:01:01G+B*49:01:01	B*35:11:01+B*49:11	B*50:01:01+B*53:01:01		
B*35:01:01G+B*49:02	B*50:01:01+B*53:13			
B*35:01:01G+B*49:07	B*35:15+B*49:01:01			
B*35:01:01G+B*49:08	B*35:104+B*49:01:01			
B*35:01:01G+B*49:09	B*35:21+B*49:11	B*35:24:01+B*49:01:01	B*50:01:01+B*53:02	
B*35:01:01G+B*49:12	B*35:91+B*49:01:01			
B*35:01:01G+B*50:02	B*35:71+B*50:01:01			
B*35:01:01G+B*51:01:01G	B*35:01:10+B*51:01:04	B*35:04:01+B*51:37	B*35:11:01+B*51:09:01	B*35:24:01+B*51:02:01
	B*35:34+B*51:63	B*35:37+B*51:04	B*35:42:02+B*51:01:02	B*53:01:01+B*78:02:02
	B*53:06+B*78:04			
B*35:01:01G+B*51:01:02	B*35:11:01+B*51:09:02	B*35:24:01+B*51:02:02	B*53:01:01+B*78:02:01	
B*35:01:01G+B*51:01:03	B*35:01:19+B*51:01:01G			
B*35:01:01G+B*51:01:04	B*35:24:01+B*51:02:04			
B*35:01:01G+B*51:01:16	B*35:01:04+B*51:01:01G			
B*35:01:01G+B*51:02:01	B*35:01:10+B*51:02:04	B*35:42:02+B*51:02:02		
B*35:01:01G+B*51:02:02	B*53:08:01+B*78:04			
B*35:01:01G+B*51:05	B*53:24+B*78:04			
B*35:01:01G+B*51:06	B*35:04:02+B*51:45	B*35:24:01+B*51:59	B*35:68:02+B*51:04	
B*35:01:01G+B*51:07:01	B*35:20:01+B*51:01:01G	B*35:42:02+B*51:07:02		
B*35:01:01G+B*51:07:02	B*35:20:01+B*51:01:02			
B*35:01:01G+B*51:08	B*35:34+B*51:97	B*35:115+B*51:09:01		
B*35:01:01G+B*51:09:01	B*35:42:02+B*51:09:02			
B*35:01:01G+B*51:09:02	B*53:02+B*78:04			
B*35:01:01G+B*51:13:02	B*35:01:10+B*51:13:01	B*35:03:01G+B*51:63	B*35:06+B*51:37	
B*35:01:01G+B*51:16	B*35:11:01+B*51:31	B*35:15+B*51:01:01G	B*35:24:01+B*51:34	
B*35:01:01G+B*51:20	B*35:29+B*51:08			
B*35:01:01G+B*51:21	B*35:93+B*51:01:01G			
B*35:01:01G+B*51:22	B*35:82+B*51:01:01G			
B*35:01:01G+B*51:23	B*35:71+B*51:02:01			
B*35:01:01G+B*51:24:02	B*35:64+B*51:01:04			
B*35:01:01G+B*51:24:03	B*35:01:10+B*51:24:02	B*35:09:02+B*51:37	B*35:64+B*51:01:01G	
B*35:01:01G+B*51:29	B*35:08:01+B*51:01:01G	B*53:24+B*78:02:02		
B*35:01:01G+B*51:31	B*35:15+B*51:09:01			
B*35:01:01G+B*51:34	B*35:15+B*51:02:01			
B*35:01:01G+B*51:35	B*35:116+B*51:01:01G			
B*35:01:01G+B*51:54	B*53:11+B*78:04			
B*35:01:01G+B*51:57	B*53:21+B*78:02:02			
B*35:01:01G+B*51:61	B*35:14:02+B*51:09:01			
B*35:01:01G+B*51:64	B*35:05:01+B*51:04			
B*35:01:01G+B*51:73	B*35:143+B*51:09:01			
B*35:01:01G+B*51:76	B*35:101:02+B*51:01:01G			
B*35:01:01G+B*51:78	B*53:13+B*78:02:02			
B*35:01:01G+B*51:82	B*35:08:01+B*51:16	B*35:15+B*51:29		
B*35:01:01G+B*51:90	B*35:34+B*51:37			
B*35:01:01G+B*51:101	B*35:35+B*51:01:01G			
B*35:01:01G+B*52:01:01G	B*35:01:10+B*52:01:05	B*35:10+B*51:07:02	B*35:11:01+B*52:10	B*35:24:01+B*52:11
	B*35:28+B*51:01:02	B*53:01:01+B*78:05	B*53:05+B*78:06	
B*35:01:01G+B*52:01:02	B*35:10+B*51:07:01	B*35:20:01+B*52:06:02	B*35:21+B*52:03	B*35:27+B*52:09
	B*35:28+B*51:01:01G	B*35:42:02+B*52:01:01G		
B*35:01:01G+B*52:01:03	B*35:01:08+B*52:01:01G			
B*35:01:01G+B*52:06:01	B*35:01:08+B*52:06:02			
B*35:01:01G+B*52:06:02	B*35:10+B*51:01:01G			
B*35:01:01G+B*52:08	B*35:15+B*52:01:01G			
B*35:01:01G+B*52:10	B*35:28+B*51:09:02			
B*35:01:01G+B*52:11	B*35:28+B*51:02:02			
B*35:01:01G+B*52:15	B*35:71+B*52:01:01G			
B*35:01:01G+B*52:19	B*35:115+B*52:10			
B*35:01:01G+B*52:20	B*53:12+B*78:06	B*53:13+B*78:05		
B*35:01:01G+B*52:21	B*35:62+B*52:01:02			
B*35:01:01G+B*53:01:01	B*35:27+B*53:05			

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B*35:01:01G+B*53:01:02	B*35:01:16+B*53:01:01		
B*35:01:01G+B*53:02	B*35:24:01+B*53:01:01		
B*35:01:01G+B*53:04	B*35:03:01G+B*53:01:01	B*35:56+B*53:05	
B*35:01:01G+B*53:08:01	B*35:11:01+B*53:01:01		
B*35:01:01G+B*53:08:02	B*35:11:01+B*53:01:03	B*35:11:02+B*53:01:01	
B*35:01:01G+B*53:09	B*35:20:01+B*53:13		
B*35:01:01G+B*53:11	B*35:08:01+B*53:13		
B*35:01:01G+B*53:13	B*35:27+B*53:12		
B*35:01:01G+B*53:14	B*35:05:01+B*53:01:01		
B*35:01:01G+B*53:16	B*35:08:01+B*53:05		
B*35:01:01G+B*53:19	B*35:02:01+B*53:01:01		
B*35:01:01G+B*53:23	B*35:29+B*53:01:01		
B*35:01:01G+B*53:24	B*35:08:01+B*53:01:01	B*35:27+B*53:16	
B*35:01:01G+B*54:01:01G	B*35:93+B*54:03		
B*35:01:01G+B*54:02	B*35:50+B*54:01:01G		
B*35:01:01G+B*54:04	B*35:04:01+B*54:14		
B*35:01:01G+B*54:10	B*35:08:01+B*54:01:01G		
B*35:01:01G+B*54:12	B*53:01:01+B*54:01:01G		
B*35:01:01G+B*54:20	B*35:11:01+B*54:10		
B*35:01:01G+B*54:21	B*35:124+B*54:01:01G		
B*35:01:01G+B*55:01:01G	B*35:11:01+B*55:02:01G	B*35:29+B*55:31	B*35:93+B*56:25
B*35:01:01G+B*55:01:04	B*35:01:10+B*55:01:01G		
B*35:01:01G+B*55:02:01G	B*35:60+B*56:09	B*35:93+B*56:01:01G	
B*35:01:01G+B*55:02:04	B*35:01:04+B*55:02:01G		
B*35:01:01G+B*55:09	B*35:08:01+B*55:24		
B*35:01:01G+B*55:12	B*35:27+B*55:02:01G		
B*35:01:01G+B*55:13	B*35:03:01G+B*55:32	B*35:06+B*55:23	B*35:93+B*56:22
B*35:01:01G+B*55:21	B*35:14:01+B*55:02:01G	B*35:62+B*55:01:01G	
B*35:01:01G+B*55:22	B*35:15+B*56:01:01G		
B*35:01:01G+B*55:24	B*35:11:01+B*55:22	B*35:15+B*56:25	
B*35:01:01G+B*55:26	B*35:143+B*55:02:01G		
B*35:01:01G+B*55:34	B*35:10+B*55:47		
B*35:01:01G+B*55:37	B*35:08:01+B*55:02:01G		
B*35:01:01G+B*55:40	B*35:10+B*55:01:01G	B*35:69+B*55:31	
B*35:01:01G+B*55:42	B*35:116+B*55:02:01G		
B*35:01:01G+B*56:05:01	B*35:42:02+B*56:05:02	B*56:09+B*78:02:02	
B*35:01:01G+B*56:05:02	B*56:09+B*78:02:01		
B*35:01:01G+B*56:06	B*35:76+B*78:02:02		
B*35:01:01G+B*56:07	B*53:13+B*56:01:01G		
B*35:01:01G+B*56:10	B*35:93+B*56:02		
B*35:01:01G+B*56:11	B*35:03:01G+B*56:09		
B*35:01:01G+B*56:13	B*35:115+B*56:01:01G		
B*35:01:01G+B*56:16	B*35:124+B*56:01:01G		
B*35:01:01G+B*56:21	B*51:01:02+B*56:09	B*53:01:01+B*56:05:02	
B*35:01:01G+B*56:25	B*35:11:01+B*56:01:01G		
B*35:01:01G+B*56:29	B*35:122+B*56:01:01G		
B*35:01:01G+B*57:02:01	B*35:04:01+B*57:19	B*35:08:01+B*57:03:01	B*53:01:01+B*57:12
B*35:01:01G+B*57:03:01	B*35:04:01+B*57:01:01G		
B*35:01:01G+B*57:07	B*35:71+B*57:03:01		
B*35:01:01G+B*57:19	B*35:08:01+B*57:01:01G		
B*35:01:01G+B*57:22	B*35:11:01+B*57:01:01G		
B*35:01:01G+B*57:24	B*35:115+B*57:01:01G		
B*35:01:01G+B*57:25	B*35:15+B*57:01:01G		
B*35:01:01G+B*57:26	B*35:93+B*57:01:01G		
B*35:01:01G+B*58:06	B*35:11:01+B*58:02		
B*35:01:01G+B*58:07	B*35:71+B*58:02		
B*35:01:01G+B*58:08	B*58:01:01G+B*78:02:02		
B*35:01:01G+B*58:09	B*35:24:01+B*58:01:01G		
B*35:01:01G+B*58:12	B*35:124+B*58:01:01G		
B*35:01:01G+B*58:16	B*35:68:02+B*58:01:01G		
B*35:01:01G+B*58:18	B*35:05:01+B*58:01:01G		
B*35:01:01G+B*58:19	B*35:11:01+B*58:01:01G		
B*35:01:01G+B*58:22	B*35:08:01+B*58:01:01G		
B*35:01:01G+B*58:27	B*35:31+B*58:01:01G		
B*35:01:01G+B*58:28	B*35:04:03+B*58:01:01G		
B*35:01:01G+B*59:01	B*35:93+B*59:04		
B*35:01:01G+B*78:01	B*35:29+B*78:02:02		
B*35:01:01G+B*78:02:01	B*35:21+B*78:04		
B*35:01:01G+B*78:02:02	B*35:42:02+B*78:02:01		
B*35:01:01G+B*78:03	B*35:82+B*78:01		
B*35:01:01G+B*78:05	B*35:28+B*78:02:01		
B*35:01:01G+B*78:06	B*35:27+B*78:05		
B*35:01:01G+B*78:07	B*35:93+B*78:01		
B*35:01:01G+B*81:01:01G	B*35:76+B*48:06		
B*35:01:02+B*44:02:10	B*35:42:02+B*44:02:11		
B*35:01:02+B*44:21	B*35:15+B*44:02:11		
B*35:01:02+B*44:22	B*35:54+B*44:02:11		
B*35:01:02+B*44:41	B*35:68:01+B*44:02:11		
B*35:01:04+B*35:05:01	B*35:30+B*35:68:02		
B*35:01:04+B*35:18	B*35:08:03+B*35:09:02		
B*35:01:04+B*35:22	B*35:05:01+B*35:12:01		
B*35:01:04+B*35:45	B*35:08:03+B*35:71		
B*35:01:04+B*35:80	B*35:08:03+B*35:10		
B*35:01:04+B*35:142	B*35:08:03+B*35:124		
B*35:01:04+B*38:01:01	B*35:68:02+B*38:20		
B*35:01:04+B*38:19	B*35:05:01+B*38:20	B*35:30+B*38:01:01	
B*35:01:04+B*39:01:01G	B*35:68:02+B*39:42		
B*35:01:04+B*39:03	B*35:05:01+B*39:42	B*35:30+B*39:01:01G	
B*35:01:04+B*39:09	B*35:48+B*39:01:01G		
B*35:01:04+B*39:11	B*35:08:03+B*39:05:01		
B*35:01:04+B*39:37	B*35:30+B*39:05:01		
B*35:01:04+B*40:02:01G	B*35:30+B*40:11:01		
B*35:01:04+B*40:03	B*35:30+B*40:20		
B*35:01:04+B*40:31	B*35:30+B*40:33		
B*35:01:04+B*40:45	B*35:30+B*40:114		
B*35:01:04+B*40:80	B*35:30+B*40:01:01G		
B*35:01:04+B*40:100	B*35:23+B*40:01:01G		
B*35:01:04+B*40:128	B*35:08:03+B*40:01:01G		
B*35:01:04+B*41:02:01	B*35:30+B*41:03:02		
B*35:01:04+B*44:20	B*35:37+B*44:02:01G		
B*35:01:04+B*44:28:02	B*35:08:03+B*44:03:01G		
B*35:01:04+B*44:41	B*35:68:02+B*44:02:01G		
B*35:01:04+B*44:47	B*35:37+B*44:03:01G		
B*35:01:04+B*44:54	B*35:05:01+B*44:03:01G	B*35:30+B*44:65	B*35:68:02+B*44:110
B*35:01:04+B*44:65	B*35:68:02+B*44:03:01G		

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B*35:01:04+B*44:76	B*35:08:03+B*44:79	
B*35:01:04+B*44:106	B*35:05:01+B*44:02:01G	B*35:30+B*44:41
B*35:01:04+B*44:110	B*35:30+B*44:03:01G	
B*35:01:04+B*46:12	B*35:30+B*46:01:01G	
B*35:01:04+B*48:01:01G	B*35:30+B*48:03:01	
B*35:01:04+B*51:01:03	B*35:01:19+B*51:01:16	
B*35:01:04+B*51:06	B*35:32+B*51:56	
B*35:01:04+B*51:07:01	B*35:20:01+B*51:01:16	
B*35:01:04+B*51:16	B*35:15+B*51:01:16	
B*35:01:04+B*51:21	B*35:93+B*51:01:16	
B*35:01:04+B*51:22	B*35:82+B*51:01:16	
B*35:01:04+B*51:24:03	B*35:64+B*51:01:16	
B*35:01:04+B*51:29	B*35:08:01+B*51:01:16	B*35:08:03+B*51:01:01G
B*35:01:04+B*51:35	B*35:116+B*51:01:16	
B*35:01:04+B*51:64	B*35:30+B*51:06	
B*35:01:04+B*51:76	B*35:101:02+B*51:01:16	
B*35:01:04+B*51:82	B*35:08:03+B*51:16	
B*35:01:04+B*51:101	B*35:35+B*51:01:16	
B*35:01:04+B*52:01:02	B*35:28+B*51:01:16	
B*35:01:04+B*52:06:02	B*35:10+B*51:01:16	
B*35:01:04+B*53:11	B*35:08:03+B*53:13	
B*35:01:04+B*53:16	B*35:08:03+B*53:05	
B*35:01:04+B*53:24	B*35:08:03+B*53:01:01	
B*35:01:04+B*54:10	B*35:08:03+B*54:01:01G	
B*35:01:04+B*55:01:01G	B*35:11:01+B*55:02:04	
B*35:01:04+B*55:09	B*35:08:03+B*55:24	
B*35:01:04+B*55:12	B*35:27+B*55:02:04	
B*35:01:04+B*55:21	B*35:14:01+B*55:02:04	
B*35:01:04+B*55:26	B*35:143+B*55:02:04	
B*35:01:04+B*55:37	B*35:08:01+B*55:02:04	B*35:08:03+B*55:02:01G
B*35:01:04+B*55:42	B*35:116+B*55:02:04	
B*35:01:04+B*57:02:01	B*35:08:03+B*57:03:01	
B*35:01:04+B*57:19	B*35:08:03+B*57:01:01G	
B*35:01:04+B*58:18	B*35:30+B*58:16	
B*35:01:04+B*58:22	B*35:08:03+B*58:01:01G	
B*35:01:07+B*38:01:01	B*39:05:02+B*53:01:01	
B*35:01:07+B*38:01:03	B*39:05:02+B*53:01:03	
B*35:01:07+B*38:02:01G	B*39:05:02+B*53:13	
B*35:01:07+B*38:14	B*39:05:02+B*53:23	
B*35:01:07+B*38:17	B*39:05:02+B*53:03	
B*35:01:07+B*39:01:01G	B*35:29+B*39:05:02	
B*35:01:07+B*39:11	B*35:08:01+B*39:05:02	
B*35:01:07+B*39:22	B*35:69+B*39:05:02	
B*35:01:08+B*37:06	B*35:19+B*37:01:01G	
B*35:01:08+B*40:01:03	B*35:01:15+B*40:01:01G	
B*35:01:08+B*51:01:03	B*35:01:15+B*51:01:01G	
B*35:01:08+B*52:01:02	B*35:20:01+B*52:06:01	B*35:42:02+B*52:01:03
B*35:01:08+B*52:08	B*35:15+B*52:01:03	
B*35:01:08+B*52:15	B*35:71+B*52:01:03	
B*35:01:10+B*35:02:01	B*35:04:02+B*35:146	
B*35:01:10+B*35:04:03	B*35:01:17+B*35:04:02	
B*35:01:10+B*35:09:02	B*35:04:02+B*35:64	
B*35:01:10+B*35:22	B*35:04:02+B*35:51	
B*35:01:10+B*35:44	B*35:04:02+B*35:43:01G	
B*35:01:10+B*40:01:03	B*35:01:19+B*40:01:06	
B*35:01:10+B*40:01:11	B*35:42:02+B*40:01:06	
B*35:01:10+B*40:02:01G	B*35:04:02+B*40:03	
B*35:01:10+B*40:11:01	B*35:04:02+B*40:20	
B*35:01:10+B*40:43	B*35:29+B*40:01:06	
B*35:01:10+B*40:47	B*40:01:06+B*53:13	
B*35:01:10+B*40:113	B*35:24:01+B*40:01:06	
B*35:01:10+B*40:117	B*40:01:06+B*53:01:01	
B*35:01:10+B*40:128	B*35:08:01+B*40:01:06	
B*35:01:10+B*40:132	B*35:71+B*40:01:06	
B*35:01:10+B*40:148	B*35:64+B*40:95	
B*35:01:10+B*42:02	B*35:04:02+B*42:09	
B*35:01:10+B*44:77	B*35:04:02+B*44:43:01	
B*35:01:10+B*48:03:01	B*35:04:02+B*48:23	
B*35:01:10+B*51:01:01G	B*35:04:02+B*51:37	
B*35:01:10+B*51:24:01	B*35:09:01+B*51:37	
B*35:01:10+B*51:92	B*35:03:01G+B*51:37	
B*35:01:10+B*54:04	B*35:04:02+B*54:14	
B*35:01:10+B*55:21	B*35:62+B*55:01:04	
B*35:01:10+B*55:40	B*35:10+B*55:01:04	
B*35:01:10+B*57:02:01	B*35:04:02+B*57:19	
B*35:01:10+B*57:03:01	B*35:04:02+B*57:01:01G	
B*35:01:15+B*52:01:01G	B*35:01:19+B*52:01:03	
B*35:01:15+B*52:06:02	B*35:01:19+B*52:06:01	
B*35:01:16+B*38:01:01	B*39:05:01+B*53:01:02	
B*35:01:16+B*38:14	B*39:01:01G+B*53:01:02	
B*35:01:16+B*38:19	B*39:37+B*53:01:02	
B*35:01:16+B*38:26	B*53:01:02+B*67:01:01	
B*35:01:16+B*40:19	B*40:02:01G+B*53:01:02	
B*35:01:16+B*40:117	B*40:01:01G+B*53:01:02	
B*35:01:16+B*44:02:01G	B*35:115+B*44:81	
B*35:01:16+B*44:18	B*45:01:01G+B*53:01:02	
B*35:01:16+B*44:26	B*35:138+B*44:81	
B*35:01:16+B*44:28:02	B*35:08:01+B*44:81	
B*35:01:16+B*44:50	B*44:46+B*53:01:02	
B*35:01:16+B*44:65	B*35:68:01+B*44:81	
B*35:01:16+B*44:79	B*35:11:01+B*44:81	
B*35:01:16+B*44:95	B*44:09+B*53:01:02	
B*35:01:16+B*44:103	B*35:50+B*44:81	
B*35:01:16+B*44:105	B*35:54+B*44:81	
B*35:01:16+B*49:01:01	B*50:01:01+B*53:01:02	
B*35:01:16+B*51:01:01G	B*53:01:02+B*78:02:02	
B*35:01:16+B*51:01:02	B*53:01:02+B*78:02:01	
B*35:01:16+B*52:01:01G	B*53:01:02+B*78:05	
B*35:01:16+B*53:02	B*35:24:01+B*53:01:02	
B*35:01:16+B*53:04	B*35:03:01G+B*53:01:02	
B*35:01:16+B*53:08:01	B*35:11:01+B*53:01:02	
B*35:01:16+B*53:08:02	B*35:11:02+B*53:01:02	
B*35:01:16+B*53:14	B*35:05:01+B*53:01:02	
B*35:01:16+B*53:19	B*35:02:01+B*53:01:02	
B*35:01:16+B*53:23	B*35:29+B*53:01:02	

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B*35:01:16+B*53:24	B*35:08:01+B*53:01:02	
B*35:01:16+B*54:12	B*53:01:02+B*54:01:01G	
B*35:01:16+B*56:21	B*53:01:02+B*56:05:02	
B*35:01:16+B*57:02:01	B*53:01:02+B*57:12	
B*35:01:17+B*35:02:01	B*35:04:03+B*35:146	
B*35:01:17+B*35:09:02	B*35:04:03+B*35:64	
B*35:01:17+B*35:13	B*35:03:07+B*35:10	
B*35:01:17+B*35:22	B*35:04:03+B*35:51	
B*35:01:17+B*35:31	B*35:51+B*35:88	
B*35:01:17+B*35:33	B*35:03:07+B*35:15	
B*35:01:17+B*35:38	B*35:03:07+B*35:115	
B*35:01:17+B*35:44	B*35:04:03+B*35:43:01G	
B*35:01:17+B*35:56	B*35:03:07+B*35:27	
B*35:01:17+B*35:85	B*35:03:07+B*35:82	
B*35:01:17+B*35:109	B*35:03:07+B*35:24:01	
B*35:01:17+B*35:136	B*35:03:07+B*35:29	
B*35:01:17+B*35:150	B*35:03:07+B*35:90	
B*35:01:17+B*35:151	B*35:03:07+B*35:68:02	
B*35:01:17+B*39:55	B*35:03:07+B*39:07	
B*35:01:17+B*40:01:01G	B*35:04:03+B*40:52	
B*35:01:17+B*40:02:01G	B*35:04:03+B*40:03	B*35:51+B*40:04
B*35:01:17+B*40:08	B*35:51+B*40:68	
B*35:01:17+B*40:11:01	B*35:04:03+B*40:20	
B*35:01:17+B*40:36	B*35:03:07+B*40:38	
B*35:01:17+B*40:128	B*35:61+B*40:125	
B*35:01:17+B*42:02	B*35:04:03+B*42:09	
B*35:01:17+B*44:77	B*35:04:03+B*44:43:01	
B*35:01:17+B*44:106	B*35:51+B*44:48	
B*35:01:17+B*48:03:01	B*35:04:03+B*48:23	
B*35:01:17+B*51:01:01G	B*35:04:03+B*51:37	
B*35:01:17+B*51:13:02	B*35:03:07+B*51:63	
B*35:01:17+B*53:04	B*35:03:07+B*53:01:01	
B*35:01:17+B*54:04	B*35:04:03+B*54:14	
B*35:01:17+B*55:13	B*35:03:07+B*55:32	
B*35:01:17+B*55:27	B*35:34+B*55:23	
B*35:01:17+B*56:11	B*35:03:07+B*56:09	
B*35:01:17+B*57:02:01	B*35:04:03+B*57:19	
B*35:01:17+B*57:03:01	B*35:04:03+B*57:01:01G	
B*35:01:19+B*40:01:11	B*35:42:02+B*40:01:03	
B*35:01:19+B*40:43	B*35:29+B*40:01:03	
B*35:01:19+B*40:47	B*40:01:03+B*53:13	
B*35:01:19+B*40:113	B*35:24:01+B*40:01:03	
B*35:01:19+B*40:117	B*40:01:03+B*53:01:01	
B*35:01:19+B*40:128	B*35:08:01+B*40:01:03	
B*35:01:19+B*40:132	B*35:71+B*40:01:03	
B*35:01:19+B*51:07:01	B*35:20:01+B*51:01:03	
B*35:01:19+B*51:16	B*35:15+B*51:01:03	
B*35:01:19+B*51:21	B*35:93+B*51:01:03	
B*35:01:19+B*51:22	B*35:82+B*51:01:03	
B*35:01:19+B*51:24:03	B*35:64+B*51:01:03	
B*35:01:19+B*51:29	B*35:08:01+B*51:01:03	
B*35:01:19+B*51:35	B*35:116+B*51:01:03	
B*35:01:19+B*51:76	B*35:101:02+B*51:01:03	
B*35:01:19+B*51:101	B*35:35+B*51:01:03	
B*35:01:19+B*52:01:02	B*35:28+B*51:01:03	
B*35:01:19+B*52:06:02	B*35:10+B*51:01:03	
B*35:01:21+B*82:01	B*35:23+B*82:03	
B*35:02:01+B*35:20:02	B*35:02:02+B*35:20:01	
B*35:02:01+B*35:21	B*35:11:01+B*35:81	
B*35:02:01+B*35:28	B*35:10+B*35:95	
B*35:02:01+B*35:43:01G	B*35:44+B*35:146	
B*35:02:01+B*35:51	B*35:22+B*35:146	
B*35:02:01+B*35:64	B*35:09:02+B*35:146	
B*35:02:01+B*35:72	B*35:05:01+B*35:95	
B*35:02:01+B*35:109	B*35:03:01G+B*35:81	
B*35:02:01+B*37:01:01G	B*35:95+B*37:21	
B*35:02:01+B*37:04:01	B*35:81+B*37:01:01G	
B*35:02:01+B*38:01:01	B*39:05:01+B*53:19	
B*35:02:01+B*38:14	B*39:01:01G+B*53:19	
B*35:02:01+B*38:19	B*39:37+B*53:19	
B*35:02:01+B*38:26	B*53:19+B*67:01:01	
B*35:02:01+B*39:39	B*35:95+B*39:58	
B*35:02:01+B*39:48	B*35:81+B*39:01:01G	
B*35:02:01+B*40:01:01G	B*35:95+B*40:07	
B*35:02:01+B*40:03	B*35:146+B*40:02:01G	
B*35:02:01+B*40:19	B*35:95+B*40:13	B*40:02:01G+B*53:19
B*35:02:01+B*40:20	B*35:146+B*40:11:01	
B*35:02:01+B*40:25	B*35:95+B*40:106	
B*35:02:01+B*40:52	B*35:146+B*40:01:01G	
B*35:02:01+B*40:113	B*35:81+B*40:01:01G	
B*35:02:01+B*40:117	B*40:01:01G+B*53:19	
B*35:02:01+B*42:09	B*35:146+B*42:02	
B*35:02:01+B*44:18	B*45:01:01G+B*53:19	
B*35:02:01+B*44:43:01	B*35:146+B*44:77	
B*35:02:01+B*44:50	B*44:46+B*53:19	
B*35:02:01+B*44:95	B*44:09+B*53:19	
B*35:02:01+B*45:01:01G	B*35:04:01+B*45:12	
B*35:02:01+B*48:23	B*35:146+B*48:03:01	
B*35:02:01+B*49:01:01	B*50:01:01+B*53:19	
B*35:02:01+B*49:09	B*35:81+B*49:01:01	
B*35:02:01+B*51:01:01G	B*35:81+B*51:02:01	B*53:19+B*78:02:02
B*35:02:01+B*51:01:02	B*35:81+B*51:02:02	B*53:19+B*78:02:01
B*35:02:01+B*51:01:04	B*35:81+B*51:02:04	
B*35:02:01+B*51:06	B*35:81+B*51:59	
B*35:02:01+B*51:07:01	B*35:95+B*51:01:01G	
B*35:02:01+B*51:07:02	B*35:95+B*51:01:02	
B*35:02:01+B*51:16	B*35:81+B*51:34	
B*35:02:01+B*51:37	B*35:146+B*51:01:01G	
B*35:02:01+B*52:01:01G	B*35:81+B*52:11	B*53:19+B*78:05
B*35:02:01+B*52:01:02	B*35:95+B*52:06:02	
B*35:02:01+B*53:01:05	B*35:02:04+B*53:01:01	
B*35:02:01+B*53:02	B*35:24:01+B*53:19	B*35:81+B*53:01:01
B*35:02:01+B*53:04	B*35:03:01G+B*53:19	
B*35:02:01+B*53:08:01	B*35:11:01+B*53:19	
B*35:02:01+B*53:08:02	B*35:11:02+B*53:19	

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B*35:02:01+B*53:09	B*35:95+B*53:13			
B*35:02:01+B*53:14	B*35:05:01+B*53:19			
B*35:02:01+B*53:23	B*35:29+B*53:19			
B*35:02:01+B*53:24	B*35:08:01+B*53:19			
B*35:02:01+B*54:12	B*53:19+B*54:01:01G			
B*35:02:01+B*54:14	B*35:146+B*54:04			
B*35:02:01+B*56:21	B*53:19+B*56:05:02			
B*35:02:01+B*57:01:01G	B*35:146+B*57:03:01			
B*35:02:01+B*57:02:01	B*53:19+B*57:12			
B*35:02:01+B*57:19	B*35:146+B*57:02:01			
B*35:02:01+B*58:09	B*35:81+B*58:01:01G			
B*35:02:04+B*53:02	B*35:81+B*53:01:05			
B*35:03:01G+B*35:04:01	B*35:06+B*35:34			
B*35:03:01G+B*35:04:03	B*35:03:07+B*35:04:01			
B*35:03:01G+B*35:11:02	B*35:03:02+B*35:11:01			
B*35:03:01G+B*35:12:01	B*35:06+B*35:39	B*35:34+B*35:59		
B*35:03:01G+B*35:14:02	B*35:03:02+B*35:14:01			
B*35:03:01G+B*35:16	B*35:13+B*35:17			
B*35:03:01G+B*35:21	B*35:11:01+B*35:109			
B*35:03:01G+B*35:28	B*35:13+B*35:20:01			
B*35:03:01G+B*35:69	B*35:10+B*35:136	B*35:13+B*35:29		
B*35:03:01G+B*35:80	B*35:08:01+B*35:13			
B*35:03:01G+B*35:86	B*35:33+B*35:43:01G			
B*35:03:01G+B*35:135	B*35:43:01G+B*35:85			
B*35:03:01G+B*37:04:01	B*35:109+B*37:01:01G			
B*35:03:01G+B*38:01:01	B*39:05:01+B*53:04			
B*35:03:01G+B*38:01:03	B*35:03:02+B*38:01:01			
B*35:03:01G+B*38:04	B*35:13+B*38:02:03			
B*35:03:01G+B*38:14	B*35:136+B*38:01:01	B*39:01:01G+B*53:04		
B*35:03:01G+B*38:19	B*39:37+B*53:04			
B*35:03:01G+B*38:26	B*53:04+B*67:01:01			
B*35:03:01G+B*39:01:01G	B*35:06+B*39:15	B*35:85+B*39:58	B*35:136+B*39:05:01	
B*35:03:01G+B*39:01:05	B*35:03:02+B*39:01:01G			
B*35:03:01G+B*39:02:01	B*35:13+B*39:39			
B*35:03:01G+B*39:02:02	B*35:136+B*39:13:01			
B*35:03:01G+B*39:03	B*35:136+B*39:37			
B*35:03:01G+B*39:05:01	B*35:06+B*39:55			
B*35:03:01G+B*39:13:01	B*35:06+B*39:49			
B*35:03:01G+B*39:14	B*35:06+B*39:29	B*35:34+B*39:03		
B*35:03:01G+B*39:15	B*35:136+B*39:55			
B*35:03:01G+B*39:22	B*35:13+B*39:01:01G			
B*35:03:01G+B*39:27	B*35:74+B*39:01:01G			
B*35:03:01G+B*39:48	B*35:109+B*39:01:01G			
B*35:03:01G+B*40:01:01G	B*35:03:07+B*40:01:17	B*35:06+B*40:33	B*35:13+B*40:25	B*35:33+B*40:63
	B*35:34+B*40:36			
B*35:03:01G+B*40:01:05	B*35:03:03+B*40:01:01G			
B*35:03:01G+B*40:02:01G	B*35:03:07+B*40:02:08	B*35:06+B*40:18		
B*35:03:01G+B*40:06:01G	B*35:06+B*40:44	B*35:34+B*40:86		
B*35:03:01G+B*40:07	B*35:13+B*40:106			
B*35:03:01G+B*40:11:01	B*35:151+B*40:64			
B*35:03:01G+B*40:14:02	B*35:03:02+B*40:14:01			
B*35:03:01G+B*40:16	B*35:06+B*40:32			
B*35:03:01G+B*40:19	B*40:02:01G+B*53:04			
B*35:03:01G+B*40:21	B*35:151+B*40:137			
B*35:03:01G+B*40:37	B*35:56+B*40:02:01G			
B*35:03:01G+B*40:43	B*35:136+B*40:01:01G			
B*35:03:01G+B*40:50	B*35:136+B*40:02:01G			
B*35:03:01G+B*40:73	B*35:74+B*40:01:01G			
B*35:03:01G+B*40:80	B*35:06+B*40:31			
B*35:03:01G+B*40:89	B*35:06+B*40:09			
B*35:03:01G+B*40:105	B*35:06+B*40:03			
B*35:03:01G+B*40:113	B*35:109+B*40:01:01G			
B*35:03:01G+B*40:117	B*40:01:01G+B*53:04			
B*35:03:01G+B*40:136	B*35:38+B*40:14:01			
B*35:03:01G+B*40:139	B*35:127+B*40:01:01G			
B*35:03:01G+B*42:01:01	B*35:34+B*42:06			
B*35:03:01G+B*44:02:01G	B*35:13+B*44:12	B*35:38+B*44:03:01G		
B*35:03:01G+B*44:02:07	B*35:38+B*44:03:02			
B*35:03:01G+B*44:02:09	B*35:03:02+B*44:02:01G			
B*35:03:01G+B*44:02:10	B*35:150+B*44:34			
B*35:03:01G+B*44:03:01G	B*35:56+B*44:109			
B*35:03:01G+B*44:06	B*35:38+B*51:42			
B*35:03:01G+B*44:08	B*35:38+B*44:57			
B*35:03:01G+B*44:09	B*35:38+B*44:46			
B*35:03:01G+B*44:14	B*35:06+B*44:51			
B*35:03:01G+B*44:16	B*35:33+B*44:91	B*35:38+B*44:64:02		
B*35:03:01G+B*44:17	B*35:38+B*44:43:01			
B*35:03:01G+B*44:18	B*45:01:01G+B*53:04			
B*35:03:01G+B*44:20	B*35:38+B*44:47			
B*35:03:01G+B*44:21	B*35:33+B*44:02:01G			
B*35:03:01G+B*44:22	B*35:38+B*44:105			
B*35:03:01G+B*44:41	B*35:38+B*44:65	B*35:151+B*44:02:07		
B*35:03:01G+B*44:44	B*35:38+B*44:40			
B*35:03:01G+B*44:50	B*44:46+B*53:04			
B*35:03:01G+B*44:51	B*35:38+B*44:45			
B*35:03:01G+B*44:64:02	B*35:33+B*44:37			
B*35:03:01G+B*44:65	B*35:151+B*44:03:02			
B*35:03:01G+B*44:67	B*35:38+B*44:13			
B*35:03:01G+B*44:77	B*35:06+B*44:107			
B*35:03:01G+B*44:89	B*35:38+B*44:29			
B*35:03:01G+B*44:91	B*35:38+B*44:37			
B*35:03:01G+B*44:95	B*35:38+B*44:50	B*44:09+B*53:04		
B*35:03:01G+B*44:106	B*35:38+B*44:54			
B*35:03:01G+B*45:10	B*35:33+B*45:04			
B*35:03:01G+B*46:01:01G	B*35:03:02+B*46:01:03			
B*35:03:01G+B*46:10	B*35:150+B*46:01:01G			
B*35:03:01G+B*46:13:03	B*35:03:02+B*46:13:01			
B*35:03:01G+B*46:21:01	B*35:03:02+B*46:21:02			
B*35:03:01G+B*48:01:01G	B*35:34+B*48:07			
B*35:03:01G+B*49:01:01	B*50:01:01+B*53:04			
B*35:03:01G+B*49:07	B*35:33+B*49:01:01			
B*35:03:01G+B*49:09	B*35:109+B*49:01:01			
B*35:03:01G+B*51:01:01G	B*35:04:02+B*51:92	B*35:06+B*51:90	B*35:34+B*51:13:02	B*35:109+B*51:02:01
	B*53:04+B*78:02:02			
B*35:03:01G+B*51:01:02	B*35:109+B*51:02:02	B*53:04+B*78:02:01		

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B*35:03:01G+B*51:01:04	B*35:04:01+B*51:92	B*35:34+B*51:13:01	B*35:109+B*51:02:04	
B*35:03:01G+B*51:06	B*35:109+B*51:59	B*35:151+B*51:04		
B*35:03:01G+B*51:08	B*35:38+B*51:09:01			
B*35:03:01G+B*51:13:01	B*35:06+B*51:92			
B*35:03:01G+B*51:16	B*35:33+B*51:01:01G	B*35:109+B*51:34		
B*35:03:01G+B*51:20	B*35:136+B*51:08			
B*35:03:01G+B*51:22	B*35:85+B*51:01:01G			
B*35:03:01G+B*51:24:01	B*35:09:01+B*51:92			
B*35:03:01G+B*51:24:02	B*35:09:02+B*51:92			
B*35:03:01G+B*51:24:03	B*35:03:02+B*51:24:04			
B*35:03:01G+B*51:31	B*35:33+B*51:09:01			
B*35:03:01G+B*51:34	B*35:33+B*51:02:01			
B*35:03:01G+B*51:82	B*35:33+B*51:29			
B*35:03:01G+B*52:01:01G	B*35:06+B*52:12	B*35:13+B*51:07:02	B*35:109+B*52:11	B*53:04+B*78:05
B*35:03:01G+B*52:01:02	B*35:13+B*51:07:01	B*35:56+B*52:09		
B*35:03:01G+B*52:01:04	B*35:03:03+B*52:01:02			
B*35:03:01G+B*52:01:05	B*35:34+B*52:14			
B*35:03:01G+B*52:06:02	B*35:13+B*51:01:01G			
B*35:03:01G+B*52:08	B*35:33+B*52:01:01G			
B*35:03:01G+B*52:19	B*35:38+B*52:10			
B*35:03:01G+B*53:01:03	B*35:03:02+B*53:01:01			
B*35:03:01G+B*53:02	B*35:24:01+B*53:04	B*35:109+B*53:01:01		
B*35:03:01G+B*53:08:01	B*35:11:01+B*53:04			
B*35:03:01G+B*53:08:02	B*35:03:02+B*53:08:01	B*35:11:02+B*53:04		
B*35:03:01G+B*53:13	B*35:56+B*53:12			
B*35:03:01G+B*53:14	B*35:05:01+B*53:04			
B*35:03:01G+B*53:23	B*35:29+B*53:04	B*35:136+B*53:01:01		
B*35:03:01G+B*53:24	B*35:08:01+B*53:04	B*35:56+B*53:16		
B*35:03:01G+B*54:01:01G	B*35:06+B*54:16			
B*35:03:01G+B*54:12	B*53:04+B*54:01:01G			
B*35:03:01G+B*55:01:01G	B*35:136+B*55:31			
B*35:03:01G+B*55:02:01G	B*35:06+B*55:46	B*35:60+B*56:11		
B*35:03:01G+B*55:03	B*35:74+B*55:01:01G			
B*35:03:01G+B*55:12	B*35:56+B*55:02:01G			
B*35:03:01G+B*55:22	B*35:33+B*56:01:01G			
B*35:03:01G+B*55:24	B*35:33+B*56:25			
B*35:03:01G+B*55:34	B*35:13+B*55:47			
B*35:03:01G+B*55:40	B*35:13+B*55:01:01G			
B*35:03:01G+B*56:01:03	B*35:03:02+B*56:01:01G			
B*35:03:01G+B*56:05:01	B*56:11+B*78:02:02			
B*35:03:01G+B*56:05:02	B*56:11+B*78:02:01			
B*35:03:01G+B*56:13	B*35:38+B*56:01:01G			
B*35:03:01G+B*56:15	B*35:34+B*56:22			
B*35:03:01G+B*56:21	B*51:01:02+B*56:11	B*53:04+B*56:05:02		
B*35:03:01G+B*57:01:03	B*35:03:06+B*57:01:01G			
B*35:03:01G+B*57:02:01	B*53:04+B*57:12			
B*35:03:01G+B*57:21	B*35:127+B*57:01:01G			
B*35:03:01G+B*57:24	B*35:38+B*57:01:01G			
B*35:03:01G+B*57:25	B*35:33+B*57:01:01G			
B*35:03:01G+B*58:01:05	B*35:03:02+B*58:01:01G			
B*35:03:01G+B*58:09	B*35:109+B*58:01:01G			
B*35:03:01G+B*58:16	B*35:151+B*58:01:01G			
B*35:03:01G+B*58:26	B*35:75+B*58:01:01G			
B*35:03:01G+B*78:01	B*35:136+B*78:02:02			
B*35:03:01G+B*78:03	B*35:85+B*78:01			
B*35:03:01G+B*78:06	B*35:56+B*78:05			
B*35:03:02+B*35:21	B*35:11:02+B*35:109			
B*35:03:02+B*38:14	B*35:136+B*38:01:03	B*39:01:05+B*53:04		
B*35:03:02+B*39:22	B*35:13+B*39:01:05			
B*35:03:02+B*39:27	B*35:74+B*39:01:05			
B*35:03:02+B*39:48	B*35:109+B*39:01:05			
B*35:03:02+B*40:136	B*35:38+B*40:14:02			
B*35:03:02+B*44:21	B*35:33+B*44:02:09			
B*35:03:02+B*51:09:01	B*35:109+B*51:40			
B*35:03:02+B*51:21	B*35:96+B*51:40			
B*35:03:02+B*53:02	B*35:109+B*53:01:03			
B*35:03:02+B*53:23	B*35:136+B*53:01:03			
B*35:03:02+B*55:22	B*35:33+B*56:01:03			
B*35:03:02+B*56:13	B*35:38+B*56:01:03			
B*35:03:02+B*57:14	B*35:109+B*57:01:01G			
B*35:03:02+B*58:09	B*35:109+B*58:01:05			
B*35:03:02+B*58:16	B*35:151+B*58:01:05			
B*35:03:02+B*58:26	B*35:75+B*58:01:05			
B*35:03:03+B*40:43	B*35:136+B*40:01:05			
B*35:03:03+B*40:73	B*35:74+B*40:01:05			
B*35:03:03+B*40:113	B*35:109+B*40:01:05			
B*35:03:03+B*40:117	B*40:01:05+B*53:04			
B*35:03:03+B*40:139	B*35:127+B*40:01:05			
B*35:03:06+B*57:21	B*35:127+B*57:01:03			
B*35:03:06+B*57:24	B*35:38+B*57:01:03			
B*35:03:06+B*57:25	B*35:33+B*57:01:03			
B*35:03:07+B*51:01:04	B*35:04:03+B*51:92			
B*35:04:01+B*35:39	B*35:12:01+B*35:34			
B*35:04:01+B*35:43:02	B*35:42:02+B*35:44			
B*35:04:01+B*35:59	B*35:06+B*35:12:01			
B*35:04:01+B*35:61	B*35:08:01+B*35:12:01	B*35:08:03+B*35:12:02		
B*35:04:01+B*35:86	B*35:15+B*35:44			
B*35:04:01+B*35:114	B*35:05:01+B*35:09:02			
B*35:04:01+B*35:135	B*35:44+B*35:82			
B*35:04:01+B*39:03	B*35:06+B*39:14			
B*35:04:01+B*39:15	B*35:34+B*39:01:01G			
B*35:04:01+B*39:29	B*35:34+B*39:14			
B*35:04:01+B*39:49	B*35:34+B*39:13:01			
B*35:04:01+B*39:55	B*35:34+B*39:05:01			
B*35:04:01+B*40:01:01G	B*35:04:03+B*40:01:17			
B*35:04:01+B*40:01:06	B*35:04:02+B*40:01:01G			
B*35:04:01+B*40:01:14	B*35:09:01+B*40:87			
B*35:04:01+B*40:02:01G	B*35:04:03+B*40:02:08	B*35:09:01+B*40:35		
B*35:04:01+B*40:09	B*35:34+B*40:89			
B*35:04:01+B*40:14:01	B*35:09:01+B*40:121			
B*35:04:01+B*40:14:03	B*35:09:02+B*40:121			
B*35:04:01+B*40:18	B*35:12:02+B*40:24	B*35:22+B*40:120	B*35:34+B*40:02:01G	
B*35:04:01+B*40:31	B*35:34+B*40:80			
B*35:04:01+B*40:32	B*35:34+B*40:16			
B*35:04:01+B*40:33	B*35:34+B*40:01:01G			

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B*35:04:01+B*40:36	B*35:06+B*40:01:01G	
B*35:04:01+B*40:44	B*35:34+B*40:06:01G	
B*35:04:01+B*40:86	B*35:06+B*40:06:01G	
B*35:04:01+B*42:01:01	B*35:09:01+B*42:10	
B*35:04:01+B*42:06	B*35:06+B*42:01:01	
B*35:04:01+B*44:17	B*35:115+B*44:77	
B*35:04:01+B*44:51	B*35:34+B*44:14	
B*35:04:01+B*44:53	B*35:09:01+B*44:02:01G	
B*35:04:01+B*44:107	B*35:34+B*44:77	
B*35:04:01+B*48:07	B*35:06+B*48:01:01G	
B*35:04:01+B*48:10	B*35:09:02+B*48:12	
B*35:04:01+B*51:01:01G	B*35:04:02+B*51:01:04	
B*35:04:01+B*51:02:01	B*35:04:02+B*51:02:04	
B*35:04:01+B*51:13:01	B*35:06+B*51:01:04	
B*35:04:01+B*51:13:02	B*35:04:02+B*51:13:01	B*35:06+B*51:01:01G
B*35:04:01+B*51:24:01	B*35:09:01+B*51:01:04	
B*35:04:01+B*51:24:02	B*35:09:02+B*51:01:04	
B*35:04:01+B*51:24:03	B*35:04:02+B*51:24:02	B*35:09:02+B*51:01:01G
B*35:04:01+B*51:90	B*35:34+B*51:01:01G	
B*35:04:01+B*52:01:01G	B*35:04:02+B*52:01:05	
B*35:04:01+B*52:12	B*35:34+B*52:01:01G	
B*35:04:01+B*52:14	B*35:06+B*52:01:05	
B*35:04:01+B*54:16	B*35:34+B*54:01:01G	
B*35:04:01+B*55:01:04	B*35:04:02+B*55:01:01G	
B*35:04:01+B*55:23	B*35:34+B*55:32	B*35:93+B*56:15
B*35:04:01+B*55:46	B*35:34+B*55:02:01G	
B*35:04:01+B*56:18	B*35:68:01+B*56:12	
B*35:04:01+B*56:20	B*35:09:01+B*56:01:01G	
B*35:04:01+B*56:22	B*35:06+B*56:15	
B*35:04:01+B*57:22	B*35:11:01+B*57:03:01	
B*35:04:01+B*57:24	B*35:115+B*57:03:01	
B*35:04:01+B*57:25	B*35:15+B*57:03:01	
B*35:04:01+B*57:26	B*35:93+B*57:03:01	
B*35:04:01+B*57:31	B*35:09:01+B*57:01:01G	
B*35:04:02+B*40:33	B*35:34+B*40:01:06	
B*35:04:02+B*40:36	B*35:06+B*40:01:06	
B*35:04:02+B*40:44	B*40:120+B*78:04	
B*35:04:02+B*40:148	B*35:09:02+B*40:95	
B*35:04:02+B*51:24:01	B*35:09:01+B*51:01:01G	
B*35:04:02+B*52:14	B*35:06+B*52:01:01G	
B*35:04:03+B*35:17	B*35:12:02+B*35:30	
B*35:04:03+B*35:31	B*35:22+B*35:88	
B*35:04:03+B*35:32	B*35:12:01+B*35:68:01	B*35:12:02+B*35:68:02
B*35:04:03+B*40:01:01G	B*35:12:01+B*40:125	
B*35:04:03+B*40:01:04	B*35:12:02+B*40:125	
B*35:04:03+B*40:02:01G	B*35:22+B*40:04	
B*35:04:03+B*40:06:01G	B*35:12:02+B*40:70	
B*35:04:03+B*40:08	B*35:22+B*40:68	
B*35:04:03+B*40:33	B*35:39+B*40:125	
B*35:04:03+B*40:36	B*35:59+B*40:125	
B*35:04:03+B*40:64	B*35:12:02+B*40:04	
B*35:04:03+B*40:120	B*35:34+B*40:04	
B*35:04:03+B*41:01	B*35:12:02+B*41:07	
B*35:04:03+B*44:02:01G	B*35:12:01+B*44:48	
B*35:04:03+B*44:02:07	B*35:12:02+B*44:48	
B*35:04:03+B*44:106	B*35:22+B*44:48	
B*35:04:03+B*50:04	B*35:12:01+B*50:01:01	
B*35:04:03+B*55:17	B*35:12:02+B*55:28	
B*35:04:03+B*55:38	B*35:12:02+B*55:01:01G	
B*35:04:03+B*56:04	B*35:12:02+B*56:02	
B*35:04:03+B*56:27	B*35:12:02+B*56:01:01G	
B*35:04:03+B*58:08	B*58:28+B*78:02:02	
B*35:04:03+B*58:09	B*35:24:01+B*58:28	
B*35:04:03+B*58:12	B*35:124+B*58:28	
B*35:04:03+B*58:16	B*35:68:02+B*58:28	
B*35:04:03+B*58:18	B*35:05:01+B*58:28	
B*35:04:03+B*58:19	B*35:11:01+B*58:28	
B*35:04:03+B*58:22	B*35:08:01+B*58:28	
B*35:04:03+B*58:27	B*35:31+B*58:28	
B*35:05:01+B*35:14:01	B*35:58+B*35:62	
B*35:05:01+B*35:21	B*35:24:01+B*35:58	
B*35:05:01+B*35:28	B*35:10+B*35:72	
B*35:05:01+B*35:61	B*35:08:03+B*35:51	
B*35:05:01+B*37:01:01G	B*35:72+B*37:21	
B*35:05:01+B*37:13	B*35:58+B*37:01:01G	
B*35:05:01+B*38:01:01	B*35:68:02+B*38:19	B*39:05:01+B*53:14
B*35:05:01+B*38:14	B*39:01:01G+B*53:14	
B*35:05:01+B*38:19	B*39:37+B*53:14	
B*35:05:01+B*38:26	B*53:14+B*67:01:01	
B*35:05:01+B*39:01:01G	B*35:68:02+B*39:03	
B*35:05:01+B*39:05:01	B*35:68:02+B*39:37	
B*35:05:01+B*39:06:02	B*35:37+B*39:03	
B*35:05:01+B*39:35	B*35:58+B*39:01:01G	
B*35:05:01+B*39:39	B*35:72+B*39:58	
B*35:05:01+B*40:01:01G	B*35:68:02+B*40:80	B*35:72+B*40:07
B*35:05:01+B*40:01:04	B*35:68:01+B*40:80	
B*35:05:01+B*40:06:01G	B*35:37+B*40:02:01G	
B*35:05:01+B*40:06:02	B*35:37+B*40:02:07	
B*35:05:01+B*40:11:01	B*35:68:02+B*40:02:01G	
B*35:05:01+B*40:11:02	B*35:68:01+B*40:02:01G	B*35:68:02+B*40:02:09
B*35:05:01+B*40:14:03	B*35:114+B*40:121	
B*35:05:01+B*40:18	B*35:51+B*40:24	
B*35:05:01+B*40:19	B*35:72+B*40:13	B*40:02:01G+B*53:14
B*35:05:01+B*40:20	B*35:68:02+B*40:03	
B*35:05:01+B*40:25	B*35:72+B*40:106	
B*35:05:01+B*40:33	B*35:68:02+B*40:31	
B*35:05:01+B*40:44	B*35:37+B*40:18	
B*35:05:01+B*40:96	B*35:37+B*40:157	
B*35:05:01+B*40:114	B*35:68:02+B*40:45	
B*35:05:01+B*40:117	B*40:01:01G+B*53:14	
B*35:05:01+B*40:128	B*35:66+B*40:92	
B*35:05:01+B*40:148	B*35:58+B*40:06:01G	
B*35:05:01+B*41:03:02	B*35:68:02+B*41:02:01	
B*35:05:01+B*42:04	B*35:37+B*42:01:01	
B*35:05:01+B*44:18	B*45:01:01G+B*53:14	

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B*35:05:01+B*44:20	B*35:37+B*44:106			
B*35:05:01+B*44:28:01	B*35:08:01+B*44:54			
B*35:05:01+B*44:28:02	B*35:08:03+B*44:54			
B*35:05:01+B*44:41	B*35:68:02+B*44:106			
B*35:05:01+B*44:47	B*35:37+B*44:54			
B*35:05:01+B*44:50	B*44:46+B*53:14			
B*35:05:01+B*44:65	B*35:68:02+B*44:54			
B*35:05:01+B*44:76	B*35:58+B*44:28:02			
B*35:05:01+B*44:79	B*35:58+B*44:03:01G			
B*35:05:01+B*44:95	B*44:09+B*53:14			
B*35:05:01+B*44:110	B*35:30+B*44:54			
B*35:05:01+B*46:01:01G	B*35:58+B*46:09	B*35:68:02+B*46:12		
B*35:05:01+B*46:08	B*35:58+B*46:13:03			
B*35:05:01+B*48:03:01	B*35:68:02+B*48:01:01G			
B*35:05:01+B*48:03:02	B*35:68:01+B*48:01:01G			
B*35:05:01+B*48:10	B*35:114+B*48:12			
B*35:05:01+B*48:15	B*35:58+B*48:01:01G			
B*35:05:01+B*49:01:01	B*35:58+B*49:11	B*50:01:01+B*53:14		
B*35:05:01+B*51:01:01G	B*35:37+B*51:64	B*35:58+B*51:09:01	B*53:14+B*78:02:02	
B*35:05:01+B*51:01:02	B*35:58+B*51:09:02	B*53:14+B*78:02:01		
B*35:05:01+B*51:06	B*35:68:02+B*51:64			
B*35:05:01+B*51:07:01	B*35:72+B*51:01:01G			
B*35:05:01+B*51:07:02	B*35:72+B*51:01:02			
B*35:05:01+B*51:10	B*35:37+B*51:81			
B*35:05:01+B*51:16	B*35:58+B*51:31			
B*35:05:01+B*51:24:02	B*35:114+B*51:01:04			
B*35:05:01+B*51:24:03	B*35:114+B*51:01:01G			
B*35:05:01+B*52:01:01G	B*35:58+B*52:10	B*53:14+B*78:05		
B*35:05:01+B*52:01:02	B*35:72+B*52:06:02			
B*35:05:01+B*53:02	B*35:24:01+B*53:14			
B*35:05:01+B*53:08:01	B*35:11:01+B*53:14	B*35:58+B*53:01:01		
B*35:05:01+B*53:08:02	B*35:11:02+B*53:14	B*35:58+B*53:01:03		
B*35:05:01+B*53:09	B*35:72+B*53:13			
B*35:05:01+B*53:23	B*35:29+B*53:14			
B*35:05:01+B*53:24	B*35:08:01+B*53:14			
B*35:05:01+B*54:12	B*53:14+B*54:01:01G			
B*35:05:01+B*54:20	B*35:58+B*54:10			
B*35:05:01+B*55:01:01G	B*35:58+B*55:02:01G			
B*35:05:01+B*55:24	B*35:58+B*55:22			
B*35:05:01+B*56:21	B*53:14+B*56:05:02			
B*35:05:01+B*56:25	B*35:58+B*56:01:01G			
B*35:05:01+B*57:02:01	B*53:14+B*57:12			
B*35:05:01+B*57:22	B*35:58+B*57:01:01G			
B*35:05:01+B*58:06	B*35:58+B*58:02			
B*35:05:01+B*58:08	B*58:18+B*78:02:02			
B*35:05:01+B*58:09	B*35:24:01+B*58:18			
B*35:05:01+B*58:12	B*35:124+B*58:18			
B*35:05:01+B*58:16	B*35:68:02+B*58:18			
B*35:05:01+B*58:19	B*35:11:01+B*58:18	B*35:58+B*58:01:01G		
B*35:05:01+B*58:22	B*35:08:01+B*58:18			
B*35:05:01+B*58:27	B*35:31+B*58:18			
B*35:06+B*35:61	B*35:08:01+B*35:59			
B*35:06+B*39:43	B*35:24:01+B*39:30			
B*35:06+B*40:72:01	B*35:09:01+B*40:77			
B*35:06+B*40:72:02	B*35:09:02+B*40:77			
B*35:06+B*51:24:01	B*35:09:01+B*51:13:01			
B*35:06+B*51:24:02	B*35:09:02+B*51:13:01			
B*35:06+B*51:24:03	B*35:09:02+B*51:13:02			
B*35:06+B*59:02	B*35:09:01+B*59:03			
B*35:08:01+B*35:16	B*35:17+B*35:80			
B*35:08:01+B*35:28	B*35:20:01+B*35:80			
B*35:08:01+B*35:39	B*35:34+B*35:61			
B*35:08:01+B*35:43:01G	B*35:62+B*35:99			
B*35:08:01+B*35:68:02	B*35:08:03+B*35:68:01			
B*35:08:01+B*35:69	B*35:29+B*35:80			
B*35:08:01+B*35:113	B*35:17+B*35:105			
B*35:08:01+B*35:125	B*35:17+B*35:142			
B*35:08:01+B*37:01:06	B*35:08:02+B*37:01:01G			
B*35:08:01+B*37:04:02	B*35:08:04+B*37:04:01			
B*35:08:01+B*37:10	B*37:11+B*53:11			
B*35:08:01+B*38:01:01	B*39:05:01+B*53:24	B*39:11+B*53:01:01		
B*35:08:01+B*38:01:03	B*39:11+B*53:01:03			
B*35:08:01+B*38:02:01G	B*39:05:01+B*53:11	B*39:11+B*53:13		
B*35:08:01+B*38:04	B*35:80+B*38:02:03			
B*35:08:01+B*38:14	B*39:01:01G+B*53:24	B*39:11+B*53:23		
B*35:08:01+B*38:17	B*39:11+B*53:03			
B*35:08:01+B*38:19	B*39:37+B*53:24			
B*35:08:01+B*38:26	B*53:24+B*67:01:01			
B*35:08:01+B*39:01:01G	B*35:29+B*39:11			
B*35:08:01+B*39:02:01	B*35:29+B*39:08	B*35:80+B*39:39		
B*35:08:01+B*39:06:01	B*35:08:03+B*39:06:02			
B*35:08:01+B*39:06:02	B*35:35+B*39:33			
B*35:08:01+B*39:22	B*35:69+B*39:11	B*35:80+B*39:01:01G		
B*35:08:01+B*39:34	B*35:93+B*39:33			
B*35:08:01+B*39:62	B*35:105+B*39:06:02			
B*35:08:01+B*40:01:11	B*35:42:02+B*40:128			
B*35:08:01+B*40:02:01G	B*35:08:03+B*40:02:09			
B*35:08:01+B*40:07	B*35:80+B*40:106			
B*35:08:01+B*40:11:01	B*35:08:03+B*40:11:02			
B*35:08:01+B*40:19	B*40:02:01G+B*53:24	B*40:37+B*53:16		
B*35:08:01+B*40:43	B*35:29+B*40:128			
B*35:08:01+B*40:47	B*40:01:01G+B*53:11	B*40:128+B*53:13		
B*35:08:01+B*40:96	B*40:06:01G+B*53:11			
B*35:08:01+B*40:109	B*40:06:01G+B*53:16			
B*35:08:01+B*40:113	B*35:24:01+B*40:128			
B*35:08:01+B*40:117	B*40:01:01G+B*53:24	B*40:128+B*53:01:01		
B*35:08:01+B*40:124:02	B*35:08:03+B*40:124:01			
B*35:08:01+B*40:132	B*35:45+B*40:01:01G	B*35:71+B*40:128		
B*35:08:01+B*40:157	B*40:02:01G+B*53:11			
B*35:08:01+B*44:02:01G	B*35:08:03+B*44:02:07 B*44:09+B*53:11	B*35:45+B*44:91	B*35:80+B*44:12	B*35:115+B*44:28:02
B*35:08:01+B*44:02:07	B*35:115+B*44:28:01			
B*35:08:01+B*44:05:01	B*35:45+B*44:42			
B*35:08:01+B*44:18	B*45:01:01G+B*53:24			
B*35:08:01+B*44:21	B*35:45+B*44:16			

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B*35:08:01+B*44:25	B*44:75+B*53:16		
B*35:08:01+B*44:26	B*35:138+B*44:28:02		
B*35:08:01+B*44:28:02	B*35:08:03+B*44:28:01		
B*35:08:01+B*44:47	B*35:37+B*44:28:01		
B*35:08:01+B*44:50	B*44:46+B*53:24		
B*35:08:01+B*44:64:02	B*35:08:03+B*44:64:01		
B*35:08:01+B*44:65	B*35:68:01+B*44:28:02	B*35:68:02+B*44:28:01	
B*35:08:01+B*44:95	B*44:09+B*53:24		
B*35:08:01+B*44:98	B*35:105+B*44:03:01G		
B*35:08:01+B*44:103	B*35:50+B*44:28:02		
B*35:08:01+B*44:105	B*35:54+B*44:28:02		
B*35:08:01+B*44:110	B*35:30+B*44:28:01		
B*35:08:01+B*45:01:01G	B*35:45+B*45:04		
B*35:08:01+B*46:17	B*35:45+B*46:01:01G		
B*35:08:01+B*48:03:01	B*35:08:03+B*48:03:02		
B*35:08:01+B*48:18	B*48:01:01G+B*53:16		
B*35:08:01+B*49:01:01	B*50:01:01+B*53:24		
B*35:08:01+B*49:02	B*50:01:01+B*53:11		
B*35:08:01+B*50:02	B*35:45+B*50:01:01		
B*35:08:01+B*51:01:02	B*35:21+B*51:05	B*53:24+B*78:02:01	
B*35:08:01+B*51:02:02	B*35:11:01+B*51:05		
B*35:08:01+B*51:07:01	B*35:20:01+B*51:29		
B*35:08:01+B*51:09:02	B*35:24:01+B*51:05		
B*35:08:01+B*51:21	B*35:93+B*51:29		
B*35:08:01+B*51:22	B*35:82+B*51:29		
B*35:08:01+B*51:23	B*35:45+B*51:02:01		
B*35:08:01+B*51:24:03	B*35:18+B*51:37	B*35:64+B*51:29	
B*35:08:01+B*51:35	B*35:116+B*51:29		
B*35:08:01+B*51:76	B*35:101:02+B*51:29		
B*35:08:01+B*51:78	B*53:11+B*78:02:02		
B*35:08:01+B*51:101	B*35:35+B*51:29		
B*35:08:01+B*52:01:01G	B*35:80+B*51:07:02	B*53:16+B*78:06	B*53:24+B*78:05
B*35:08:01+B*52:01:02	B*35:28+B*51:29	B*35:80+B*51:07:01	
B*35:08:01+B*52:06:02	B*35:10+B*51:29	B*35:80+B*51:01:01G	
B*35:08:01+B*52:15	B*35:45+B*52:01:01G		
B*35:08:01+B*52:20	B*53:11+B*78:05		
B*35:08:01+B*53:02	B*35:24:01+B*53:24		
B*35:08:01+B*53:08:01	B*35:11:01+B*53:24		
B*35:08:01+B*53:08:02	B*35:11:02+B*53:24		
B*35:08:01+B*53:09	B*35:20:01+B*53:11		
B*35:08:01+B*53:23	B*35:29+B*53:24		
B*35:08:01+B*54:02	B*35:50+B*54:10		
B*35:08:01+B*54:12	B*53:01:01+B*54:10	B*53:24+B*54:01:01G	
B*35:08:01+B*54:21	B*35:124+B*54:10	B*35:142+B*54:01:01G	
B*35:08:01+B*55:01:01G	B*35:11:01+B*55:37		
B*35:08:01+B*55:12	B*35:27+B*55:37		
B*35:08:01+B*55:21	B*35:14:01+B*55:37		
B*35:08:01+B*55:26	B*35:143+B*55:37		
B*35:08:01+B*55:34	B*35:80+B*55:47		
B*35:08:01+B*55:40	B*35:80+B*55:01:01G		
B*35:08:01+B*55:42	B*35:116+B*55:37		
B*35:08:01+B*56:07	B*53:11+B*56:01:01G		
B*35:08:01+B*56:16	B*35:142+B*56:01:01G		
B*35:08:01+B*56:21	B*53:24+B*56:05:02		
B*35:08:01+B*57:02:01	B*53:24+B*57:12		
B*35:08:01+B*57:07	B*35:45+B*57:03:01	B*35:71+B*57:02:01	
B*35:08:01+B*57:22	B*35:11:01+B*57:19		
B*35:08:01+B*57:24	B*35:115+B*57:19		
B*35:08:01+B*57:25	B*35:15+B*57:19		
B*35:08:01+B*57:26	B*35:93+B*57:19		
B*35:08:01+B*58:07	B*35:45+B*58:02		
B*35:08:01+B*58:08	B*58:22+B*78:02:02		
B*35:08:01+B*58:09	B*35:24:01+B*58:22		
B*35:08:01+B*58:12	B*35:124+B*58:22	B*35:142+B*58:01:01G	
B*35:08:01+B*58:16	B*35:68:02+B*58:22		
B*35:08:01+B*58:19	B*35:11:01+B*58:22		
B*35:08:01+B*58:27	B*35:31+B*58:22		
B*35:08:03+B*39:37	B*35:30+B*39:11		
B*35:08:03+B*39:62	B*35:105+B*39:06:01		
B*35:08:03+B*40:18	B*35:61+B*40:24		
B*35:08:03+B*40:80	B*35:30+B*40:128		
B*35:08:03+B*40:100	B*35:23+B*40:128		
B*35:08:03+B*44:47	B*35:37+B*44:28:02		
B*35:08:03+B*44:65	B*35:68:02+B*44:28:02		
B*35:08:03+B*44:110	B*35:30+B*44:28:02		
B*35:08:03+B*52:06:02	B*35:80+B*51:01:16		
B*35:09:01+B*40:14:03	B*35:09:02+B*40:14:01		
B*35:09:01+B*40:72:02	B*35:09:02+B*40:72:01		
B*35:09:01+B*51:24:02	B*35:09:02+B*51:24:01		
B*35:09:02+B*35:43:01G	B*35:44+B*35:64		
B*35:09:02+B*35:45	B*35:18+B*35:71		
B*35:09:02+B*35:51	B*35:12:02+B*35:114	B*35:22+B*35:64	
B*35:09:02+B*35:80	B*35:10+B*35:18		
B*35:09:02+B*35:142	B*35:18+B*35:124		
B*35:09:02+B*39:11	B*35:18+B*39:05:01		
B*35:09:02+B*40:03	B*35:64+B*40:02:01G	B*35:114+B*40:64	
B*35:09:02+B*40:20	B*35:64+B*40:11:01		
B*35:09:02+B*40:52	B*35:64+B*40:01:01G		
B*35:09:02+B*40:128	B*35:18+B*40:01:01G		
B*35:09:02+B*42:09	B*35:64+B*42:02		
B*35:09:02+B*44:28:01	B*35:18+B*44:03:02		
B*35:09:02+B*44:28:02	B*35:18+B*44:03:01G		
B*35:09:02+B*44:43:01	B*35:64+B*44:77		
B*35:09:02+B*44:76	B*35:18+B*44:79		
B*35:09:02+B*48:23	B*35:64+B*48:03:01		
B*35:09:02+B*51:29	B*35:18+B*51:01:01G		
B*35:09:02+B*51:82	B*35:18+B*51:16		
B*35:09:02+B*51:90	B*35:34+B*51:24:03		
B*35:09:02+B*53:11	B*35:18+B*53:13		
B*35:09:02+B*53:16	B*35:18+B*53:05		
B*35:09:02+B*53:24	B*35:18+B*53:01:01		
B*35:09:02+B*54:10	B*35:18+B*54:01:01G		
B*35:09:02+B*54:14	B*35:64+B*54:04		
B*35:09:02+B*55:09	B*35:18+B*55:24		
B*35:09:02+B*55:37	B*35:18+B*55:02:01G		

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B*35:09:02+B*57:01:01G	B*35:64+B*57:03:01	
B*35:09:02+B*57:02:01	B*35:18+B*57:03:01	
B*35:09:02+B*57:19	B*35:18+B*57:01:01G	B*35:64+B*57:02:01
B*35:09:02+B*58:22	B*35:18+B*58:01:01G	
B*35:10+B*35:33	B*35:13+B*35:15	
B*35:10+B*35:38	B*35:13+B*35:115	
B*35:10+B*35:45	B*35:71+B*35:80	
B*35:10+B*35:56	B*35:13+B*35:27	
B*35:10+B*35:85	B*35:13+B*35:82	
B*35:10+B*35:109	B*35:13+B*35:24:01	
B*35:10+B*35:125	B*35:16+B*35:124	
B*35:10+B*35:142	B*35:80+B*35:124	
B*35:10+B*35:150	B*35:13+B*35:90	
B*35:10+B*35:151	B*35:13+B*35:68:02	
B*35:10+B*37:01:01G	B*35:28+B*37:21	
B*35:10+B*38:14	B*35:69+B*38:01:01	B*39:22+B*53:01:01
B*35:10+B*39:02:02	B*35:69+B*39:13:01	
B*35:10+B*39:03	B*35:69+B*39:37	
B*35:10+B*39:11	B*35:80+B*39:05:01	
B*35:10+B*39:15	B*35:69+B*39:55	
B*35:10+B*39:18	B*35:14:02+B*39:22	
B*35:10+B*39:35	B*35:11:01+B*39:22	
B*35:10+B*39:48	B*35:24:01+B*39:22	
B*35:10+B*39:55	B*35:13+B*39:07	
B*35:10+B*40:01:01G	B*35:28+B*40:07	
B*35:10+B*40:19	B*35:28+B*40:13	
B*35:10+B*40:36	B*35:13+B*40:38	
B*35:10+B*40:43	B*35:69+B*40:01:01G	
B*35:10+B*40:50	B*35:69+B*40:02:01G	
B*35:10+B*40:80	B*35:16+B*40:125	
B*35:10+B*40:128	B*35:80+B*40:01:01G	
B*35:10+B*44:28:01	B*35:80+B*44:03:02	
B*35:10+B*44:28:02	B*35:80+B*44:03:01G	
B*35:10+B*44:76	B*35:80+B*44:79	
B*35:10+B*51:13:02	B*35:13+B*51:63	
B*35:10+B*51:16	B*35:15+B*52:06:02	
B*35:10+B*51:20	B*35:69+B*51:08	
B*35:10+B*51:21	B*35:93+B*52:06:02	
B*35:10+B*51:22	B*35:82+B*52:06:02	
B*35:10+B*51:24:03	B*35:64+B*52:06:02	
B*35:10+B*51:35	B*35:116+B*52:06:02	
B*35:10+B*51:76	B*35:101:02+B*52:06:02	
B*35:10+B*51:82	B*35:80+B*51:16	
B*35:10+B*51:101	B*35:35+B*52:06:02	
B*35:10+B*52:01:02	B*35:28+B*52:06:02	
B*35:10+B*53:04	B*35:13+B*53:01:01	
B*35:10+B*53:09	B*35:28+B*53:13	
B*35:10+B*53:11	B*35:80+B*53:13	
B*35:10+B*53:16	B*35:80+B*53:05	
B*35:10+B*53:23	B*35:69+B*53:01:01	
B*35:10+B*53:24	B*35:80+B*53:01:01	
B*35:10+B*54:10	B*35:80+B*54:01:01G	
B*35:10+B*55:09	B*35:80+B*55:24	
B*35:10+B*55:13	B*35:13+B*55:32	
B*35:10+B*55:21	B*35:62+B*55:40	
B*35:10+B*55:37	B*35:80+B*55:02:01G	
B*35:10+B*56:11	B*35:13+B*56:09	
B*35:10+B*57:02:01	B*35:80+B*57:03:01	
B*35:10+B*57:19	B*35:80+B*57:01:01G	
B*35:10+B*58:22	B*35:80+B*58:01:01G	
B*35:10+B*78:01	B*35:69+B*78:02:02	
B*35:11:01+B*35:14:02	B*35:11:02+B*35:14:01	
B*35:11:01+B*35:22	B*35:12:02+B*35:58	
B*35:11:01+B*35:72	B*35:20:01+B*35:58	
B*35:11:01+B*35:114	B*35:58+B*35:64	
B*35:11:01+B*37:04:01	B*35:21+B*37:01:01G	B*35:24:01+B*37:13
B*35:11:01+B*38:01:01	B*39:05:01+B*53:08:01	
B*35:11:01+B*38:01:03	B*35:11:02+B*38:01:01	B*39:05:01+B*53:08:02
B*35:11:01+B*38:14	B*39:01:01G+B*53:08:01	B*39:35+B*53:01:01
B*35:11:01+B*38:19	B*39:37+B*53:08:01	
B*35:11:01+B*38:26	B*53:08:01+B*67:01:01	
B*35:11:01+B*39:01:05	B*35:11:02+B*39:01:01G	
B*35:11:01+B*39:18	B*35:14:02+B*39:35	
B*35:11:01+B*39:48	B*35:21+B*39:01:01G	B*35:24:01+B*39:35
B*35:11:01+B*40:02:01G	B*35:15+B*40:05	B*35:58+B*40:64
B*35:11:01+B*40:14:02	B*35:11:02+B*40:14:01	
B*35:11:01+B*40:19	B*40:02:01G+B*53:08:01	
B*35:11:01+B*40:24	B*35:58+B*40:120	
B*35:11:01+B*40:39	B*35:93+B*40:05	
B*35:11:01+B*40:96	B*40:148+B*53:13	
B*35:11:01+B*40:109	B*40:148+B*53:05	
B*35:11:01+B*40:113	B*35:21+B*40:01:01G	
B*35:11:01+B*40:117	B*40:01:01G+B*53:08:01	
B*35:11:01+B*42:01:01	B*35:58+B*42:13	
B*35:11:01+B*44:02:01G	B*35:115+B*44:79	
B*35:11:01+B*44:02:09	B*35:11:02+B*44:02:01G	
B*35:11:01+B*44:04	B*35:93+B*44:76	
B*35:11:01+B*44:18	B*45:01:01G+B*53:08:01	B*50:01:01+B*53:22
B*35:11:01+B*44:26	B*35:138+B*44:79	
B*35:11:01+B*44:50	B*44:46+B*53:08:01	
B*35:11:01+B*44:54	B*35:58+B*44:03:02	
B*35:11:01+B*44:65	B*35:68:01+B*44:79	
B*35:11:01+B*44:95	B*44:09+B*53:08:01	
B*35:11:01+B*44:103	B*35:50+B*44:79	
B*35:11:01+B*44:105	B*35:54+B*44:79	
B*35:11:01+B*44:106	B*35:58+B*44:02:07	
B*35:11:01+B*45:01:01G	B*35:115+B*50:02	
B*35:11:01+B*45:04	B*35:115+B*50:01:01	
B*35:11:01+B*46:01:01G	B*35:11:02+B*46:01:03	B*35:14:01+B*46:08
B*35:11:01+B*46:21:01	B*35:11:02+B*46:21:02	B*35:93+B*46:08
B*35:11:01+B*48:18	B*48:15+B*53:05	
B*35:11:01+B*48:19	B*35:14:01+B*48:01:01G	B*35:62+B*48:15
B*35:11:01+B*49:01:01	B*50:01:01+B*53:08:01	
B*35:11:01+B*49:09	B*35:21+B*49:01:01	
B*35:11:01+B*51:01:01G	B*35:21+B*51:02:01	B*53:08:01+B*78:02:02

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B*35:11:01+B*51:01:02	B*35:21+B*51:02:02	B*53:08:01+B*78:02:01	
B*35:11:01+B*51:01:04	B*35:21+B*51:02:04		
B*35:11:01+B*51:06	B*35:21+B*51:59		
B*35:11:01+B*51:08	B*35:115+B*51:01:01G		
B*35:11:01+B*51:16	B*35:21+B*51:34		
B*35:11:01+B*51:24:03	B*35:11:02+B*51:24:04		
B*35:11:01+B*51:61	B*35:14:02+B*51:01:01G		
B*35:11:01+B*51:64	B*35:58+B*51:04		
B*35:11:01+B*51:73	B*35:143+B*51:01:01G		
B*35:11:01+B*51:97	B*35:115+B*51:63		
B*35:11:01+B*52:01:01G	B*35:21+B*52:11	B*53:08:01+B*78:05	
B*35:11:01+B*52:03	B*35:28+B*51:02:01	B*35:42:02+B*52:11	
B*35:11:01+B*52:19	B*35:115+B*52:01:01G		
B*35:11:01+B*52:21	B*35:14:01+B*52:01:02		
B*35:11:01+B*53:02	B*35:21+B*53:01:01	B*35:24:01+B*53:08:01	
B*35:11:01+B*53:08:02	B*35:11:02+B*53:08:01		
B*35:11:01+B*53:23	B*35:29+B*53:08:01		
B*35:11:01+B*54:12	B*53:08:01+B*54:01:01G		
B*35:11:01+B*55:12	B*35:27+B*55:01:01G		
B*35:11:01+B*55:21	B*35:14:01+B*55:01:01G		
B*35:11:01+B*55:26	B*35:143+B*55:01:01G		
B*35:11:01+B*55:42	B*35:116+B*55:01:01G		
B*35:11:01+B*56:01:03	B*35:11:02+B*56:01:01G		
B*35:11:01+B*56:07	B*53:13+B*56:25		
B*35:11:01+B*56:13	B*35:115+B*56:25		
B*35:11:01+B*56:16	B*35:124+B*56:25		
B*35:11:01+B*56:21	B*53:08:01+B*56:05:02		
B*35:11:01+B*56:29	B*35:122+B*56:25		
B*35:11:01+B*57:02:01	B*53:08:01+B*57:12		
B*35:11:01+B*57:24	B*35:115+B*57:22		
B*35:11:01+B*57:25	B*35:15+B*57:22		
B*35:11:01+B*57:26	B*35:93+B*57:22		
B*35:11:01+B*58:01:05	B*35:11:02+B*58:01:01G		
B*35:11:01+B*58:07	B*35:71+B*58:06		
B*35:11:01+B*58:08	B*58:19+B*78:02:02		
B*35:11:01+B*58:09	B*35:21+B*58:01:01G	B*35:24:01+B*58:19	
B*35:11:01+B*58:12	B*35:124+B*58:19		
B*35:11:01+B*58:16	B*35:68:02+B*58:19		
B*35:11:01+B*58:27	B*35:31+B*58:19		
B*35:11:02+B*38:14	B*39:01:01G+B*53:08:02	B*39:01:05+B*53:08:01	B*39:35+B*53:01:03
B*35:11:02+B*38:19	B*39:37+B*53:08:02		
B*35:11:02+B*38:26	B*53:08:02+B*67:01:01		
B*35:11:02+B*39:48	B*35:21+B*39:01:05		
B*35:11:02+B*40:19	B*40:02:01G+B*53:08:02		
B*35:11:02+B*40:117	B*40:01:01G+B*53:08:02		
B*35:11:02+B*40:121	B*35:34+B*40:158		
B*35:11:02+B*44:18	B*45:01:01G+B*53:08:02		
B*35:11:02+B*44:50	B*44:46+B*53:08:02		
B*35:11:02+B*44:95	B*44:09+B*53:08:02		
B*35:11:02+B*46:01:01G	B*35:14:02+B*46:08		
B*35:11:02+B*46:09	B*35:14:02+B*46:13:03		
B*35:11:02+B*48:19	B*35:14:02+B*48:01:01G		
B*35:11:02+B*49:01:01	B*50:01:01+B*53:08:02		
B*35:11:02+B*49:11	B*50:01:01+B*53:01:03		
B*35:11:02+B*51:01:01G	B*53:08:02+B*78:02:02		
B*35:11:02+B*51:01:02	B*53:08:02+B*78:02:01		
B*35:11:02+B*51:09:01	B*35:21+B*51:40	B*53:01:03+B*78:02:02	
B*35:11:02+B*51:09:02	B*53:01:03+B*78:02:01		
B*35:11:02+B*52:01:01G	B*53:08:02+B*78:05		
B*35:11:02+B*52:10	B*53:01:03+B*78:05		
B*35:11:02+B*52:21	B*35:14:02+B*52:01:02		
B*35:11:02+B*53:02	B*35:21+B*53:01:03	B*35:24:01+B*53:08:02	
B*35:11:02+B*53:23	B*35:29+B*53:08:02		
B*35:11:02+B*54:12	B*53:08:02+B*54:01:01G		
B*35:11:02+B*55:21	B*35:14:02+B*55:01:01G		
B*35:11:02+B*56:21	B*53:08:02+B*56:05:02		
B*35:11:02+B*57:02:01	B*53:08:02+B*57:12		
B*35:11:02+B*57:14	B*35:21+B*57:01:01G	B*35:24:01+B*57:22	
B*35:11:02+B*58:09	B*35:21+B*58:01:05		
B*35:11:02+B*58:18	B*35:58+B*58:01:05		
B*35:12:01+B*38:19	B*35:22+B*38:20		
B*35:12:01+B*39:03	B*35:22+B*39:42	B*35:59+B*39:14	
B*35:12:01+B*39:06:02	B*35:12:02+B*39:06:01		
B*35:12:01+B*39:15	B*35:39+B*39:01:01G		
B*35:12:01+B*39:18	B*35:44+B*39:42		
B*35:12:01+B*39:29	B*35:39+B*39:14		
B*35:12:01+B*39:49	B*35:39+B*39:13:01		
B*35:12:01+B*39:55	B*35:39+B*39:05:01		
B*35:12:01+B*40:01:04	B*35:12:02+B*40:01:01G		
B*35:12:01+B*40:02:09	B*35:12:02+B*40:02:01G	B*35:22+B*40:64	
B*35:12:01+B*40:03	B*35:39+B*40:105		
B*35:12:01+B*40:09	B*35:39+B*40:89		
B*35:12:01+B*40:11:02	B*35:12:02+B*40:11:01		
B*35:12:01+B*40:18	B*35:39+B*40:02:01G		
B*35:12:01+B*40:31	B*35:39+B*40:80		
B*35:12:01+B*40:32	B*35:39+B*40:16		
B*35:12:01+B*40:33	B*35:39+B*40:01:01G		
B*35:12:01+B*40:36	B*35:59+B*40:01:01G		
B*35:12:01+B*40:44	B*35:39+B*40:06:01G		
B*35:12:01+B*40:52	B*35:39+B*40:38		
B*35:12:01+B*40:86	B*35:59+B*40:06:01G		
B*35:12:01+B*40:124:01	B*35:12:02+B*40:124:02		
B*35:12:01+B*42:06	B*35:59+B*42:01:01		
B*35:12:01+B*44:02:07	B*35:12:02+B*44:02:01G		
B*35:12:01+B*44:03:02	B*35:12:02+B*44:03:01G		
B*35:12:01+B*44:28:01	B*35:12:02+B*44:28:02		
B*35:12:01+B*44:51	B*35:39+B*44:14		
B*35:12:01+B*44:54	B*35:22+B*44:03:01G		
B*35:12:01+B*44:64:01	B*35:12:02+B*44:64:02		
B*35:12:01+B*44:106	B*35:22+B*44:02:01G		
B*35:12:01+B*44:107	B*35:39+B*44:77		
B*35:12:01+B*48:03:02	B*35:12:02+B*48:03:01		
B*35:12:01+B*48:07	B*35:59+B*48:01:01G		
B*35:12:01+B*51:01:01G	B*35:12:02+B*51:01:16		
B*35:12:01+B*51:13:01	B*35:59+B*51:01:04		

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B*35:12:01+B*51:13:02	B*35:59+B*51:01:01G	
B*35:12:01+B*51:37	B*35:39+B*51:63	
B*35:12:01+B*51:90	B*35:39+B*51:01:01G	
B*35:12:01+B*51:92	B*35:39+B*51:13:01	
B*35:12:01+B*52:12	B*35:39+B*52:01:01G	
B*35:12:01+B*52:14	B*35:59+B*52:01:05	
B*35:12:01+B*54:16	B*35:39+B*54:01:01G	
B*35:12:01+B*55:02:01G	B*35:12:02+B*55:02:04	
B*35:12:01+B*55:23	B*35:39+B*55:32	
B*35:12:01+B*55:46	B*35:39+B*55:02:01G	
B*35:12:01+B*56:22	B*35:59+B*56:15	
B*35:12:01+B*57:19	B*35:61+B*57:03:01	
B*35:12:02+B*35:72	B*35:20:01+B*35:22	
B*35:12:02+B*40:03	B*35:51+B*40:64	
B*35:12:02+B*40:18	B*35:39+B*40:02:09	
B*35:12:02+B*40:33	B*35:39+B*40:01:04	
B*35:12:02+B*40:36	B*35:59+B*40:01:04	
B*35:12:02+B*40:120	B*35:34+B*40:64	
B*35:12:02+B*41:04	B*35:34+B*41:02:01	
B*35:12:02+B*42:01:01	B*35:22+B*42:13	
B*35:12:02+B*44:54	B*35:22+B*44:03:02	
B*35:12:02+B*44:106	B*35:22+B*44:02:07	
B*35:12:02+B*51:64	B*35:22+B*51:04	
B*35:12:02+B*53:14	B*35:22+B*53:01:01	
B*35:12:02+B*58:16	B*35:32+B*58:28	
B*35:12:02+B*58:18	B*35:22+B*58:01:01G	
B*35:13+B*38:14	B*39:22+B*53:04	
B*35:13+B*39:27	B*35:74+B*39:22	
B*35:13+B*39:48	B*35:109+B*39:22	
B*35:13+B*51:16	B*35:33+B*52:06:02	
B*35:13+B*51:22	B*35:85+B*52:06:02	
B*35:13+B*53:23	B*35:69+B*53:04	
B*35:13+B*53:24	B*35:80+B*53:04	
B*35:13+B*55:03	B*35:74+B*55:40	
B*35:14:01+B*35:24:01	B*35:21+B*35:62	
B*35:14:01+B*37:01:01G	B*35:62+B*37:13	
B*35:14:01+B*38:01:03	B*35:14:02+B*38:01:01	
B*35:14:01+B*39:01:01G	B*35:62+B*39:35	
B*35:14:01+B*40:06:01G	B*35:62+B*40:148	
B*35:14:01+B*40:14:02	B*35:14:02+B*40:14:01	
B*35:14:01+B*44:02:09	B*35:14:02+B*44:02:01G	
B*35:14:01+B*44:03:01G	B*35:62+B*44:79	
B*35:14:01+B*44:28:02	B*35:62+B*44:76	
B*35:14:01+B*46:01:01G	B*35:14:02+B*46:01:03	
B*35:14:01+B*46:09	B*35:62+B*46:01:01G	
B*35:14:01+B*46:21:01	B*35:14:02+B*46:21:02	B*35:93+B*46:01:01G
B*35:14:01+B*46:21:02	B*35:93+B*46:01:03	
B*35:14:01+B*49:11	B*35:62+B*49:01:01	
B*35:14:01+B*51:09:01	B*35:62+B*51:01:01G	
B*35:14:01+B*51:09:02	B*35:62+B*51:01:02	
B*35:14:01+B*51:24:03	B*35:14:02+B*51:24:04	
B*35:14:01+B*51:31	B*35:62+B*51:16	
B*35:14:01+B*52:10	B*35:62+B*52:01:01G	
B*35:14:01+B*53:01:01	B*35:62+B*53:08:01	
B*35:14:01+B*53:01:03	B*35:14:02+B*53:01:01	B*35:62+B*53:08:02
B*35:14:01+B*53:08:02	B*35:14:02+B*53:08:01	
B*35:14:01+B*54:10	B*35:62+B*54:20	
B*35:14:01+B*55:12	B*35:27+B*55:21	
B*35:14:01+B*55:22	B*35:62+B*55:24	
B*35:14:01+B*55:26	B*35:143+B*55:21	
B*35:14:01+B*55:42	B*35:116+B*55:21	
B*35:14:01+B*56:01:01G	B*35:62+B*56:25	
B*35:14:01+B*56:01:03	B*35:14:02+B*56:01:01G	
B*35:14:01+B*57:01:01G	B*35:62+B*57:22	
B*35:14:01+B*58:01:01G	B*35:62+B*58:19	
B*35:14:01+B*58:01:05	B*35:14:02+B*58:01:01G	
B*35:14:01+B*58:02	B*35:62+B*58:06	
B*35:14:02+B*38:14	B*39:18+B*53:01:01	
B*35:14:02+B*39:48	B*35:24:01+B*39:18	
B*35:14:02+B*40:01:01G	B*35:44+B*40:59	
B*35:14:02+B*40:52	B*35:43:01G+B*40:59	
B*35:14:02+B*51:08	B*35:115+B*51:61	
B*35:14:02+B*51:31	B*35:15+B*51:61	
B*35:14:02+B*51:45	B*35:43:01G+B*53:06	
B*35:14:02+B*51:73	B*35:143+B*51:61	
B*35:14:02+B*54:09	B*35:93+B*54:06	
B*35:15+B*35:38	B*35:33+B*35:115	
B*35:15+B*35:43:02	B*35:42:02+B*35:86	
B*35:15+B*35:56	B*35:27+B*35:33	
B*35:15+B*35:85	B*35:33+B*35:82	
B*35:15+B*35:109	B*35:24:01+B*35:33	
B*35:15+B*35:135	B*35:82+B*35:86	
B*35:15+B*35:136	B*35:29+B*35:33	
B*35:15+B*35:150	B*35:33+B*35:90	
B*35:15+B*35:151	B*35:33+B*35:68:02	
B*35:15+B*39:01:01G	B*35:93+B*39:47	
B*35:15+B*39:06:02	B*35:93+B*39:50	
B*35:15+B*39:32	B*35:24:01+B*39:47	
B*35:15+B*39:55	B*35:33+B*39:07	
B*35:15+B*40:36	B*35:33+B*40:38	
B*35:15+B*40:39	B*35:93+B*40:02:01G	
B*35:15+B*44:02:10	B*35:42:02+B*44:21	
B*35:15+B*44:03:01G	B*35:71+B*44:64:02	
B*35:15+B*44:03:02	B*35:71+B*44:64:01	
B*35:15+B*44:22	B*35:54+B*44:21	
B*35:15+B*44:28:01	B*35:45+B*44:64:01	
B*35:15+B*44:28:02	B*35:45+B*44:64:02	
B*35:15+B*44:41	B*35:68:01+B*44:21	
B*35:15+B*45:01:01G	B*35:71+B*45:10	
B*35:15+B*45:08	B*35:93+B*45:10	
B*35:15+B*49:08	B*35:104+B*49:07	
B*35:15+B*49:09	B*35:24:01+B*49:07	
B*35:15+B*49:12	B*35:91+B*49:07	
B*35:15+B*51:07:01	B*35:20:01+B*51:16	
B*35:15+B*51:08	B*35:115+B*51:31	

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B*35:15+B*51:13:02	B*35:33+B*51:63	
B*35:15+B*51:21	B*35:93+B*51:16	
B*35:15+B*51:22	B*35:82+B*51:16	
B*35:15+B*51:23	B*35:71+B*51:34	
B*35:15+B*51:24:02	B*35:21+B*51:10	
B*35:15+B*51:24:03	B*35:64+B*51:16	
B*35:15+B*51:35	B*35:116+B*51:16	
B*35:15+B*51:73	B*35:143+B*51:31	
B*35:15+B*51:76	B*35:101:02+B*51:16	
B*35:15+B*51:101	B*35:35+B*51:16	
B*35:15+B*52:01:02	B*35:28+B*51:16	B*35:42:02+B*52:08
B*35:15+B*52:15	B*35:71+B*52:08	
B*35:15+B*53:04	B*35:33+B*53:01:01	
B*35:15+B*55:01:01G	B*35:93+B*55:24	
B*35:15+B*55:02:01G	B*35:93+B*55:22	
B*35:15+B*55:13	B*35:33+B*55:32	
B*35:15+B*56:07	B*53:13+B*55:22	
B*35:15+B*56:11	B*35:33+B*56:09	
B*35:15+B*56:13	B*35:115+B*55:22	
B*35:15+B*56:16	B*35:124+B*55:22	
B*35:15+B*56:29	B*35:122+B*55:22	
B*35:15+B*57:24	B*35:115+B*57:25	
B*35:15+B*57:26	B*35:93+B*57:25	
B*35:16+B*35:20:01	B*35:17+B*35:28	
B*35:16+B*35:29	B*35:17+B*35:69	
B*35:16+B*35:105	B*35:80+B*35:113	
B*35:16+B*35:142	B*35:80+B*35:125	
B*35:16+B*38:02:03	B*35:17+B*38:04	
B*35:16+B*39:01:01G	B*35:17+B*39:22	
B*35:16+B*39:39	B*35:17+B*39:02:01	
B*35:16+B*40:25	B*35:17+B*40:01:01G	
B*35:16+B*40:106	B*35:17+B*40:07	
B*35:16+B*44:12	B*35:17+B*44:02:01G	
B*35:16+B*51:01:01G	B*35:17+B*52:06:02	
B*35:16+B*51:07:01	B*35:17+B*52:01:02	
B*35:16+B*51:07:02	B*35:17+B*52:01:01G	
B*35:16+B*55:01:01G	B*35:17+B*55:40	
B*35:16+B*55:47	B*35:17+B*55:34	
B*35:17+B*35:68:02	B*35:30+B*35:32	
B*35:17+B*39:62	B*35:113+B*39:06:02	
B*35:17+B*40:04	B*35:30+B*40:64	
B*35:17+B*40:70	B*35:30+B*40:06:01G	
B*35:17+B*41:07	B*35:30+B*41:01	
B*35:17+B*44:48	B*35:30+B*44:02:07	B*35:115+B*44:110
B*35:17+B*44:65	B*35:32+B*44:110	
B*35:17+B*44:98	B*35:113+B*44:03:01G	
B*35:17+B*54:21	B*35:125+B*54:01:01G	
B*35:17+B*55:01:01G	B*35:30+B*55:38	
B*35:17+B*55:28	B*35:30+B*55:17	
B*35:17+B*56:01:01G	B*35:30+B*56:27	
B*35:17+B*56:02	B*35:30+B*56:04	
B*35:17+B*56:16	B*35:125+B*56:01:01G	
B*35:17+B*58:12	B*35:125+B*58:01:01G	
B*35:18+B*40:52	B*35:64+B*40:128	
B*35:19+B*38:12	B*35:47+B*38:01:01	
B*35:19+B*44:03:02	B*35:47+B*44:07	
B*35:19+B*44:40	B*35:49+B*44:03:01G	
B*35:19+B*44:44	B*35:49+B*44:02:01G	
B*35:19+B*50:01:01	B*35:47+B*50:07	
B*35:19+B*51:74	B*35:47+B*51:01:01G	
B*35:20:01+B*35:69	B*35:28+B*35:29	
B*35:20:01+B*35:81	B*35:24:01+B*35:95	
B*35:20:01+B*35:114	B*35:64+B*35:72	
B*35:20:01+B*37:10	B*37:11+B*53:09	
B*35:20:01+B*38:02:01G	B*39:05:01+B*53:09	
B*35:20:01+B*38:04	B*35:28+B*38:02:03	
B*35:20:01+B*39:01:01G	B*35:82+B*39:39	
B*35:20:01+B*39:02:01	B*35:28+B*39:39	
B*35:20:01+B*39:22	B*35:28+B*39:01:01G	B*35:82+B*39:02:01
B*35:20:01+B*40:01:01G	B*35:28+B*40:25	
B*35:20:01+B*40:02:01G	B*35:72+B*40:64	
B*35:20:01+B*40:24	B*35:72+B*40:120	
B*35:20:01+B*40:47	B*40:01:01G+B*53:09	
B*35:20:01+B*40:75	B*35:82+B*40:06:01G	
B*35:20:01+B*40:96	B*40:06:01G+B*53:09	
B*35:20:01+B*40:157	B*40:02:01G+B*53:09	
B*35:20:01+B*42:01:01	B*35:72+B*42:13	
B*35:20:01+B*44:02:01G	B*35:28+B*44:12	B*44:09+B*53:09
B*35:20:01+B*44:03:01G	B*44:46+B*53:09	
B*35:20:01+B*44:54	B*35:72+B*44:03:02	
B*35:20:01+B*44:90	B*35:76+B*44:09	
B*35:20:01+B*44:106	B*35:72+B*44:02:07	
B*35:20:01+B*45:06	B*35:76+B*45:01:01G	
B*35:20:01+B*49:02	B*50:01:01+B*53:09	
B*35:20:01+B*51:21	B*35:93+B*51:07:01	
B*35:20:01+B*51:22	B*35:82+B*51:07:01	
B*35:20:01+B*51:24:03	B*35:64+B*51:07:01	
B*35:20:01+B*51:35	B*35:116+B*51:07:01	
B*35:20:01+B*51:64	B*35:72+B*51:04	
B*35:20:01+B*51:76	B*35:101:02+B*51:07:01	
B*35:20:01+B*51:78	B*53:09+B*78:02:02	
B*35:20:01+B*51:101	B*35:35+B*51:07:01	
B*35:20:01+B*52:01:01G	B*35:28+B*51:07:02	
B*35:20:01+B*52:01:02	B*35:28+B*51:07:01	
B*35:20:01+B*52:20	B*53:09+B*78:05	
B*35:20:01+B*53:14	B*35:72+B*53:01:01	
B*35:20:01+B*53:19	B*35:95+B*53:01:01	
B*35:20:01+B*55:34	B*35:28+B*55:47	
B*35:20:01+B*55:40	B*35:28+B*55:01:01G	
B*35:20:01+B*56:07	B*53:09+B*56:01:01G	
B*35:20:01+B*56:21	B*51:07:02+B*56:09	
B*35:20:01+B*58:18	B*35:72+B*58:01:01G	
B*35:21+B*38:14	B*39:35+B*53:02	B*39:48+B*53:08:01
B*35:21+B*40:06:01G	B*35:24:01+B*40:148	
B*35:21+B*40:117	B*40:113+B*53:08:01	

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B*35:21+B*44:03:01G	B*35:24:01+B*44:79	
B*35:21+B*44:28:02	B*35:24:01+B*44:76	
B*35:21+B*46:09	B*35:24:01+B*46:01:01G	
B*35:21+B*46:13:03	B*35:24:01+B*46:08	
B*35:21+B*48:01:01G	B*35:24:01+B*48:15	
B*35:21+B*51:01:01G	B*53:06+B*78:02:01	
B*35:21+B*51:09:01	B*35:24:01+B*51:01:01G	B*53:02+B*78:02:02
B*35:21+B*51:09:02	B*35:24:01+B*51:01:02	B*53:02+B*78:02:01
B*35:21+B*51:31	B*35:24:01+B*51:16	
B*35:21+B*51:54	B*53:11+B*78:02:01	
B*35:21+B*51:81	B*35:31+B*53:06	
B*35:21+B*52:01:02	B*53:06+B*78:05	
B*35:21+B*52:10	B*35:24:01+B*52:01:01G	B*53:02+B*78:05
B*35:21+B*53:04	B*35:109+B*53:08:01	
B*35:21+B*53:14	B*35:58+B*53:02	
B*35:21+B*53:19	B*35:81+B*53:08:01	
B*35:21+B*54:10	B*35:24:01+B*54:20	
B*35:21+B*55:02:01G	B*35:24:01+B*55:01:01G	
B*35:21+B*55:22	B*35:24:01+B*55:24	
B*35:21+B*56:01:01G	B*35:24:01+B*56:25	
B*35:21+B*58:02	B*35:24:01+B*58:06	
B*35:21+B*58:18	B*35:58+B*58:09	
B*35:22+B*35:43:01G	B*35:44+B*35:51	
B*35:22+B*39:18	B*35:44+B*39:03	
B*35:22+B*40:03	B*35:51+B*40:02:01G	
B*35:22+B*40:20	B*35:51+B*40:11:01	
B*35:22+B*40:52	B*35:51+B*40:01:01G	
B*35:22+B*42:09	B*35:51+B*42:02	
B*35:22+B*44:43:01	B*35:51+B*44:77	
B*35:22+B*48:23	B*35:51+B*48:03:01	
B*35:22+B*51:37	B*35:51+B*51:01:01G	
B*35:22+B*54:14	B*35:51+B*54:04	
B*35:22+B*55:20	B*35:87+B*56:15	
B*35:22+B*57:01:01G	B*35:51+B*57:03:01	
B*35:22+B*57:19	B*35:51+B*57:02:01	
B*35:23+B*40:19	B*40:143+B*53:01:01	
B*35:23+B*40:37	B*35:27+B*40:143	
B*35:23+B*40:50	B*35:29+B*40:143	
B*35:23+B*40:80	B*35:30+B*40:100	
B*35:23+B*40:145	B*35:122+B*40:143	
B*35:23+B*40:157	B*40:143+B*53:13	
B*35:24:01+B*35:38	B*35:109+B*35:115	
B*35:24:01+B*35:56	B*35:27+B*35:109	
B*35:24:01+B*35:85	B*35:82+B*35:109	
B*35:24:01+B*35:136	B*35:29+B*35:109	
B*35:24:01+B*35:150	B*35:90+B*35:109	
B*35:24:01+B*35:151	B*35:68:02+B*35:109	
B*35:24:01+B*38:01:01	B*39:05:01+B*53:02	
B*35:24:01+B*38:14	B*39:01:01G+B*53:02	B*39:48+B*53:01:01
B*35:24:01+B*38:19	B*39:37+B*53:02	
B*35:24:01+B*38:26	B*53:02+B*67:01:01	
B*35:24:01+B*39:55	B*35:109+B*39:07	
B*35:24:01+B*40:01:11	B*35:42:02+B*40:113	
B*35:24:01+B*40:19	B*40:02:01G+B*53:02	
B*35:24:01+B*40:36	B*35:109+B*40:38	
B*35:24:01+B*40:43	B*35:29+B*40:113	
B*35:24:01+B*40:47	B*40:113+B*53:13	
B*35:24:01+B*40:117	B*40:01:01G+B*53:02	B*40:113+B*53:01:01
B*35:24:01+B*40:132	B*35:71+B*40:113	
B*35:24:01+B*44:18	B*45:01:01G+B*53:02	
B*35:24:01+B*44:50	B*44:46+B*53:02	
B*35:24:01+B*44:95	B*44:09+B*53:02	
B*35:24:01+B*49:08	B*35:104+B*49:09	
B*35:24:01+B*49:12	B*35:91+B*49:09	
B*35:24:01+B*51:13:02	B*35:109+B*51:63	
B*35:24:01+B*51:23	B*35:71+B*51:01:01G	
B*35:24:01+B*51:36	B*35:115+B*51:21	
B*35:24:01+B*52:03	B*35:28+B*51:09:01	B*35:42:02+B*52:10
B*35:24:01+B*53:23	B*35:29+B*53:02	
B*35:24:01+B*54:12	B*53:02+B*54:01:01G	
B*35:24:01+B*55:13	B*35:109+B*55:32	
B*35:24:01+B*56:11	B*35:109+B*56:09	
B*35:24:01+B*56:21	B*53:02+B*56:05:02	
B*35:24:01+B*57:02:01	B*53:02+B*57:12	
B*35:24:01+B*58:08	B*58:09+B*78:02:02	
B*35:24:01+B*58:12	B*35:124+B*58:09	
B*35:24:01+B*58:16	B*35:68:02+B*58:09	
B*35:24:01+B*58:27	B*35:31+B*58:09	
B*35:25+B*35:76	B*35:124+B*56:09	
B*35:25+B*51:15	B*35:124+B*59:04	
B*35:25+B*56:06	B*35:124+B*56:05:01	
B*35:27+B*35:38	B*35:56+B*35:115	
B*35:27+B*35:85	B*35:56+B*35:82	
B*35:27+B*35:136	B*35:29+B*35:56	
B*35:27+B*35:150	B*35:56+B*35:90	
B*35:27+B*35:151	B*35:56+B*35:68:02	
B*35:27+B*38:03	B*39:02:01+B*53:13	
B*35:27+B*39:10	B*35:29+B*39:20	
B*35:27+B*39:55	B*35:56+B*39:07	
B*35:27+B*40:19	B*40:37+B*53:01:01	
B*35:27+B*40:36	B*35:56+B*40:38	
B*35:27+B*40:50	B*35:29+B*40:37	
B*35:27+B*40:109	B*40:06:01G+B*53:01:01	B*40:53+B*53:21
B*35:27+B*40:145	B*35:122+B*40:37	
B*35:27+B*40:157	B*40:37+B*53:13	
B*35:27+B*44:05:01	B*44:75+B*53:13	
B*35:27+B*44:15	B*45:01:01G+B*53:13	
B*35:27+B*44:25	B*44:75+B*53:01:01	
B*35:27+B*48:18	B*48:01:01G+B*53:01:01	
B*35:27+B*51:13:02	B*35:56+B*51:63	
B*35:27+B*52:01:01G	B*53:01:01+B*78:06	
B*35:27+B*52:20	B*53:13+B*78:06	
B*35:27+B*53:04	B*35:56+B*53:01:01	
B*35:27+B*55:13	B*35:56+B*55:32	
B*35:27+B*55:26	B*35:143+B*55:12	

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B*35:27+B*55:42	B*35:116+B*55:12	
B*35:27+B*56:11	B*35:56+B*56:09	
B*35:28+B*39:01:09	B*35:82+B*39:02:02	
B*35:28+B*39:11	B*35:82+B*39:08	
B*35:28+B*42:01:01	B*35:76+B*42:11	
B*35:28+B*44:55	B*35:63+B*44:83	
B*35:28+B*51:01:04	B*35:42:02+B*52:01:05	
B*35:28+B*51:08	B*35:42:02+B*52:19	
B*35:28+B*51:13:01	B*35:42:02+B*52:14	
B*35:28+B*51:21	B*35:93+B*52:01:02	
B*35:28+B*51:22	B*35:82+B*52:01:02	
B*35:28+B*51:24:03	B*35:64+B*52:01:02	
B*35:28+B*51:35	B*35:116+B*52:01:02	
B*35:28+B*51:76	B*35:101:02+B*52:01:02	
B*35:28+B*51:78	B*35:42:02+B*52:20	
B*35:28+B*51:90	B*35:42:02+B*52:12	
B*35:28+B*51:101	B*35:35+B*52:01:02	
B*35:28+B*53:11	B*35:80+B*53:09	
B*35:28+B*56:05:02	B*56:09+B*78:05	
B*35:28+B*56:21	B*52:01:01G+B*56:09	
B*35:28+B*67:01:02	B*35:76+B*39:13:01	
B*35:28+B*78:02:02	B*35:42:02+B*78:05	
B*35:28+B*81:01:01G	B*35:76+B*48:01:01G	
B*35:29+B*35:38	B*35:115+B*35:136	
B*35:29+B*35:85	B*35:82+B*35:136	
B*35:29+B*35:150	B*35:90+B*35:136	
B*35:29+B*35:151	B*35:68:02+B*35:136	
B*35:29+B*38:01:03	B*39:01:01G+B*53:01:03	B*39:01:05+B*53:01:01
B*35:29+B*38:02:01G	B*39:01:01G+B*53:13	
B*35:29+B*38:02:03	B*39:01:09+B*53:13	
B*35:29+B*38:04	B*35:69+B*38:02:03	
B*35:29+B*38:10	B*39:30+B*53:08:01	
B*35:29+B*38:14	B*39:01:01G+B*53:23	
B*35:29+B*38:17	B*39:01:01G+B*53:03	
B*35:29+B*38:19	B*39:03+B*53:01:01	B*39:37+B*53:23
B*35:29+B*38:20	B*39:42+B*53:01:01	
B*35:29+B*38:26	B*53:23+B*67:01:01	
B*35:29+B*39:02:01	B*35:69+B*39:39	
B*35:29+B*39:22	B*35:69+B*39:01:01G	
B*35:29+B*40:01:11	B*35:42:02+B*40:43	
B*35:29+B*40:07	B*35:69+B*40:106	
B*35:29+B*40:19	B*40:02:01G+B*53:23	B*40:50+B*53:01:01
B*35:29+B*40:36	B*35:136+B*40:38	
B*35:29+B*40:47	B*40:43+B*53:13	
B*35:29+B*40:117	B*40:01:01G+B*53:23	B*40:43+B*53:01:01
B*35:29+B*40:132	B*35:71+B*40:43	
B*35:29+B*40:145	B*35:122+B*40:50	
B*35:29+B*40:157	B*40:50+B*53:13	
B*35:29+B*44:02:01G	B*35:69+B*44:12	
B*35:29+B*44:18	B*45:01:01G+B*53:23	
B*35:29+B*44:50	B*44:46+B*53:23	
B*35:29+B*44:95	B*44:09+B*53:23	
B*35:29+B*49:01:01	B*50:01:01+B*53:23	
B*35:29+B*51:01:01G	B*53:01:01+B*78:01	B*53:23+B*78:02:02
B*35:29+B*51:01:02	B*53:23+B*78:02:01	
B*35:29+B*51:13:02	B*35:136+B*51:63	
B*35:29+B*51:21	B*53:01:01+B*78:07	
B*35:29+B*51:22	B*53:01:01+B*78:03	
B*35:29+B*51:29	B*53:24+B*78:01	
B*35:29+B*51:57	B*53:21+B*78:01	
B*35:29+B*51:78	B*53:13+B*78:01	
B*35:29+B*52:01:01G	B*35:69+B*51:07:02	B*53:23+B*78:05
B*35:29+B*52:01:02	B*35:69+B*51:07:01	
B*35:29+B*52:06:02	B*35:69+B*51:01:01G	
B*35:29+B*54:12	B*53:23+B*54:01:01G	
B*35:29+B*55:13	B*35:136+B*55:32	
B*35:29+B*55:34	B*35:69+B*55:47	
B*35:29+B*55:40	B*35:69+B*55:01:01G	
B*35:29+B*56:05:01	B*56:09+B*78:01	
B*35:29+B*56:06	B*35:76+B*78:01	
B*35:29+B*56:11	B*35:136+B*56:09	
B*35:29+B*56:21	B*53:23+B*56:05:02	
B*35:29+B*56:23	B*35:93+B*56:17	
B*35:29+B*57:02:01	B*53:23+B*57:12	
B*35:29+B*58:08	B*58:01:01G+B*78:01	
B*35:29+B*67:01:01	B*35:76+B*39:58	
B*35:30+B*38:14	B*39:42+B*53:14	
B*35:30+B*39:09	B*35:48+B*39:03	
B*35:30+B*39:35	B*35:58+B*39:42	
B*35:30+B*44:47	B*35:37+B*44:110	
B*35:31+B*40:04	B*35:88+B*40:02:01G	
B*35:31+B*40:68	B*35:88+B*40:08	
B*35:31+B*42:11	B*35:87+B*48:13	
B*35:31+B*44:48	B*35:88+B*44:106	
B*35:31+B*51:01:01G	B*51:81+B*78:02:01	
B*35:31+B*52:01:02	B*51:81+B*78:05	
B*35:31+B*58:08	B*58:27+B*78:02:02	
B*35:31+B*58:12	B*35:124+B*58:27	
B*35:31+B*58:16	B*35:68:02+B*58:27	
B*35:32+B*40:70	B*35:37+B*40:11:01	B*35:68:02+B*40:06:01G
B*35:32+B*40:80	B*35:51+B*40:01:17	
B*35:32+B*40:125	B*35:68:01+B*40:01:01G	B*35:68:02+B*40:01:04
B*35:32+B*41:07	B*35:68:02+B*41:01	
B*35:32+B*50:01:01	B*35:68:01+B*50:04	
B*35:32+B*54:14	B*35:37+B*54:09	
B*35:32+B*55:01:01G	B*35:68:02+B*55:38	
B*35:32+B*55:23	B*35:37+B*56:18	
B*35:32+B*55:28	B*35:68:02+B*55:17	
B*35:32+B*56:01:01G	B*35:37+B*56:04	B*35:68:02+B*56:27
B*35:32+B*56:02	B*35:68:02+B*56:04	
B*35:33+B*35:135	B*35:85+B*35:86	
B*35:33+B*39:32	B*35:109+B*39:47	
B*35:33+B*49:09	B*35:109+B*49:07	
B*35:33+B*51:08	B*35:38+B*51:31	
B*35:33+B*51:22	B*35:85+B*51:16	

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B*35:33+B*56:13	B*35:38+B*55:22		
B*35:33+B*57:21	B*35:127+B*57:25		
B*35:33+B*57:24	B*35:38+B*57:25		
B*35:34+B*44:17	B*35:115+B*44:107		
B*35:35+B*39:30	B*35:93+B*39:01:01G		
B*35:35+B*39:34	B*35:93+B*39:06:02		
B*35:35+B*44:02:01G	B*35:93+B*44:89		
B*35:35+B*44:03:01G	B*35:93+B*44:29		
B*35:35+B*46:13:03	B*35:93+B*46:19		
B*35:35+B*51:09:01	B*35:93+B*51:19		
B*35:35+B*51:21	B*35:93+B*51:101		
B*35:35+B*51:22	B*35:82+B*51:101		
B*35:35+B*51:24:03	B*35:64+B*51:101		
B*35:35+B*51:35	B*35:116+B*51:101		
B*35:35+B*51:76	B*35:101:02+B*51:101		
B*35:37+B*39:01:01G	B*35:68:01+B*39:06:01	B*35:68:02+B*39:06:02	
B*35:37+B*39:30	B*35:68:02+B*39:34		
B*35:37+B*39:47	B*35:68:02+B*39:50		
B*35:37+B*39:53	B*35:68:02+B*39:57		
B*35:37+B*40:11:02	B*35:68:01+B*40:06:01G		
B*35:37+B*40:19	B*40:06:01G+B*53:14		
B*35:37+B*44:41	B*35:68:02+B*44:20		
B*35:37+B*44:65	B*35:68:02+B*44:47		
B*35:37+B*51:06	B*35:68:01+B*51:01:16	B*35:68:02+B*51:01:01G	
B*35:37+B*51:59	B*35:68:02+B*51:02:01		
B*35:37+B*56:02	B*35:68:02+B*56:01:01G		
B*35:37+B*56:10	B*35:68:01+B*55:02:04	B*35:68:02+B*55:02:01G	
B*35:38+B*35:68:02	B*35:115+B*35:151		
B*35:38+B*35:82	B*35:85+B*35:115		
B*35:38+B*35:90	B*35:115+B*35:150		
B*35:38+B*39:07	B*35:115+B*39:55		
B*35:38+B*40:38	B*35:115+B*40:36		
B*35:38+B*49:11	B*45:04+B*53:04		
B*35:38+B*51:21	B*35:109+B*51:36		
B*35:38+B*51:63	B*35:115+B*51:13:02		
B*35:38+B*53:01:01	B*35:115+B*53:04		
B*35:38+B*55:32	B*35:115+B*55:13		
B*35:38+B*56:09	B*35:115+B*56:11		
B*35:38+B*57:21	B*35:127+B*57:24		
B*35:39+B*39:03	B*35:59+B*39:29		
B*35:39+B*40:36	B*35:59+B*40:33		
B*35:39+B*40:60	B*35:48+B*40:42		
B*35:39+B*40:86	B*35:59+B*40:44		
B*35:39+B*51:13:02	B*35:59+B*51:90		
B*35:42:02+B*35:135	B*35:43:02+B*35:82		
B*35:42:02+B*40:47	B*40:01:11+B*53:13		
B*35:42:02+B*40:117	B*40:01:11+B*53:01:01		
B*35:42:02+B*40:132	B*35:71+B*40:01:11		
B*35:42:02+B*44:22	B*35:54+B*44:02:10		
B*35:42:02+B*44:41	B*35:68:01+B*44:02:10		
B*35:42:02+B*52:15	B*35:71+B*52:01:02		
B*35:42:02+B*56:21	B*51:01:01G+B*56:09	B*53:01:01+B*56:05:01	
B*35:43:01G+B*39:01:01G	B*35:135+B*39:58		
B*35:43:01G+B*39:03	B*35:51+B*39:18		
B*35:43:01G+B*40:01:01G	B*35:44+B*40:52	B*35:86+B*40:63	B*35:118+B*40:87
B*35:43:01G+B*40:01:11	B*35:43:02+B*40:01:01G		
B*35:43:01G+B*40:02:01G	B*35:44+B*40:03		
B*35:43:01G+B*40:11:01	B*35:44+B*40:20		
B*35:43:01G+B*42:02	B*35:44+B*42:09		
B*35:43:01G+B*44:02:10	B*35:43:02+B*44:02:01G		
B*35:43:01G+B*44:16	B*35:86+B*44:91		
B*35:43:01G+B*44:21	B*35:86+B*44:02:01G		
B*35:43:01G+B*44:64:02	B*35:86+B*44:37		
B*35:43:01G+B*44:77	B*35:44+B*44:43:01		
B*35:43:01G+B*45:10	B*35:86+B*45:04		
B*35:43:01G+B*46:18	B*35:60+B*46:01:01G		
B*35:43:01G+B*48:03:01	B*35:44+B*48:23		
B*35:43:01G+B*49:07	B*35:86+B*49:01:01		
B*35:43:01G+B*51:01:01G	B*35:43:02+B*51:01:02	B*35:44+B*51:37	
B*35:43:01G+B*51:02:01	B*35:43:02+B*51:02:02		
B*35:43:01G+B*51:07:01	B*35:43:02+B*51:07:02		
B*35:43:01G+B*51:09:01	B*35:43:02+B*51:09:02		
B*35:43:01G+B*51:16	B*35:86+B*51:01:01G		
B*35:43:01G+B*51:22	B*35:135+B*51:01:01G		
B*35:43:01G+B*51:24:04	B*35:118+B*51:01:01G		
B*35:43:01G+B*51:31	B*35:86+B*51:09:01		
B*35:43:01G+B*51:34	B*35:86+B*51:02:01		
B*35:43:01G+B*51:82	B*35:86+B*51:29		
B*35:43:01G+B*52:01:02	B*35:43:02+B*52:01:01G		
B*35:43:01G+B*52:08	B*35:86+B*52:01:01G		
B*35:43:01G+B*54:01:01G	B*35:60+B*54:06		
B*35:43:01G+B*54:04	B*35:44+B*54:14		
B*35:43:01G+B*55:22	B*35:86+B*56:01:01G		
B*35:43:01G+B*55:24	B*35:86+B*56:25		
B*35:43:01G+B*56:05:01	B*35:43:02+B*56:05:02		
B*35:43:01G+B*57:02:01	B*35:44+B*57:19		
B*35:43:01G+B*57:03:01	B*35:44+B*57:01:01G		
B*35:43:01G+B*57:25	B*35:86+B*57:01:01G		
B*35:43:01G+B*67:03	B*35:118+B*67:01:01		
B*35:43:01G+B*78:02:02	B*35:43:02+B*78:02:01		
B*35:43:01G+B*78:03	B*35:135+B*78:01		
B*35:43:02+B*44:21	B*35:86+B*44:02:10		
B*35:43:02+B*52:08	B*35:86+B*52:01:02		
B*35:44+B*57:25	B*35:86+B*57:03:01		
B*35:45+B*35:124	B*35:71+B*35:142		
B*35:45+B*39:05:01	B*35:71+B*39:11		
B*35:45+B*40:47	B*40:132+B*53:11		
B*35:45+B*40:117	B*40:132+B*53:24		
B*35:45+B*44:03:01G	B*35:71+B*44:28:02		
B*35:45+B*44:03:02	B*35:71+B*44:28:01		
B*35:45+B*44:79	B*35:71+B*44:76		
B*35:45+B*49:01:01	B*50:02+B*53:24		
B*35:45+B*49:02	B*50:02+B*53:11		
B*35:45+B*51:01:01G	B*35:71+B*51:29		
B*35:45+B*51:16	B*35:71+B*51:82		

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B*35:45+B*53:01:01	B*35:71+B*53:24	
B*35:45+B*53:05	B*35:71+B*53:16	
B*35:45+B*53:13	B*35:71+B*53:11	
B*35:45+B*54:01:01G	B*35:71+B*54:10	
B*35:45+B*55:02:01G	B*35:71+B*55:37	
B*35:45+B*55:24	B*35:71+B*55:09	
B*35:45+B*57:01:01G	B*35:71+B*57:19	
B*35:45+B*58:01:01G	B*35:71+B*58:22	
B*35:47+B*40:46	B*35:49+B*40:01:01G	
B*35:47+B*40:93	B*35:49+B*40:06:01G	
B*35:50+B*38:14	B*39:31+B*53:21	
B*35:50+B*44:02:01G	B*35:115+B*44:103	
B*35:50+B*44:26	B*35:138+B*44:103	
B*35:50+B*44:65	B*35:68:01+B*44:103	
B*35:50+B*44:105	B*35:54+B*44:103	
B*35:50+B*49:10	B*50:01:01+B*53:21	
B*35:50+B*54:12	B*53:01:01+B*54:02	
B*35:50+B*54:21	B*35:124+B*54:02	
B*35:51+B*44:28:02	B*35:61+B*44:54	
B*35:54+B*44:26	B*35:138+B*44:105	
B*35:54+B*44:41	B*35:68:01+B*44:22	
B*35:54+B*44:65	B*35:68:01+B*44:105	
B*35:54+B*46:10	B*35:90+B*46:05	
B*35:54+B*46:17	B*35:71+B*46:05	
B*35:56+B*39:10	B*35:136+B*39:20	
B*35:56+B*40:19	B*40:37+B*53:04	
B*35:56+B*40:50	B*35:136+B*40:37	
B*35:56+B*40:109	B*40:06:01G+B*53:04	
B*35:56+B*44:25	B*44:75+B*53:04	
B*35:56+B*48:18	B*48:01:01G+B*53:04	
B*35:56+B*52:01:01G	B*53:04+B*78:06	
B*35:58+B*38:14	B*39:35+B*53:14	
B*35:58+B*48:03:01	B*35:68:02+B*48:15	
B*35:58+B*48:03:02	B*35:68:01+B*48:15	
B*35:60+B*53:01:01	B*35:93+B*51:15	
B*35:60+B*56:05:01	B*55:02:01G+B*78:02:02	
B*35:60+B*56:05:02	B*55:02:01G+B*78:02:01	
B*35:60+B*56:21	B*51:01:02+B*55:02:01G	B*51:09:02+B*55:01:01G
B*35:62+B*46:21:01	B*35:93+B*46:09	
B*35:62+B*48:18	B*48:19+B*53:05	
B*35:63+B*42:11	B*41:02:01+B*48:02:01	
B*35:63+B*44:100	B*44:37+B*45:09	
B*35:63+B*46:06	B*40:59+B*46:13:01	
B*35:63+B*48:01:01G	B*40:80+B*48:02:01	
B*35:63+B*48:03:01	B*40:01:01G+B*48:02:01	
B*35:63+B*48:03:02	B*40:01:04+B*48:02:01	
B*35:63+B*48:08	B*40:32+B*48:02:01	
B*35:63+B*48:23	B*40:52+B*48:02:01	
B*35:64+B*38:26	B*53:01:03+B*67:03	
B*35:64+B*40:24	B*35:114+B*40:120	
B*35:64+B*42:01:01	B*35:114+B*42:13	
B*35:64+B*44:54	B*35:114+B*44:03:02	
B*35:64+B*44:106	B*35:114+B*44:02:07	
B*35:64+B*51:21	B*35:93+B*51:24:03	
B*35:64+B*51:22	B*35:82+B*51:24:03	
B*35:64+B*51:35	B*35:116+B*51:24:03	
B*35:64+B*51:64	B*35:114+B*51:04	
B*35:64+B*51:76	B*35:101:02+B*51:24:03	
B*35:64+B*53:14	B*35:114+B*53:01:01	
B*35:64+B*58:18	B*35:114+B*58:01:01G	
B*35:68:01+B*40:11:01	B*35:68:02+B*40:11:02	
B*35:68:01+B*40:19	B*40:11:02+B*53:14	
B*35:68:01+B*40:124:02	B*35:68:02+B*40:124:01	
B*35:68:01+B*44:26	B*35:138+B*44:65	
B*35:68:01+B*44:64:02	B*35:68:02+B*44:64:01	
B*35:68:01+B*48:03:01	B*35:68:02+B*48:03:02	
B*35:68:02+B*35:85	B*35:82+B*35:151	
B*35:68:02+B*35:150	B*35:90+B*35:151	
B*35:68:02+B*39:55	B*35:151+B*39:07	
B*35:68:02+B*40:19	B*40:11:01+B*53:14	
B*35:68:02+B*40:36	B*35:151+B*40:38	
B*35:68:02+B*51:13:02	B*35:151+B*51:63	
B*35:68:02+B*53:04	B*35:151+B*53:01:01	
B*35:68:02+B*55:13	B*35:151+B*55:32	
B*35:68:02+B*56:11	B*35:151+B*56:09	
B*35:68:02+B*58:08	B*58:16+B*78:02:02	
B*35:68:02+B*58:12	B*35:124+B*58:16	
B*35:69+B*38:01:03	B*39:22+B*53:01:03	
B*35:69+B*38:02:01G	B*39:22+B*53:13	
B*35:69+B*38:14	B*39:22+B*53:23	
B*35:69+B*38:17	B*39:22+B*53:03	
B*35:69+B*39:08	B*35:80+B*39:02:01	
B*35:69+B*40:128	B*35:80+B*40:43	
B*35:69+B*53:24	B*35:80+B*53:23	
B*35:71+B*40:47	B*40:132+B*53:13	
B*35:71+B*40:117	B*40:132+B*53:01:01	
B*35:71+B*44:95	B*44:46+B*53:22	
B*35:71+B*45:08	B*35:93+B*45:01:01G	
B*35:71+B*46:10	B*35:90+B*46:17	
B*35:71+B*49:01:01	B*50:02+B*53:01:01	
B*35:71+B*49:02	B*50:02+B*53:13	
B*35:71+B*49:09	B*50:02+B*53:02	
B*35:72+B*51:24:03	B*35:114+B*51:07:01	
B*35:72+B*53:19	B*35:95+B*53:14	
B*35:74+B*38:14	B*39:27+B*53:04	
B*35:74+B*39:48	B*35:109+B*39:27	
B*35:74+B*40:43	B*35:136+B*40:73	
B*35:74+B*40:113	B*35:109+B*40:73	
B*35:74+B*40:117	B*40:73+B*53:04	
B*35:74+B*40:139	B*35:127+B*40:73	
B*35:75+B*40:99	B*35:151+B*40:04	
B*35:75+B*58:09	B*35:109+B*58:26	
B*35:75+B*58:16	B*35:151+B*58:26	
B*35:76+B*38:01:01	B*35:82+B*38:26	
B*35:76+B*39:05:01	B*35:82+B*67:01:01	

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B*35:76+B*44:02:01G	B*44:90+B*53:09	
B*35:76+B*51:01:01G	B*53:01:01+B*56:06	
B*35:76+B*51:29	B*53:24+B*56:06	
B*35:76+B*51:57	B*53:21+B*56:06	
B*35:76+B*51:78	B*53:13+B*56:06	
B*35:76+B*56:05:01	B*56:06+B*56:09	
B*35:76+B*58:08	B*56:06+B*58:01:01G	
B*35:76+B*59:01	B*53:01:01+B*55:02:01G	B*53:05+B*55:12
B*35:76+B*59:03	B*53:01:01+B*55:13	B*53:04+B*55:32
B*35:76+B*59:04	B*51:15+B*56:09	B*53:01:01+B*56:01:01G
B*35:80+B*38:14	B*39:22+B*53:24	
B*35:81+B*38:14	B*39:48+B*53:19	
B*35:81+B*40:52	B*35:146+B*40:113	
B*35:81+B*40:117	B*40:113+B*53:19	
B*35:81+B*53:04	B*35:109+B*53:19	
B*35:82+B*35:150	B*35:85+B*35:90	
B*35:82+B*39:55	B*35:85+B*39:07	
B*35:82+B*40:36	B*35:85+B*40:38	
B*35:82+B*40:96	B*40:75+B*53:09	
B*35:82+B*51:13:02	B*35:85+B*51:63	
B*35:82+B*51:21	B*35:93+B*51:22	
B*35:82+B*51:35	B*35:116+B*51:22	
B*35:82+B*51:76	B*35:101:02+B*51:22	
B*35:82+B*53:04	B*35:85+B*53:01:01	
B*35:82+B*55:13	B*35:85+B*55:32	
B*35:82+B*56:11	B*35:85+B*56:09	
B*35:82+B*78:07	B*35:93+B*78:03	
B*35:84+B*39:04	B*35:150+B*39:31	
B*35:84+B*40:49	B*35:150+B*40:74	
B*35:84+B*40:110	B*35:150+B*40:96	
B*35:84+B*40:129	B*35:150+B*40:04	
B*35:84+B*44:03:01G	B*35:150+B*44:103	
B*35:84+B*54:01:01G	B*35:150+B*54:02	
B*35:86+B*51:22	B*35:135+B*51:16	
B*35:86+B*51:24:04	B*35:118+B*51:16	
B*35:90+B*38:01:01	B*35:124+B*38:16	
B*35:90+B*39:55	B*35:150+B*39:07	
B*35:90+B*40:36	B*35:150+B*40:38	
B*35:90+B*40:149	B*35:124+B*40:74	
B*35:90+B*51:13:02	B*35:150+B*51:63	
B*35:90+B*53:04	B*35:150+B*53:01:01	
B*35:90+B*55:13	B*35:150+B*55:32	
B*35:90+B*56:11	B*35:150+B*56:09	
B*35:91+B*49:08	B*35:104+B*49:12	
B*35:93+B*51:35	B*35:116+B*51:21	
B*35:93+B*51:76	B*35:101:02+B*51:21	
B*35:93+B*56:07	B*53:12+B*55:12	B*53:13+B*55:02:01G
B*35:93+B*56:13	B*35:115+B*55:02:01G	
B*35:93+B*56:16	B*35:124+B*55:02:01G	
B*35:93+B*56:29	B*35:122+B*55:02:01G	
B*35:93+B*57:24	B*35:115+B*57:26	
B*35:95+B*51:37	B*35:146+B*51:07:01	
B*35:96+B*51:09:01	B*35:109+B*51:21	
B*35:96+B*51:19	B*35:109+B*51:101	
B*35:96+B*56:01:01G	B*35:109+B*55:01:01G	
B*35:96+B*56:15	B*35:109+B*55:28	
B*35:96+B*56:27	B*35:109+B*55:38	
B*35:101:02+B*51:35	B*35:116+B*51:76	
B*35:105+B*35:125	B*35:113+B*35:142	
B*35:109+B*38:14	B*39:48+B*53:04	
B*35:109+B*40:43	B*35:136+B*40:113	
B*35:109+B*40:117	B*40:113+B*53:04	
B*35:109+B*40:139	B*35:127+B*40:113	
B*35:109+B*53:23	B*35:136+B*53:02	
B*35:109+B*58:16	B*35:151+B*58:09	
B*35:115+B*44:18	B*45:04+B*53:22	
B*35:115+B*44:26	B*35:138+B*44:02:01G	
B*35:115+B*44:109	B*44:09+B*53:12	
B*35:115+B*49:01:01	B*45:04+B*53:08:01	
B*35:115+B*49:07	B*45:10+B*53:08:01	
B*35:115+B*49:11	B*45:04+B*53:01:01	
B*35:115+B*51:73	B*35:143+B*51:08	
B*35:115+B*52:15	B*53:22+B*78:05	
B*35:115+B*56:07	B*53:13+B*56:13	
B*35:115+B*56:16	B*35:124+B*56:13	
B*35:115+B*56:29	B*35:122+B*56:13	
B*35:116+B*55:26	B*35:143+B*55:42	
B*35:118+B*51:22	B*35:135+B*51:24:04	
B*35:122+B*40:19	B*40:145+B*53:01:01	
B*35:122+B*40:157	B*40:145+B*53:13	
B*35:122+B*56:07	B*53:13+B*56:29	
B*35:122+B*56:16	B*35:124+B*56:29	
B*35:124+B*39:11	B*35:142+B*39:05:01	
B*35:124+B*40:80	B*35:125+B*40:125	
B*35:124+B*40:128	B*35:142+B*40:01:01G	
B*35:124+B*44:28:01	B*35:142+B*44:03:02	
B*35:124+B*44:28:02	B*35:142+B*44:03:01G	
B*35:124+B*44:76	B*35:142+B*44:79	
B*35:124+B*51:29	B*35:142+B*51:01:01G	
B*35:124+B*51:82	B*35:142+B*51:16	
B*35:124+B*53:11	B*35:142+B*53:13	
B*35:124+B*53:16	B*35:142+B*53:05	
B*35:124+B*53:24	B*35:142+B*53:01:01	
B*35:124+B*54:12	B*53:01:01+B*54:21	
B*35:124+B*55:09	B*35:142+B*55:24	
B*35:124+B*55:37	B*35:142+B*55:02:01G	
B*35:124+B*56:07	B*53:13+B*56:16	
B*35:124+B*57:02:01	B*35:142+B*57:03:01	
B*35:124+B*57:19	B*35:142+B*57:01:01G	
B*35:124+B*58:08	B*58:12+B*78:02:02	
B*35:127+B*40:43	B*35:136+B*40:139	
B*35:127+B*40:117	B*40:139+B*53:04	
B*35:136+B*38:19	B*39:03+B*53:04	
B*35:136+B*38:20	B*39:42+B*53:04	
B*35:136+B*40:19	B*40:50+B*53:04	

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B*35:136+B*40:117	B*40:43+B*53:04		
B*35:136+B*51:01:01G	B*53:04+B*78:01		
B*35:136+B*51:21	B*53:04+B*78:07		
B*35:136+B*51:22	B*53:04+B*78:03		
B*35:136+B*56:05:01	B*56:11+B*78:01		
B*35:142+B*54:12	B*53:24+B*54:21		
B*35:142+B*56:07	B*53:11+B*56:16		
B*35:146+B*40:19	B*40:03+B*53:19		
B*35:146+B*40:117	B*40:52+B*53:19		
B*35:146+B*44:15	B*45:12+B*53:12		
B*35:146+B*44:18	B*45:12+B*53:01:01		
B*37:01:01G+B*38:02:01G	B*37:10+B*38:17		
B*37:01:01G+B*39:05:01	B*37:11+B*38:17		
B*37:01:01G+B*39:35	B*37:13+B*39:01:01G		
B*37:01:01G+B*39:48	B*37:04:01+B*39:01:01G		
B*37:01:01G+B*39:58	B*37:21+B*39:39		
B*37:01:01G+B*40:07	B*37:21+B*40:01:01G		
B*37:01:01G+B*40:13	B*37:21+B*40:19		
B*37:01:01G+B*40:25	B*37:08+B*40:01:03		
B*37:01:01G+B*40:106	B*37:21+B*40:25		
B*37:01:01G+B*40:113	B*37:04:01+B*40:01:01G		
B*37:01:01G+B*40:148	B*37:13+B*40:06:01G		
B*37:01:01G+B*40:152	B*37:24+B*40:01:01G		
B*37:01:01G+B*40:153	B*37:17+B*40:01:01G		
B*37:01:01G+B*44:76	B*37:13+B*44:28:02		
B*37:01:01G+B*44:79	B*37:13+B*44:03:01G		
B*37:01:01G+B*45:03	B*37:25+B*45:01:01G		
B*37:01:01G+B*46:01:01G	B*37:13+B*46:09		
B*37:01:01G+B*46:08	B*37:13+B*46:13:03		
B*37:01:01G+B*47:02	B*37:11+B*47:01:01G		
B*37:01:01G+B*47:03	B*37:14+B*47:01:01G		
B*37:01:01G+B*47:04	B*37:10+B*47:05		
B*37:01:01G+B*48:15	B*37:13+B*48:01:01G		
B*37:01:01G+B*49:01:01	B*37:13+B*49:11		
B*37:01:01G+B*49:09	B*37:04:01+B*49:01:01		
B*37:01:01G+B*51:01:01G	B*37:04:01+B*51:02:01	B*37:13+B*51:09:01	B*37:21+B*51:07:01
B*37:01:01G+B*51:01:02	B*37:04:01+B*51:02:02	B*37:13+B*51:09:02	B*37:21+B*51:07:02
B*37:01:01G+B*51:01:04	B*37:04:01+B*51:02:04		
B*37:01:01G+B*51:01:18	B*37:01:04+B*51:01:01G		
B*37:01:01G+B*51:06	B*37:04:01+B*51:59		
B*37:01:01G+B*51:16	B*37:04:01+B*51:34	B*37:13+B*51:31	
B*37:01:01G+B*52:01:01G	B*37:04:01+B*52:11	B*37:13+B*52:10	
B*37:01:01G+B*52:06:02	B*37:21+B*52:01:02		
B*37:01:01G+B*53:02	B*37:04:01+B*53:01:01		
B*37:01:01G+B*53:08:01	B*37:13+B*53:01:01		
B*37:01:01G+B*53:08:02	B*37:13+B*53:01:03		
B*37:01:01G+B*53:13	B*37:10+B*53:03	B*37:21+B*53:09	
B*37:01:01G+B*54:20	B*37:13+B*54:10		
B*37:01:01G+B*55:01:01G	B*37:13+B*55:02:01G		
B*37:01:01G+B*55:24	B*37:13+B*55:22		
B*37:01:01G+B*56:25	B*37:13+B*56:01:01G		
B*37:01:01G+B*57:22	B*37:13+B*57:01:01G		
B*37:01:01G+B*58:01:08	B*37:01:04+B*58:01:01G		
B*37:01:01G+B*58:06	B*37:13+B*58:02		
B*37:01:01G+B*58:09	B*37:04:01+B*58:01:01G		
B*37:01:01G+B*58:19	B*37:13+B*58:01:01G		
B*37:01:04+B*58:09	B*37:04:01+B*58:01:08		
B*37:01:04+B*58:19	B*37:13+B*58:01:08		
B*37:04:01+B*39:35	B*37:13+B*39:48		
B*37:04:01+B*40:07	B*37:21+B*40:113		
B*37:04:01+B*40:152	B*37:24+B*40:113		
B*37:04:01+B*40:153	B*37:17+B*40:113		
B*37:04:01+B*53:08:01	B*37:13+B*53:02		
B*37:04:01+B*58:19	B*37:13+B*58:09		
B*37:10+B*39:05:01	B*37:11+B*38:02:01G		
B*37:10+B*40:01:01G	B*37:11+B*40:47		
B*37:10+B*40:02:01G	B*37:11+B*40:157		
B*37:10+B*40:06:01G	B*37:11+B*40:96		
B*37:10+B*44:09	B*37:11+B*44:02:01G		
B*37:10+B*44:46	B*37:11+B*44:03:01G		
B*37:10+B*50:01:01	B*37:11+B*49:02		
B*37:10+B*56:01:01G	B*37:11+B*56:07		
B*37:10+B*78:02:02	B*37:11+B*51:78		
B*37:10+B*78:05	B*37:11+B*52:20		
B*37:11+B*47:03	B*37:14+B*47:02		
B*37:17+B*40:07	B*37:21+B*40:153		
B*37:17+B*40:152	B*37:24+B*40:153		
B*37:21+B*40:152	B*37:24+B*40:07		
B*38:01:01+B*39:01:01G	B*38:14+B*39:05:01		
B*38:01:01+B*39:01:05	B*38:01:03+B*39:01:01G		
B*38:01:01+B*39:02:02	B*38:14+B*39:13:01		
B*38:01:01+B*39:03	B*38:14+B*39:37	B*38:19+B*39:01:01G	
B*38:01:01+B*39:15	B*38:14+B*39:55		
B*38:01:01+B*39:37	B*38:19+B*39:05:01		
B*38:01:01+B*39:42	B*38:20+B*39:01:01G		
B*38:01:01+B*40:01:01G	B*39:05:01+B*40:117		
B*38:01:01+B*40:02:01G	B*38:19+B*40:11:01	B*39:05:01+B*40:19	
B*38:01:01+B*40:02:09	B*38:19+B*40:11:02		
B*38:01:01+B*40:03	B*38:19+B*40:20		
B*38:01:01+B*40:14:02	B*38:01:03+B*40:14:01		
B*38:01:01+B*40:18	B*39:55+B*40:19		
B*38:01:01+B*40:31	B*38:19+B*40:33		
B*38:01:01+B*40:33	B*39:55+B*40:117		
B*38:01:01+B*40:43	B*38:14+B*40:01:01G	B*39:01:01G+B*40:117	
B*38:01:01+B*40:45	B*38:19+B*40:114		
B*38:01:01+B*40:47	B*38:02:01G+B*40:117		
B*38:01:01+B*40:50	B*38:14+B*40:02:01G	B*39:01:01G+B*40:19	
B*38:01:01+B*40:64	B*38:20+B*40:11:02		
B*38:01:01+B*40:74	B*38:16+B*40:149		
B*38:01:01+B*40:80	B*38:19+B*40:01:01G	B*39:37+B*40:117	
B*38:01:01+B*40:128	B*39:11+B*40:117		
B*38:01:01+B*40:157	B*38:02:01G+B*40:19		
B*38:01:01+B*41:02:01	B*38:19+B*41:03:02		
B*38:01:01+B*44:02:01G	B*38:02:01G+B*44:95	B*38:20+B*44:41	
B*38:01:01+B*44:02:09	B*38:01:03+B*44:02:01G		

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B*38:01:01+B*44:03:01G	B*38:02:01G+B*44:50	B*38:20+B*44:65		
B*38:01:01+B*44:03:02	B*38:12+B*44:07			
B*38:01:01+B*44:03:11	B*38:01:04+B*44:03:01G			
B*38:01:01+B*44:05:01	B*38:02:01G+B*44:25			
B*38:01:01+B*44:09	B*39:05:01+B*44:95			
B*38:01:01+B*44:46	B*39:05:01+B*44:50			
B*38:01:01+B*44:54	B*38:19+B*44:65			
B*38:01:01+B*44:79	B*38:10+B*44:29			
B*38:01:01+B*44:106	B*38:19+B*44:41			
B*38:01:01+B*44:110	B*38:19+B*44:03:01G	B*38:20+B*44:54		
B*38:01:01+B*45:01:01G	B*39:05:01+B*44:18			
B*38:01:01+B*46:01:01G	B*38:01:03+B*46:01:03			
B*38:01:01+B*46:08	B*38:10+B*46:19			
B*38:01:01+B*46:12	B*38:19+B*46:01:01G			
B*38:01:01+B*46:13:03	B*38:01:03+B*46:13:01			
B*38:01:01+B*46:21:01	B*38:01:03+B*46:21:02			
B*38:01:01+B*48:01:01G	B*38:19+B*48:03:01			
B*38:01:01+B*49:02	B*38:02:01G+B*49:01:01			
B*38:01:01+B*50:01:01	B*38:12+B*50:07	B*39:05:01+B*49:01:01		
B*38:01:01+B*51:01:01G	B*38:10+B*51:19			
B*38:01:01+B*51:02:03	B*38:01:02+B*51:02:01			
B*38:01:01+B*51:20	B*38:14+B*51:08			
B*38:01:01+B*51:24:03	B*38:01:03+B*51:24:04			
B*38:01:01+B*51:39	B*38:11+B*51:01:03			
B*38:01:01+B*51:54	B*38:02:01G+B*51:05			
B*38:01:01+B*51:64	B*38:19+B*51:06			
B*38:01:01+B*51:74	B*38:12+B*51:01:01G			
B*38:01:01+B*51:78	B*38:02:01G+B*51:01:01G			
B*38:01:01+B*52:20	B*38:02:01G+B*52:01:01G			
B*38:01:01+B*53:01:03	B*38:01:03+B*53:01:01			
B*38:01:01+B*53:03	B*38:17+B*53:01:01			
B*38:01:01+B*53:08:02	B*38:01:03+B*53:08:01			
B*38:01:01+B*53:11	B*38:02:01G+B*53:24			
B*38:01:01+B*53:12	B*38:02:01G+B*53:05			
B*38:01:01+B*53:13	B*38:02:01G+B*53:01:01			
B*38:01:01+B*53:23	B*38:14+B*53:01:01			
B*38:01:01+B*54:01:01G	B*39:05:01+B*54:12			
B*38:01:01+B*54:10	B*39:11+B*54:12			
B*38:01:01+B*54:16	B*39:55+B*54:12			
B*38:01:01+B*55:01:01G	B*38:14+B*55:31			
B*38:01:01+B*56:01:03	B*38:01:03+B*56:01:01G			
B*38:01:01+B*56:05:02	B*39:05:01+B*56:21			
B*38:01:01+B*56:06	B*51:22+B*67:01:01			
B*38:01:01+B*57:12	B*39:05:01+B*57:02:01	B*39:11+B*57:03:01		
B*38:01:01+B*58:01:05	B*38:01:03+B*58:01:01G			
B*38:01:01+B*58:18	B*38:19+B*58:16			
B*38:01:01+B*67:01:01	B*38:26+B*39:05:01			
B*38:01:01+B*78:01	B*38:14+B*78:02:02	B*39:01:01G+B*51:01:01G	B*39:04+B*51:57	B*39:06:02+B*51:06
	B*39:35+B*51:09:01	B*39:48+B*51:02:01	B*39:58+B*51:22	
B*38:01:01+B*78:02:01	B*39:05:01+B*51:01:02			
B*38:01:01+B*78:02:02	B*39:05:01+B*51:01:01G			
B*38:01:01+B*78:03	B*39:01:01G+B*51:22			
B*38:01:01+B*78:05	B*39:05:01+B*52:01:01G			
B*38:01:01+B*78:07	B*39:01:01G+B*51:21	B*39:30+B*51:101		
B*38:01:02+B*78:01	B*39:48+B*51:02:03			
B*38:01:03+B*39:03	B*38:19+B*39:01:05			
B*38:01:03+B*39:42	B*38:20+B*39:01:05			
B*38:01:03+B*40:43	B*39:01:05+B*40:117			
B*38:01:03+B*40:50	B*39:01:05+B*40:19			
B*38:01:03+B*53:03	B*38:17+B*53:01:03			
B*38:01:03+B*53:13	B*38:02:01G+B*53:01:03			
B*38:01:03+B*53:23	B*38:14+B*53:01:03			
B*38:01:03+B*78:01	B*39:01:05+B*51:01:01G			
B*38:01:03+B*78:03	B*39:01:05+B*51:22			
B*38:01:03+B*78:07	B*39:01:05+B*51:21			
B*38:01:04+B*44:110	B*38:19+B*44:03:11			
B*38:02:01G+B*39:01:09	B*38:02:03+B*39:01:01G			
B*38:02:01G+B*39:02:02	B*38:02:03+B*39:02:01	B*38:04+B*39:39		
B*38:02:01G+B*40:01:01G	B*39:05:01+B*40:47			
B*38:02:01G+B*40:02:01G	B*39:05:01+B*40:157			
B*38:02:01G+B*40:06:01G	B*39:05:01+B*40:96			
B*38:02:01G+B*40:18	B*39:55+B*40:157			
B*38:02:01G+B*40:33	B*39:55+B*40:47			
B*38:02:01G+B*40:43	B*39:01:01G+B*40:47			
B*38:02:01G+B*40:44	B*39:55+B*40:96			
B*38:02:01G+B*40:50	B*39:01:01G+B*40:157			
B*38:02:01G+B*40:80	B*39:37+B*40:47			
B*38:02:01G+B*40:128	B*39:11+B*40:47			
B*38:02:01G+B*44:09	B*39:05:01+B*44:02:01G			
B*38:02:01G+B*44:46	B*39:05:01+B*44:03:01G			
B*38:02:01G+B*47:05	B*38:17+B*47:04			
B*38:02:01G+B*50:01:01	B*39:05:01+B*49:02			
B*38:02:01G+B*51:74	B*38:12+B*51:78			
B*38:02:01G+B*53:03	B*38:17+B*53:13			
B*38:02:01G+B*53:23	B*38:14+B*53:13			
B*38:02:01G+B*56:01:01G	B*39:05:01+B*56:07			
B*38:02:01G+B*67:01:02	B*38:02:03+B*67:01:01			
B*38:02:01G+B*78:01	B*39:01:01G+B*51:78			
B*38:02:01G+B*78:02:02	B*39:05:01+B*51:78			
B*38:02:01G+B*78:05	B*39:05:01+B*52:20			
B*38:02:03+B*39:22	B*38:04+B*39:01:01G			
B*38:02:03+B*40:01:01G	B*38:04+B*40:25			
B*38:02:03+B*40:07	B*38:04+B*40:106			
B*38:02:03+B*40:43	B*39:01:09+B*40:47			
B*38:02:03+B*40:50	B*39:01:09+B*40:157			
B*38:02:03+B*44:02:01G	B*38:04+B*44:12			
B*38:02:03+B*52:01:01G	B*38:04+B*51:07:02			
B*38:02:03+B*52:01:02	B*38:04+B*51:07:01			
B*38:02:03+B*52:06:02	B*38:04+B*51:01:01G			
B*38:02:03+B*55:34	B*38:04+B*55:47			
B*38:02:03+B*55:40	B*38:04+B*55:01:01G			
B*38:02:03+B*78:01	B*39:01:09+B*51:78			
B*38:03+B*40:37	B*39:02:01+B*40:157			
B*38:03+B*44:46	B*39:02:01+B*44:109			
B*38:03+B*44:75	B*39:02:01+B*44:05:01			

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B*38:03+B*45:01:01G	B*39:02:01+B*44:15			
B*38:03+B*78:06	B*39:02:01+B*52:20			
B*38:06+B*78:03	B*39:19:01+B*51:01:01G			
B*38:12+B*78:01	B*39:01:01G+B*51:74			
B*38:12+B*78:02:02	B*39:05:01+B*51:74			
B*38:14+B*40:18	B*39:15+B*40:19			
B*38:14+B*40:33	B*39:15+B*40:117			
B*38:14+B*40:73	B*39:27+B*40:117			
B*38:14+B*40:80	B*38:19+B*40:43	B*39:03+B*40:117		
B*38:14+B*40:113	B*39:48+B*40:117			
B*38:14+B*44:09	B*39:01:01G+B*44:95			
B*38:14+B*44:46	B*39:01:01G+B*44:50			
B*38:14+B*45:01:01G	B*39:01:01G+B*44:18			
B*38:14+B*50:01:01	B*39:01:01G+B*49:01:01	B*39:31+B*49:10	B*39:35+B*49:11	
B*38:14+B*53:03	B*38:17+B*53:23			
B*38:14+B*54:01:01G	B*39:01:01G+B*54:12			
B*38:14+B*54:16	B*39:15+B*54:12			
B*38:14+B*56:05:02	B*39:01:01G+B*56:21			
B*38:14+B*56:06	B*38:26+B*78:03			
B*38:14+B*57:12	B*39:01:01G+B*57:02:01			
B*38:14+B*67:01:01	B*38:26+B*39:01:01G			
B*38:14+B*67:01:02	B*38:26+B*39:01:09			
B*38:14+B*78:02:01	B*39:01:01G+B*51:01:02	B*39:35+B*51:09:02	B*39:48+B*51:02:02	
B*38:14+B*78:05	B*39:01:01G+B*52:01:01G	B*39:22+B*51:07:02	B*39:35+B*52:10	B*39:48+B*52:11
B*38:17+B*47:02	B*39:05:01+B*47:01:01G			
B*38:19+B*39:42	B*38:20+B*39:03			
B*38:19+B*40:02:01G	B*39:37+B*40:19			
B*38:19+B*40:50	B*39:03+B*40:19			
B*38:19+B*40:64	B*38:20+B*40:02:09			
B*38:19+B*44:02:01G	B*38:20+B*44:106			
B*38:19+B*44:09	B*39:37+B*44:95			
B*38:19+B*44:46	B*39:37+B*44:50			
B*38:19+B*45:01:01G	B*39:37+B*44:18			
B*38:19+B*50:01:01	B*39:37+B*49:01:01			
B*38:19+B*54:01:01G	B*39:37+B*54:12			
B*38:19+B*56:05:02	B*39:37+B*56:21			
B*38:19+B*57:12	B*39:37+B*57:02:01			
B*38:19+B*67:01:01	B*38:26+B*39:37			
B*38:19+B*78:01	B*39:03+B*51:01:01G	B*39:06:02+B*51:64	B*39:14+B*51:13:02	
B*38:19+B*78:02:01	B*39:37+B*51:01:02			
B*38:19+B*78:02:02	B*39:37+B*51:01:01G			
B*38:19+B*78:03	B*39:03+B*51:22			
B*38:19+B*78:05	B*39:37+B*52:01:01G			
B*38:19+B*78:07	B*39:03+B*51:21			
B*38:20+B*40:43	B*39:42+B*40:117			
B*38:20+B*40:50	B*39:42+B*40:19			
B*38:20+B*78:01	B*39:06:01+B*51:04	B*39:42+B*51:01:01G		
B*38:20+B*78:03	B*39:42+B*51:22			
B*38:20+B*78:07	B*39:42+B*51:21			
B*38:26+B*40:01:01G	B*40:117+B*67:01:01			
B*38:26+B*40:02:01G	B*40:19+B*67:01:01			
B*38:26+B*44:09	B*44:95+B*67:01:01			
B*38:26+B*44:46	B*44:50+B*67:01:01			
B*38:26+B*45:01:01G	B*44:18+B*67:01:01			
B*38:26+B*50:01:01	B*49:01:01+B*67:01:01			
B*38:26+B*54:01:01G	B*54:12+B*67:01:01			
B*38:26+B*56:05:02	B*56:21+B*67:01:01			
B*38:26+B*57:12	B*57:02:01+B*67:01:01			
B*38:26+B*78:02:01	B*51:01:02+B*67:01:01			
B*38:26+B*78:02:02	B*51:01:01G+B*67:01:01			
B*38:26+B*78:05	B*52:01:01G+B*67:01:01			
B*39:01:01G+B*39:02:01	B*39:22+B*39:39			
B*39:01:01G+B*39:02:02	B*39:01:09+B*39:02:01			
B*39:01:01G+B*39:08	B*39:02:01+B*39:11			
B*39:01:01G+B*39:13:01	B*39:02:02+B*39:05:01			
B*39:01:01G+B*39:23	B*39:02:02+B*39:44			
B*39:01:01G+B*39:29	B*39:14+B*39:15			
B*39:01:01G+B*39:34	B*39:06:02+B*39:30			
B*39:01:01G+B*39:37	B*39:03+B*39:05:01			
B*39:01:01G+B*39:49	B*39:02:02+B*39:55	B*39:13:01+B*39:15		
B*39:01:01G+B*39:50	B*39:06:02+B*39:47			
B*39:01:01G+B*39:55	B*39:05:01+B*39:15			
B*39:01:01G+B*39:57	B*39:06:02+B*39:53			
B*39:01:01G+B*40:01:01G	B*39:04+B*40:74	B*39:05:01+B*40:43	B*39:22+B*40:25	B*39:31+B*40:49
B*39:01:01G+B*40:02:01G	B*39:03+B*40:11:01	B*39:05:01+B*40:50	B*39:31+B*40:40	B*39:47+B*40:39
B*39:01:01G+B*40:02:09	B*39:03+B*40:11:02			
B*39:01:01G+B*40:03	B*39:03+B*40:20	B*39:15+B*40:105		
B*39:01:01G+B*40:06:01G	B*39:06:01+B*40:11:02	B*39:06:02+B*40:11:01	B*39:39+B*40:75	
B*39:01:01G+B*40:07	B*39:22+B*40:106			
B*39:01:01G+B*40:09	B*39:15+B*40:89			
B*39:01:01G+B*40:14:02	B*39:01:05+B*40:14:01			
B*39:01:01G+B*40:18	B*39:15+B*40:02:01G	B*39:55+B*40:50		
B*39:01:01G+B*40:31	B*39:03+B*40:33	B*39:15+B*40:80	B*39:29+B*40:36	
B*39:01:01G+B*40:32	B*39:04+B*40:98	B*39:15+B*40:16		
B*39:01:01G+B*40:33	B*39:15+B*40:01:01G	B*39:55+B*40:43		
B*39:01:01G+B*40:44	B*39:15+B*40:06:01G			
B*39:01:01G+B*40:45	B*39:03+B*40:114			
B*39:01:01G+B*40:52	B*39:15+B*40:38			
B*39:01:01G+B*40:53	B*39:04+B*40:06:01G			
B*39:01:01G+B*40:64	B*39:42+B*40:11:02			
B*39:01:01G+B*40:73	B*39:27+B*40:01:01G			
B*39:01:01G+B*40:80	B*39:03+B*40:01:01G	B*39:14+B*40:36	B*39:37+B*40:43	
B*39:01:01G+B*40:113	B*39:48+B*40:01:01G			
B*39:01:01G+B*40:128	B*39:11+B*40:43			
B*39:01:01G+B*40:148	B*39:35+B*40:06:01G			
B*39:01:01G+B*41:02:01	B*39:03+B*41:03:02			
B*39:01:01G+B*42:02	B*39:31+B*42:01:01			
B*39:01:01G+B*44:02:01G	B*39:22+B*44:12	B*39:30+B*44:89	B*39:42+B*44:41	
B*39:01:01G+B*44:02:09	B*39:01:05+B*44:02:01G			
B*39:01:01G+B*44:03:01G	B*39:30+B*44:29	B*39:42+B*44:65		
B*39:01:01G+B*44:03:05	B*39:01:08+B*44:03:01G			
B*39:01:01G+B*44:20	B*39:06:02+B*44:41			
B*39:01:01G+B*44:47	B*39:06:02+B*44:65			
B*39:01:01G+B*44:51	B*39:15+B*44:14			
B*39:01:01G+B*44:54	B*39:03+B*44:65			

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B*39:01:01G+B*44:55	B*39:31+B*44:02:01G			
B*39:01:01G+B*44:76	B*39:35+B*44:28:02			
B*39:01:01G+B*44:79	B*39:35+B*44:03:01G			
B*39:01:01G+B*44:106	B*39:03+B*44:41			
B*39:01:01G+B*44:107	B*39:15+B*44:77			
B*39:01:01G+B*44:110	B*39:03+B*44:03:01G	B*39:42+B*44:54		
B*39:01:01G+B*44:112	B*39:26+B*44:02:01G			
B*39:01:01G+B*45:10	B*39:47+B*45:08			
B*39:01:01G+B*46:01:01G	B*39:01:05+B*46:01:03	B*39:18+B*46:13:01	B*39:35+B*46:09	B*39:36+B*46:19
B*39:01:01G+B*46:07N	B*39:40N+B*46:01:01G			
B*39:01:01G+B*46:08	B*39:35+B*46:13:03			
B*39:01:01G+B*46:12	B*39:03+B*46:01:01G			
B*39:01:01G+B*46:13:03	B*39:01:05+B*46:13:01	B*39:30+B*46:19		
B*39:01:01G+B*46:14	B*39:31+B*46:01:01G			
B*39:01:01G+B*46:21:01	B*39:01:05+B*46:21:02			
B*39:01:01G+B*48:01:01G	B*39:03+B*48:03:01			
B*39:01:01G+B*48:15	B*39:35+B*48:01:01G			
B*39:01:01G+B*49:09	B*39:48+B*49:01:01			
B*39:01:01G+B*51:01:04	B*39:48+B*51:02:04			
B*39:01:01G+B*51:01:16	B*39:06:01+B*51:06			
B*39:01:01G+B*51:02:01	B*39:06:02+B*51:59			
B*39:01:01G+B*51:06	B*39:48+B*51:59			
B*39:01:01G+B*51:07:01	B*39:39+B*51:22			
B*39:01:01G+B*51:08	B*39:05:01+B*51:20			
B*39:01:01G+B*51:09:01	B*39:30+B*51:19			
B*39:01:01G+B*51:16	B*39:35+B*51:31	B*39:47+B*51:21	B*39:48+B*51:34	
B*39:01:01G+B*51:24:03	B*39:01:05+B*51:24:04			
B*39:01:01G+B*51:37	B*39:15+B*51:63			
B*39:01:01G+B*51:46	B*39:28+B*51:04			
B*39:01:01G+B*51:61	B*39:18+B*51:09:01			
B*39:01:01G+B*51:64	B*39:03+B*51:06			
B*39:01:01G+B*51:90	B*39:15+B*51:01:01G			
B*39:01:01G+B*51:92	B*39:15+B*51:13:01			
B*39:01:01G+B*51:95	B*39:53+B*51:01:01G	B*39:57+B*51:06		
B*39:01:01G+B*52:01:02	B*39:02:01+B*51:22	B*39:22+B*51:07:01		
B*39:01:01G+B*52:06:02	B*39:22+B*51:01:01G			
B*39:01:01G+B*52:12	B*39:15+B*52:01:01G			
B*39:01:01G+B*53:18	B*39:61+B*53:01:01			
B*39:01:01G+B*54:16	B*39:15+B*54:01:01G			
B*39:01:01G+B*54:20	B*39:35+B*54:10			
B*39:01:01G+B*55:01:01G	B*39:35+B*55:02:01G			
B*39:01:01G+B*55:01:06	B*39:01:08+B*55:01:01G			
B*39:01:01G+B*55:02:01G	B*39:06:02+B*56:10			
B*39:01:01G+B*55:02:04	B*39:06:01+B*56:10			
B*39:01:01G+B*55:03	B*39:27+B*55:01:01G			
B*39:01:01G+B*55:16	B*39:31+B*55:02:01G			
B*39:01:01G+B*55:22	B*39:47+B*55:02:01G	B*39:50+B*56:10		
B*39:01:01G+B*55:23	B*39:15+B*55:32			
B*39:01:01G+B*55:24	B*39:35+B*55:22	B*39:47+B*55:01:01G		
B*39:01:01G+B*55:31	B*39:05:01+B*55:01:01G			
B*39:01:01G+B*55:34	B*39:22+B*55:47			
B*39:01:01G+B*55:36	B*39:54+B*55:01:01G			
B*39:01:01G+B*55:40	B*39:22+B*55:01:01G			
B*39:01:01G+B*55:46	B*39:15+B*55:02:01G			
B*39:01:01G+B*56:01:01G	B*39:06:02+B*56:02			
B*39:01:01G+B*56:01:03	B*39:01:05+B*56:01:01G			
B*39:01:01G+B*56:06	B*67:01:01+B*78:03			
B*39:01:01G+B*56:19N	B*39:40N+B*56:01:01G			
B*39:01:01G+B*56:25	B*39:35+B*56:01:01G			
B*39:01:01G+B*56:27	B*39:06:02+B*56:04			
B*39:01:01G+B*57:01:01G	B*39:04+B*57:10			
B*39:01:01G+B*57:22	B*39:35+B*57:01:01G			
B*39:01:01G+B*57:25	B*39:47+B*57:26			
B*39:01:01G+B*57:30	B*39:60+B*57:19			
B*39:01:01G+B*58:01:05	B*39:01:05+B*58:01:01G			
B*39:01:01G+B*58:06	B*39:35+B*58:02			
B*39:01:01G+B*58:09	B*39:48+B*58:01:01G			
B*39:01:01G+B*58:18	B*39:03+B*58:16			
B*39:01:01G+B*58:19	B*39:35+B*58:01:01G			
B*39:01:01G+B*67:01:02	B*39:01:09+B*67:01:01			
B*39:01:01G+B*78:01	B*39:58+B*78:03			
B*39:01:01G+B*78:02:02	B*39:05:01+B*78:01			
B*39:01:05+B*39:36	B*39:18+B*39:30			
B*39:01:05+B*44:55	B*39:31+B*44:02:09			
B*39:01:05+B*44:112	B*39:26+B*44:02:09			
B*39:01:05+B*46:01:01G	B*39:18+B*46:13:03			
B*39:01:05+B*51:02:01	B*39:35+B*51:40			
B*39:01:05+B*51:09:01	B*39:48+B*51:40			
B*39:01:05+B*53:02	B*39:48+B*53:01:03			
B*39:01:05+B*53:18	B*39:61+B*53:01:03			
B*39:01:05+B*55:21	B*39:18+B*55:02:01G			
B*39:01:05+B*56:19N	B*39:40N+B*56:01:03			
B*39:01:05+B*56:25	B*39:35+B*56:01:03			
B*39:01:05+B*57:14	B*39:32+B*57:26	B*39:48+B*57:01:01G		
B*39:01:05+B*58:09	B*39:48+B*58:01:05			
B*39:01:05+B*58:19	B*39:35+B*58:01:05			
B*39:01:08+B*44:79	B*39:35+B*44:03:05			
B*39:01:08+B*44:110	B*39:03+B*44:03:05			
B*39:01:08+B*55:03	B*39:27+B*55:01:06			
B*39:01:08+B*55:24	B*39:47+B*55:01:06			
B*39:01:08+B*55:31	B*39:05:01+B*55:01:06			
B*39:01:08+B*55:36	B*39:54+B*55:01:06			
B*39:01:08+B*55:40	B*39:22+B*55:01:06			
B*39:01:09+B*39:08	B*39:02:02+B*39:11			
B*39:01:09+B*52:01:02	B*39:02:02+B*51:22			
B*39:01:09+B*56:06	B*67:01:02+B*78:03			
B*39:02:01+B*40:08	B*39:58+B*40:02:01G			
B*39:02:01+B*40:25	B*39:39+B*40:01:01G			
B*39:02:01+B*40:68	B*39:58+B*40:04			
B*39:02:01+B*40:75	B*39:22+B*40:06:01G			
B*39:02:01+B*40:106	B*39:39+B*40:07	B*39:58+B*40:01:01G		
B*39:02:01+B*40:128	B*39:08+B*40:43			
B*39:02:01+B*44:12	B*39:39+B*44:02:01G			
B*39:02:01+B*48:06	B*39:58+B*48:01:01G			
B*39:02:01+B*51:01:01G	B*39:39+B*52:06:02	B*39:58+B*52:01:02		

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B*39:02:01+B*51:01:02	B*39:58+B*52:01:01G			
B*39:02:01+B*51:02:02	B*39:58+B*52:11			
B*39:02:01+B*51:07:01	B*39:39+B*52:01:02			
B*39:02:01+B*51:07:02	B*39:39+B*52:01:01G			
B*39:02:01+B*51:09:02	B*39:58+B*52:10			
B*39:02:01+B*51:104	B*39:58+B*52:02			
B*39:02:01+B*53:24	B*39:08+B*53:23			
B*39:02:01+B*55:01:01G	B*39:39+B*55:40			
B*39:02:01+B*55:47	B*39:39+B*55:34			
B*39:02:01+B*67:01:02	B*39:02:02+B*67:01:01			
B*39:02:01+B*78:02:01	B*39:58+B*78:05			
B*39:02:02+B*39:37	B*39:03+B*39:13:01			
B*39:02:02+B*40:01:01G	B*39:13:01+B*40:43			
B*39:02:02+B*40:02:01G	B*39:13:01+B*40:50			
B*39:02:02+B*40:02:04	B*39:13:02+B*40:50			
B*39:02:02+B*40:18	B*39:49+B*40:50			
B*39:02:02+B*40:33	B*39:49+B*40:43			
B*39:02:02+B*51:08	B*39:13:01+B*51:20			
B*39:02:02+B*53:01:01	B*39:13:01+B*53:23			
B*39:02:02+B*55:02:01G	B*39:10+B*55:34			
B*39:02:02+B*55:31	B*39:13:01+B*55:01:01G			
B*39:02:02+B*78:02:02	B*39:13:01+B*78:01			
B*39:03+B*39:55	B*39:15+B*39:37			
B*39:03+B*40:02:01G	B*39:37+B*40:50			
B*39:03+B*40:06:01G	B*39:06:01+B*40:02:09	B*39:06:02+B*40:02:01G	B*39:14+B*40:86	B*39:50+B*40:39
B*39:03+B*40:06:02	B*39:06:02+B*40:02:07			
B*39:03+B*40:44	B*39:06:02+B*40:18	B*39:29+B*40:86		
B*39:03+B*40:64	B*39:42+B*40:02:09			
B*39:03+B*40:73	B*39:27+B*40:80			
B*39:03+B*40:96	B*39:06:02+B*40:157			
B*39:03+B*40:113	B*39:48+B*40:80			
B*39:03+B*42:01:01	B*39:14+B*42:06			
B*39:03+B*42:04	B*39:06:02+B*42:01:01			
B*39:03+B*44:02:01G	B*39:42+B*44:106			
B*39:03+B*44:20	B*39:06:02+B*44:106			
B*39:03+B*44:47	B*39:06:02+B*44:54			
B*39:03+B*44:79	B*39:35+B*44:110			
B*39:03+B*46:07N	B*39:40N+B*46:12			
B*39:03+B*46:14	B*39:31+B*46:12			
B*39:03+B*48:01:01G	B*39:14+B*48:07			
B*39:03+B*51:01:04	B*39:14+B*51:13:01			
B*39:03+B*51:01:16	B*39:06:01+B*51:64			
B*39:03+B*51:08	B*39:37+B*51:20			
B*39:03+B*51:10	B*39:06:02+B*51:81			
B*39:03+B*51:90	B*39:29+B*51:13:02			
B*39:03+B*51:95	B*39:57+B*51:64			
B*39:03+B*52:01:05	B*39:14+B*52:14			
B*39:03+B*55:31	B*39:37+B*55:01:01G			
B*39:03+B*56:15	B*39:14+B*56:22			
B*39:03+B*78:02:02	B*39:37+B*78:01			
B*39:04+B*40:04	B*39:31+B*40:129			
B*39:04+B*40:44	B*39:15+B*40:53			
B*39:04+B*40:96	B*39:31+B*40:110			
B*39:04+B*40:148	B*39:35+B*40:53			
B*39:04+B*44:103	B*39:31+B*44:03:01G			
B*39:04+B*54:02	B*39:31+B*54:01:01G			
B*39:05:01+B*39:23	B*39:13:01+B*39:44			
B*39:05:01+B*39:29	B*39:14+B*39:55			
B*39:05:01+B*39:49	B*39:13:01+B*39:55			
B*39:05:01+B*40:02:01G	B*39:37+B*40:11:01			
B*39:05:01+B*40:02:09	B*39:37+B*40:11:02			
B*39:05:01+B*40:03	B*39:37+B*40:20	B*39:55+B*40:105		
B*39:05:01+B*40:09	B*39:55+B*40:89			
B*39:05:01+B*40:18	B*39:55+B*40:02:01G			
B*39:05:01+B*40:31	B*39:37+B*40:33	B*39:55+B*40:80		
B*39:05:01+B*40:32	B*39:55+B*40:16			
B*39:05:01+B*40:33	B*39:55+B*40:01:01G			
B*39:05:01+B*40:44	B*39:55+B*40:06:01G			
B*39:05:01+B*40:45	B*39:37+B*40:114			
B*39:05:01+B*40:52	B*39:07+B*40:36	B*39:55+B*40:38		
B*39:05:01+B*40:80	B*39:37+B*40:01:01G			
B*39:05:01+B*40:128	B*39:11+B*40:01:01G			
B*39:05:01+B*41:02:01	B*39:37+B*41:03:02			
B*39:05:01+B*44:28:01	B*39:11+B*44:03:02			
B*39:05:01+B*44:28:02	B*39:11+B*44:03:01G			
B*39:05:01+B*44:51	B*39:55+B*44:14			
B*39:05:01+B*44:54	B*39:37+B*44:65			
B*39:05:01+B*44:76	B*39:11+B*44:79			
B*39:05:01+B*44:106	B*39:37+B*44:41			
B*39:05:01+B*44:107	B*39:55+B*44:77			
B*39:05:01+B*44:110	B*39:37+B*44:03:01G			
B*39:05:01+B*46:12	B*39:37+B*46:01:01G			
B*39:05:01+B*48:01:01G	B*39:37+B*48:03:01			
B*39:05:01+B*51:29	B*39:11+B*51:01:01G			
B*39:05:01+B*51:37	B*39:07+B*51:13:02	B*39:55+B*51:63		
B*39:05:01+B*51:64	B*39:37+B*51:06			
B*39:05:01+B*51:82	B*39:11+B*51:16			
B*39:05:01+B*51:90	B*39:55+B*51:01:01G			
B*39:05:01+B*51:92	B*39:55+B*51:13:01			
B*39:05:01+B*52:12	B*39:55+B*52:01:01G			
B*39:05:01+B*53:16	B*39:11+B*53:05			
B*39:05:01+B*54:10	B*39:11+B*54:01:01G			
B*39:05:01+B*54:16	B*39:55+B*54:01:01G			
B*39:05:01+B*55:03	B*39:27+B*55:31			
B*39:05:01+B*55:09	B*39:11+B*55:24			
B*39:05:01+B*55:23	B*39:07+B*55:13	B*39:55+B*55:32		
B*39:05:01+B*55:24	B*39:47+B*55:31			
B*39:05:01+B*55:36	B*39:54+B*55:31			
B*39:05:01+B*55:37	B*39:11+B*55:02:01G			
B*39:05:01+B*55:40	B*39:22+B*55:31			
B*39:05:01+B*55:46	B*39:55+B*55:02:01G			
B*39:05:01+B*57:19	B*39:11+B*57:01:01G			
B*39:05:01+B*58:18	B*39:37+B*58:16			
B*39:05:01+B*58:22	B*39:11+B*58:01:01G			
B*39:06:01+B*40:01:04	B*39:06:02+B*40:01:01G			

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B*39:06:01+B*40:04	B*39:42+B*40:70		
B*39:06:01+B*40:64	B*39:42+B*40:06:01G		
B*39:06:01+B*40:124:01	B*39:06:02+B*40:124:02		
B*39:06:01+B*42:13	B*39:42+B*42:04		
B*39:06:01+B*44:02:07	B*39:06:02+B*44:02:01G	B*39:34+B*44:89	B*39:42+B*44:20
B*39:06:01+B*44:03:02	B*39:06:02+B*44:03:01G	B*39:34+B*44:29	B*39:42+B*44:47
B*39:06:01+B*44:28:01	B*39:06:02+B*44:28:02		
B*39:06:01+B*44:41	B*39:28+B*44:100		
B*39:06:01+B*44:64:01	B*39:06:02+B*44:64:02		
B*39:06:01+B*48:03:02	B*39:06:02+B*48:03:01		
B*39:06:01+B*51:01:01G	B*39:06:02+B*51:01:16		
B*39:06:01+B*51:95	B*39:57+B*51:01:16		
B*39:06:01+B*55:02:01G	B*39:06:02+B*55:02:04		
B*39:06:01+B*55:22	B*39:50+B*55:02:04		
B*39:06:02+B*41:03:02	B*39:28+B*41:01		
B*39:06:02+B*44:98	B*39:62+B*44:03:01G		
B*39:06:02+B*45:10	B*39:50+B*45:08		
B*39:06:02+B*46:13:03	B*39:34+B*46:19		
B*39:06:02+B*51:09:01	B*39:34+B*51:19		
B*39:06:02+B*51:16	B*39:50+B*51:21		
B*39:06:02+B*51:21	B*39:34+B*51:101		
B*39:06:02+B*51:29	B*39:33+B*51:101		
B*39:06:02+B*51:95	B*39:57+B*51:01:01G		
B*39:06:02+B*55:22	B*39:50+B*55:02:01G		
B*39:06:02+B*55:24	B*39:50+B*55:01:01G		
B*39:06:02+B*57:25	B*39:50+B*57:26		
B*39:07+B*40:50	B*39:14+B*40:20		
B*39:07+B*48:07	B*39:37+B*48:23		
B*39:07+B*53:04	B*39:55+B*53:01:01		
B*39:07+B*56:11	B*39:55+B*56:09		
B*39:08+B*51:22	B*39:11+B*52:01:02		
B*39:10+B*40:37	B*39:20+B*40:50		
B*39:10+B*42:01:01	B*42:07+B*67:01:02		
B*39:10+B*42:11	B*39:13:01+B*42:07		
B*39:10+B*55:41	B*39:17+B*55:13		
B*39:11+B*40:33	B*39:55+B*40:128		
B*39:11+B*40:80	B*39:37+B*40:128		
B*39:11+B*44:110	B*39:37+B*44:28:02		
B*39:11+B*51:90	B*39:55+B*51:29		
B*39:11+B*54:16	B*39:55+B*54:10		
B*39:11+B*55:46	B*39:55+B*55:37		
B*39:13:01+B*39:29	B*39:14+B*39:49		
B*39:13:01+B*40:02:04	B*39:13:02+B*40:02:01G		
B*39:13:01+B*40:03	B*39:49+B*40:105		
B*39:13:01+B*40:09	B*39:49+B*40:89		
B*39:13:01+B*40:10:02	B*39:13:02+B*40:10:01		
B*39:13:01+B*40:18	B*39:49+B*40:02:01G		
B*39:13:01+B*40:31	B*39:49+B*40:80		
B*39:13:01+B*40:32	B*39:49+B*40:16		
B*39:13:01+B*40:33	B*39:49+B*40:01:01G		
B*39:13:01+B*40:44	B*39:49+B*40:06:01G		
B*39:13:01+B*40:52	B*39:49+B*40:38		
B*39:13:01+B*42:01:01	B*42:11+B*67:01:02		
B*39:13:01+B*44:51	B*39:49+B*44:14		
B*39:13:01+B*44:107	B*39:49+B*44:77		
B*39:13:01+B*51:37	B*39:49+B*51:63		
B*39:13:01+B*51:90	B*39:49+B*51:01:01G		
B*39:13:01+B*51:92	B*39:49+B*51:13:01		
B*39:13:01+B*52:12	B*39:49+B*52:01:01G		
B*39:13:01+B*54:16	B*39:49+B*54:01:01G		
B*39:13:01+B*55:12	B*39:20+B*55:34		
B*39:13:01+B*55:23	B*39:49+B*55:32		
B*39:13:01+B*55:46	B*39:49+B*55:02:01G		
B*39:13:01+B*57:01:01G	B*39:13:02+B*57:01:09		
B*39:13:01+B*81:01:01G	B*48:01:01G+B*67:01:02		
B*39:13:02+B*40:18	B*39:49+B*40:02:04		
B*39:13:02+B*58:01:01G	B*48:02:01+B*58:20		
B*39:13:02+B*58:27	B*48:13+B*58:20		
B*39:14+B*40:03	B*39:29+B*40:105		
B*39:14+B*40:09	B*39:29+B*40:89		
B*39:14+B*40:18	B*39:29+B*40:02:01G		
B*39:14+B*40:31	B*39:29+B*40:80		
B*39:14+B*40:32	B*39:29+B*40:16		
B*39:14+B*40:33	B*39:29+B*40:01:01G		
B*39:14+B*40:44	B*39:29+B*40:06:01G		
B*39:14+B*40:52	B*39:29+B*40:38		
B*39:14+B*44:51	B*39:29+B*44:14		
B*39:14+B*44:107	B*39:29+B*44:77		
B*39:14+B*51:37	B*39:29+B*51:63		
B*39:14+B*51:90	B*39:29+B*51:01:01G		
B*39:14+B*51:92	B*39:29+B*51:13:01		
B*39:14+B*52:12	B*39:29+B*52:01:01G		
B*39:14+B*54:16	B*39:29+B*54:01:01G		
B*39:14+B*55:23	B*39:29+B*55:32		
B*39:14+B*55:46	B*39:29+B*55:02:01G		
B*39:15+B*40:73	B*39:27+B*40:33		
B*39:15+B*40:113	B*39:48+B*40:33		
B*39:15+B*40:148	B*39:35+B*40:44		
B*39:15+B*51:08	B*39:55+B*51:20		
B*39:15+B*51:95	B*39:53+B*51:90		
B*39:15+B*52:06:02	B*39:22+B*51:90		
B*39:15+B*53:01:01	B*39:55+B*53:23		
B*39:15+B*55:01:01G	B*39:35+B*55:46		
B*39:15+B*55:16	B*39:31+B*55:46		
B*39:15+B*55:22	B*39:47+B*55:46		
B*39:15+B*55:31	B*39:55+B*55:01:01G		
B*39:15+B*78:02:02	B*39:55+B*78:01		
B*39:18+B*51:01:01G	B*39:35+B*51:61		
B*39:22+B*51:95	B*39:53+B*52:06:02		
B*39:22+B*55:03	B*39:27+B*55:40		
B*39:22+B*55:24	B*39:47+B*55:40		
B*39:22+B*55:36	B*39:54+B*55:40		
B*39:23+B*39:55	B*39:44+B*39:49		
B*39:26+B*44:55	B*39:31+B*44:112		
B*39:27+B*40:113	B*39:48+B*40:73		

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B*39:27+B*55:24	B*39:47+B*55:03			
B*39:27+B*55:36	B*39:54+B*55:03			
B*39:30+B*39:50	B*39:34+B*39:47			
B*39:30+B*39:57	B*39:34+B*39:53			
B*39:30+B*40:06:01G	B*39:34+B*40:11:01			
B*39:30+B*44:20	B*39:34+B*44:41			
B*39:30+B*44:47	B*39:34+B*44:65			
B*39:30+B*46:01:01G	B*39:36+B*46:13:03			
B*39:30+B*46:01:03	B*39:36+B*46:13:01			
B*39:30+B*51:01:01G	B*39:34+B*51:06			
B*39:30+B*51:02:01	B*39:34+B*51:59			
B*39:30+B*55:02:01G	B*39:34+B*56:10			
B*39:30+B*55:21	B*39:36+B*55:02:01G			
B*39:30+B*56:01:01G	B*39:34+B*56:02			
B*39:30+B*56:27	B*39:34+B*56:04			
B*39:31+B*46:07N	B*39:40N+B*46:14			
B*39:31+B*55:01:01G	B*39:35+B*55:16			
B*39:31+B*55:22	B*39:47+B*55:16			
B*39:32+B*44:04	B*39:48+B*44:28:02			
B*39:32+B*45:08	B*39:48+B*45:04			
B*39:32+B*46:18	B*39:48+B*46:11			
B*39:32+B*46:21:01	B*39:48+B*46:13:03			
B*39:32+B*46:21:02	B*39:48+B*46:13:01			
B*39:32+B*49:07	B*39:47+B*49:09			
B*39:32+B*51:21	B*39:48+B*51:01:01G			
B*39:32+B*51:34	B*39:47+B*51:01:01G	B*39:50+B*51:06		
B*39:32+B*51:36	B*39:35+B*51:08			
B*39:32+B*54:01:01G	B*39:48+B*54:03			
B*39:32+B*55:01:01G	B*39:48+B*56:25			
B*39:32+B*55:02:01G	B*39:48+B*56:01:01G			
B*39:32+B*55:13	B*39:48+B*56:22			
B*39:32+B*56:10	B*39:48+B*56:02			
B*39:32+B*59:01	B*39:48+B*59:04			
B*39:32+B*78:07	B*39:48+B*78:01			
B*39:33+B*51:21	B*39:34+B*51:29			
B*39:33+B*57:26	B*39:34+B*57:19			
B*39:35+B*53:18	B*39:61+B*53:08:01			
B*39:35+B*56:19N	B*39:40N+B*56:25			
B*39:35+B*58:09	B*39:48+B*58:19			
B*39:39+B*40:13	B*39:58+B*40:19			
B*39:39+B*40:106	B*39:58+B*40:25			
B*39:39+B*51:01:01G	B*39:58+B*51:07:01			
B*39:39+B*51:01:02	B*39:58+B*51:07:02			
B*39:39+B*53:13	B*39:58+B*53:09			
B*39:47+B*39:57	B*39:50+B*39:53			
B*39:47+B*40:06:01G	B*39:50+B*40:11:01			
B*39:47+B*44:20	B*39:50+B*44:41			
B*39:47+B*44:47	B*39:50+B*44:65			
B*39:47+B*51:02:01	B*39:50+B*51:59			
B*39:47+B*55:36	B*39:54+B*55:24			
B*39:47+B*56:01:01G	B*39:50+B*56:02			
B*39:47+B*56:27	B*39:50+B*56:04			
B*39:48+B*53:18	B*39:61+B*53:02			
B*39:53+B*40:06:01G	B*39:57+B*40:11:01			
B*39:53+B*44:20	B*39:57+B*44:41			
B*39:53+B*44:47	B*39:57+B*44:65			
B*39:53+B*51:02:01	B*39:57+B*51:59			
B*39:53+B*55:02:01G	B*39:57+B*56:10			
B*39:53+B*56:01:01G	B*39:57+B*56:02			
B*39:53+B*56:27	B*39:57+B*56:04			
B*39:58+B*56:06	B*67:01:01+B*78:01			
B*40:01:01G+B*40:02:01G	B*40:11:01+B*40:80			
B*40:01:01G+B*40:02:08	B*40:01:17+B*40:02:01G			
B*40:01:01G+B*40:02:09	B*40:01:04+B*40:02:01G	B*40:11:02+B*40:80		
B*40:01:01G+B*40:02:11	B*40:01:10+B*40:02:01G			
B*40:01:01G+B*40:03	B*40:02:01G+B*40:52	B*40:18+B*40:38	B*40:20+B*40:80	B*40:33+B*40:105
B*40:01:01G+B*40:06:01G	B*40:53+B*40:74			
B*40:01:01G+B*40:08	B*40:02:01G+B*40:106			
B*40:01:01G+B*40:09	B*40:02:01G+B*40:42	B*40:33+B*40:89		
B*40:01:01G+B*40:11:02	B*40:01:04+B*40:11:01			
B*40:01:01G+B*40:13	B*40:07+B*40:19			
B*40:01:01G+B*40:14:01	B*40:72:01+B*40:114			
B*40:01:01G+B*40:14:02	B*40:01:14+B*40:14:03			
B*40:01:01G+B*40:14:03	B*40:72:02+B*40:114			
B*40:01:01G+B*40:18	B*40:02:01G+B*40:33	B*40:11:01+B*40:31		
B*40:01:01G+B*40:19	B*40:02:01G+B*40:117			
B*40:01:01G+B*40:20	B*40:11:01+B*40:52			
B*40:01:01G+B*40:31	B*40:33+B*40:80			
B*40:01:01G+B*40:32	B*40:16+B*40:33			
B*40:01:01G+B*40:40	B*40:02:01G+B*40:49			
B*40:01:01G+B*40:44	B*40:06:01G+B*40:33			
B*40:01:01G+B*40:45	B*40:80+B*40:114			
B*40:01:01G+B*40:50	B*40:02:01G+B*40:43			
B*40:01:01G+B*40:52	B*40:33+B*40:38			
B*40:01:01G+B*40:68	B*40:04+B*40:106			
B*40:01:01G+B*40:86	B*40:06:01G+B*40:36			
B*40:01:01G+B*40:93	B*40:06:01G+B*40:46			
B*40:01:01G+B*40:96	B*40:06:01G+B*40:47			
B*40:01:01G+B*40:98	B*40:32+B*40:74			
B*40:01:01G+B*40:105	B*40:02:01G+B*40:38			
B*40:01:01G+B*40:106	B*40:07+B*40:25			
B*40:01:01G+B*40:124:01	B*40:01:04+B*40:124:02			
B*40:01:01G+B*40:157	B*40:02:01G+B*40:47			
B*40:01:01G+B*41:02:01	B*40:80+B*41:03:02			
B*40:01:01G+B*41:14	B*40:79+B*41:01			
B*40:01:01G+B*42:01:01	B*40:49+B*42:02	B*41:03:02+B*81:01:01G		
B*40:01:01G+B*42:06	B*40:36+B*42:01:01			
B*40:01:01G+B*42:08	B*40:130+B*42:05:02			
B*40:01:01G+B*42:09	B*40:52+B*42:02			
B*40:01:01G+B*42:11	B*41:02:01+B*48:03:01	B*41:03:02+B*48:01:01G		
B*40:01:01G+B*44:02:01G	B*40:42+B*44:14	B*40:47+B*44:09	B*40:49+B*44:55	B*40:63+B*44:21
	B*40:132+B*44:91			
B*40:01:01G+B*44:02:07	B*40:01:04+B*44:02:01G			
B*40:01:01G+B*44:02:10	B*40:01:11+B*44:02:01G			
B*40:01:01G+B*44:03:01G	B*40:47+B*44:46	B*40:132+B*44:37		

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B*40:01:01G+B*44:03:02	B*40:01:04+B*44:03:01G			
B*40:01:01G+B*44:03:08	B*40:01:10+B*44:03:01G			
B*40:01:01G+B*44:05:01	B*40:132+B*44:42			
B*40:01:01G+B*44:12	B*40:25+B*44:02:01G			
B*40:01:01G+B*44:18	B*40:117+B*45:01:01G			
B*40:01:01G+B*44:21	B*40:132+B*44:16			
B*40:01:01G+B*44:28:01	B*40:01:04+B*44:28:02	B*40:128+B*44:03:02		
B*40:01:01G+B*44:28:02	B*40:128+B*44:03:01G			
B*40:01:01G+B*44:30	B*40:101+B*44:03:01G			
B*40:01:01G+B*44:37	B*40:63+B*44:64:02			
B*40:01:01G+B*44:43:01	B*40:38+B*44:107	B*40:52+B*44:77		
B*40:01:01G+B*44:48	B*40:125+B*44:02:01G			
B*40:01:01G+B*44:50	B*40:117+B*44:46			
B*40:01:01G+B*44:51	B*40:33+B*44:14			
B*40:01:01G+B*44:54	B*40:80+B*44:65			
B*40:01:01G+B*44:64:01	B*40:01:04+B*44:64:02			
B*40:01:01G+B*44:76	B*40:128+B*44:79			
B*40:01:01G+B*44:91	B*40:63+B*44:16			
B*40:01:01G+B*44:95	B*40:117+B*44:09			
B*40:01:01G+B*44:106	B*40:80+B*44:41			
B*40:01:01G+B*44:107	B*40:33+B*44:77			
B*40:01:01G+B*44:110	B*40:80+B*44:03:01G			
B*40:01:01G+B*45:01:01G	B*40:132+B*45:04			
B*40:01:01G+B*45:04	B*40:63+B*45:10			
B*40:01:01G+B*46:01:01G	B*40:49+B*46:14			
B*40:01:01G+B*46:12	B*40:80+B*46:01:01G			
B*40:01:01G+B*46:17	B*40:132+B*46:01:01G			
B*40:01:01G+B*47:06	B*40:67+B*47:01:01G			
B*40:01:01G+B*48:01:01G	B*40:80+B*48:03:01			
B*40:01:01G+B*48:03:02	B*40:01:04+B*48:03:01			
B*40:01:01G+B*48:06	B*40:106+B*48:01:01G			
B*40:01:01G+B*48:07	B*40:36+B*48:01:01G			
B*40:01:01G+B*48:08	B*40:32+B*48:03:01			
B*40:01:01G+B*48:10	B*40:14:03+B*48:01:01G			
B*40:01:01G+B*48:12	B*40:121+B*48:01:01G			
B*40:01:01G+B*48:13	B*40:14:03+B*48:04			
B*40:01:01G+B*48:23	B*40:52+B*48:03:01			
B*40:01:01G+B*49:01:01	B*40:63+B*49:07	B*40:117+B*50:01:01		
B*40:01:01G+B*49:02	B*40:47+B*50:01:01			
B*40:01:01G+B*49:09	B*40:113+B*49:01:01			
B*40:01:01G+B*49:10	B*40:49+B*49:01:01			
B*40:01:01G+B*50:01:01	B*40:125+B*50:04			
B*40:01:01G+B*50:02	B*40:132+B*50:01:01			
B*40:01:01G+B*51:01:01G	B*40:01:04+B*51:01:16	B*40:01:06+B*51:01:04	B*40:01:11+B*51:01:02	B*40:07+B*51:07:01
	B*40:25+B*52:06:02	B*40:63+B*51:16	B*40:87+B*51:24:04	B*40:106+B*52:01:02
	B*40:113+B*51:02:01	B*40:117+B*78:02:02		
B*40:01:01G+B*51:01:02	B*40:01:14+B*51:01:09	B*40:07+B*51:07:02	B*40:106+B*52:01:01G	B*40:113+B*51:02:02
	B*40:117+B*78:02:01			
B*40:01:01G+B*51:01:03	B*40:01:03+B*51:01:01G			
B*40:01:01G+B*51:01:04	B*40:113+B*51:02:04			
B*40:01:01G+B*51:02:01	B*40:01:06+B*51:02:04	B*40:01:11+B*51:02:02	B*40:63+B*51:34	
B*40:01:01G+B*51:02:02	B*40:106+B*52:11			
B*40:01:01G+B*51:06	B*40:113+B*51:59			
B*40:01:01G+B*51:07:01	B*40:01:11+B*51:07:02	B*40:25+B*52:01:02		
B*40:01:01G+B*51:07:02	B*40:25+B*52:01:01G			
B*40:01:01G+B*51:09:01	B*40:01:11+B*51:09:02	B*40:63+B*51:31		
B*40:01:01G+B*51:09:02	B*40:106+B*52:10			
B*40:01:01G+B*51:13:01	B*40:36+B*51:01:04			
B*40:01:01G+B*51:13:02	B*40:01:06+B*51:13:01	B*40:36+B*51:01:01G		
B*40:01:01G+B*51:16	B*40:113+B*51:34			
B*40:01:01G+B*51:20	B*40:43+B*51:08			
B*40:01:01G+B*51:23	B*40:132+B*51:02:01			
B*40:01:01G+B*51:24:03	B*40:01:06+B*51:24:02			
B*40:01:01G+B*51:29	B*40:63+B*51:82	B*40:128+B*51:01:01G		
B*40:01:01G+B*51:37	B*40:33+B*51:63	B*40:38+B*51:90	B*40:52+B*51:01:01G	
B*40:01:01G+B*51:57	B*40:74+B*51:01:01G			
B*40:01:01G+B*51:63	B*40:38+B*51:01:01G			
B*40:01:01G+B*51:64	B*40:80+B*51:06			
B*40:01:01G+B*51:67	B*40:156+B*51:01:01G			
B*40:01:01G+B*51:78	B*40:47+B*78:02:02			
B*40:01:01G+B*51:82	B*40:128+B*51:16			
B*40:01:01G+B*51:85	B*40:124:01+B*51:01:16	B*40:124:02+B*51:01:01G		
B*40:01:01G+B*51:90	B*40:33+B*51:01:01G			
B*40:01:01G+B*51:92	B*40:33+B*51:13:01			
B*40:01:01G+B*51:97	B*40:38+B*51:08			
B*40:01:01G+B*51:104	B*40:106+B*52:02			
B*40:01:01G+B*51:106	B*40:48+B*51:01:01G			
B*40:01:01G+B*52:01:01G	B*40:01:06+B*52:01:05	B*40:63+B*52:08	B*40:113+B*52:11	B*40:117+B*78:05
B*40:01:01G+B*52:01:02	B*40:01:11+B*52:01:01G			
B*40:01:01G+B*52:01:04	B*40:01:05+B*52:01:02			
B*40:01:01G+B*52:06:02	B*40:07+B*52:01:02			
B*40:01:01G+B*52:12	B*40:33+B*52:01:01G			
B*40:01:01G+B*52:14	B*40:36+B*52:01:05			
B*40:01:01G+B*52:15	B*40:132+B*52:01:01G			
B*40:01:01G+B*52:20	B*40:47+B*78:05			
B*40:01:01G+B*53:16	B*40:128+B*53:05			
B*40:01:01G+B*53:21	B*40:74+B*53:01:01			
B*40:01:01G+B*54:01:01G	B*40:48+B*54:04			
B*40:01:01G+B*54:10	B*40:128+B*54:01:01G			
B*40:01:01G+B*54:12	B*40:117+B*54:01:01G			
B*40:01:01G+B*54:14	B*40:52+B*54:04			
B*40:01:01G+B*54:16	B*40:33+B*54:01:01G			
B*40:01:01G+B*55:01:01G	B*40:25+B*55:40	B*40:43+B*55:31	B*40:48+B*55:28	
B*40:01:01G+B*55:01:04	B*40:01:06+B*55:01:01G			
B*40:01:01G+B*55:02:01G	B*40:01:04+B*55:02:04	B*40:49+B*55:16	B*40:61+B*55:47	
B*40:01:01G+B*55:03	B*40:73+B*55:01:01G			
B*40:01:01G+B*55:09	B*40:128+B*55:24			
B*40:01:01G+B*55:23	B*40:33+B*55:32			
B*40:01:01G+B*55:37	B*40:128+B*55:02:01G			
B*40:01:01G+B*55:38	B*40:48+B*55:17			
B*40:01:01G+B*55:46	B*40:33+B*55:02:01G			
B*40:01:01G+B*55:47	B*40:25+B*55:34			
B*40:01:01G+B*56:01:01G	B*40:48+B*56:15	B*40:63+B*55:22		
B*40:01:01G+B*56:05:01	B*40:01:11+B*56:05:02			
B*40:01:01G+B*56:07	B*40:47+B*56:01:01G			

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B*40:01:01G+B*56:21	B*40:117+B*56:05:02		
B*40:01:01G+B*56:22	B*40:36+B*56:15		
B*40:01:01G+B*56:25	B*40:63+B*55:24		
B*40:01:01G+B*57:01:01G	B*40:01:14+B*57:01:07	B*40:52+B*57:03:01	B*40:63+B*57:25
B*40:01:01G+B*57:01:05	B*40:01:09+B*57:01:01G		
B*40:01:01G+B*57:02:01	B*40:117+B*57:12	B*40:128+B*57:03:01	
B*40:01:01G+B*57:07	B*40:132+B*57:03:01		
B*40:01:01G+B*57:10	B*40:74+B*57:01:01G		
B*40:01:01G+B*57:19	B*40:52+B*57:02:01	B*40:128+B*57:01:01G	
B*40:01:01G+B*57:21	B*40:139+B*57:01:01G		
B*40:01:01G+B*57:23	B*40:123+B*57:01:01G		
B*40:01:01G+B*57:32	B*40:124:02+B*57:03:01		
B*40:01:01G+B*57:34	B*40:156+B*57:01:01G		
B*40:01:01G+B*58:07	B*40:132+B*58:02		
B*40:01:01G+B*58:09	B*40:113+B*58:01:01G		
B*40:01:01G+B*58:14	B*40:30+B*58:16		
B*40:01:01G+B*58:18	B*40:80+B*58:16		
B*40:01:01G+B*58:22	B*40:128+B*58:01:01G		
B*40:01:01G+B*67:01:01	B*40:87+B*67:03		
B*40:01:01G+B*73:02	B*40:112+B*73:01		
B*40:01:01G+B*78:01	B*40:43+B*78:02:02		
B*40:01:01G+B*78:02:01	B*40:106+B*78:05		
B*40:01:01G+B*78:02:02	B*40:01:11+B*78:02:01		
B*40:01:03+B*51:13:02	B*40:36+B*51:01:03		
B*40:01:03+B*51:29	B*40:128+B*51:01:03		
B*40:01:03+B*51:37	B*40:52+B*51:01:03		
B*40:01:03+B*51:57	B*40:74+B*51:01:03		
B*40:01:03+B*51:63	B*40:38+B*51:01:03		
B*40:01:03+B*51:67	B*40:156+B*51:01:03		
B*40:01:03+B*51:85	B*40:124:02+B*51:01:03		
B*40:01:03+B*51:90	B*40:33+B*51:01:03		
B*40:01:03+B*51:106	B*40:48+B*51:01:03		
B*40:01:04+B*40:02:08	B*40:01:17+B*40:02:09		
B*40:01:04+B*40:02:11	B*40:01:10+B*40:02:09		
B*40:01:04+B*40:03	B*40:02:09+B*40:52		
B*40:01:04+B*40:04	B*40:64+B*40:125		
B*40:01:04+B*40:08	B*40:02:09+B*40:106		
B*40:01:04+B*40:09	B*40:02:09+B*40:42		
B*40:01:04+B*40:18	B*40:02:09+B*40:33	B*40:11:02+B*40:31	
B*40:01:04+B*40:19	B*40:02:09+B*40:117		
B*40:01:04+B*40:20	B*40:11:02+B*40:52		
B*40:01:04+B*40:40	B*40:02:09+B*40:49		
B*40:01:04+B*40:50	B*40:02:09+B*40:43		
B*40:01:04+B*40:70	B*40:06:01G+B*40:125		
B*40:01:04+B*40:105	B*40:02:09+B*40:38		
B*40:01:04+B*40:143	B*40:02:01G+B*40:100		
B*40:01:04+B*40:157	B*40:02:09+B*40:47		
B*40:01:04+B*41:07	B*40:125+B*41:01		
B*40:01:04+B*42:11	B*41:02:01+B*48:03:02		
B*40:01:04+B*44:02:10	B*40:01:11+B*44:02:07		
B*40:01:04+B*44:03:08	B*40:01:10+B*44:03:02		
B*40:01:04+B*44:12	B*40:25+B*44:02:07		
B*40:01:04+B*44:30	B*40:101+B*44:03:02		
B*40:01:04+B*44:37	B*40:63+B*44:64:01		
B*40:01:04+B*44:48	B*40:125+B*44:02:07		
B*40:01:04+B*44:110	B*40:80+B*44:03:02		
B*40:01:04+B*48:01:01G	B*40:80+B*48:03:02		
B*40:01:04+B*48:08	B*40:32+B*48:03:02		
B*40:01:04+B*48:23	B*40:52+B*48:03:02		
B*40:01:04+B*51:85	B*40:124:01+B*51:01:01G		
B*40:01:04+B*55:01:01G	B*40:125+B*55:38		
B*40:01:04+B*55:28	B*40:125+B*55:17		
B*40:01:04+B*56:01:01G	B*40:125+B*56:27		
B*40:01:04+B*56:02	B*40:125+B*56:04		
B*40:01:04+B*57:32	B*40:124:01+B*57:03:01		
B*40:01:05+B*51:01:01G	B*40:106+B*52:01:04		
B*40:01:05+B*51:07:01	B*40:25+B*52:01:04		
B*40:01:05+B*52:06:02	B*40:07+B*52:01:04		
B*40:01:06+B*44:05:01	B*40:42+B*44:62		
B*40:01:06+B*44:17	B*40:52+B*44:62		
B*40:01:06+B*51:24:01	B*40:01:14+B*51:24:04		
B*40:01:06+B*51:45	B*40:52+B*51:06		
B*40:01:06+B*51:62	B*40:48+B*51:06		
B*40:01:06+B*51:92	B*40:33+B*51:13:02	B*40:36+B*51:90	
B*40:01:06+B*52:14	B*40:36+B*52:01:01G		
B*40:01:06+B*53:06	B*40:59+B*51:06		
B*40:01:06+B*55:03	B*40:73+B*55:01:04		
B*40:01:09+B*57:10	B*40:74+B*57:01:05		
B*40:01:09+B*57:19	B*40:128+B*57:01:05		
B*40:01:09+B*57:21	B*40:139+B*57:01:05		
B*40:01:09+B*57:23	B*40:123+B*57:01:05		
B*40:01:09+B*57:34	B*40:156+B*57:01:05		
B*40:01:10+B*40:02:08	B*40:01:17+B*40:02:11		
B*40:01:10+B*40:03	B*40:02:11+B*40:52		
B*40:01:10+B*40:08	B*40:02:11+B*40:106		
B*40:01:10+B*40:09	B*40:02:11+B*40:42		
B*40:01:10+B*40:18	B*40:02:11+B*40:33		
B*40:01:10+B*40:19	B*40:02:11+B*40:117		
B*40:01:10+B*40:40	B*40:02:11+B*40:49		
B*40:01:10+B*40:50	B*40:02:11+B*40:43		
B*40:01:10+B*40:105	B*40:02:11+B*40:38		
B*40:01:10+B*40:157	B*40:02:11+B*40:47		
B*40:01:10+B*44:28:02	B*40:128+B*44:03:08		
B*40:01:10+B*44:30	B*40:101+B*44:03:08		
B*40:01:10+B*44:110	B*40:80+B*44:03:08		
B*40:01:11+B*44:12	B*40:25+B*44:02:10		
B*40:01:11+B*44:48	B*40:125+B*44:02:10		
B*40:01:11+B*52:10	B*40:113+B*52:03		
B*40:01:11+B*52:12	B*40:33+B*52:01:02		
B*40:01:11+B*52:15	B*40:132+B*52:01:02		
B*40:01:11+B*56:21	B*40:117+B*56:05:01		
B*40:01:14+B*40:35	B*40:02:01G+B*40:87		
B*40:01:14+B*40:121	B*40:14:01+B*40:87		
B*40:01:14+B*42:10	B*40:87+B*42:01:01		
B*40:01:14+B*44:02:01G	B*40:87+B*44:53		

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B*40:01:14+B*48:10	B*40:14:02+B*48:01:01G			
B*40:01:14+B*48:13	B*40:14:02+B*48:04			
B*40:01:14+B*51:01:04	B*40:87+B*51:24:01			
B*40:01:14+B*54:01:01G	B*40:72:01+B*54:22			
B*40:01:14+B*56:01:01G	B*40:87+B*56:20			
B*40:01:14+B*57:01:01G	B*40:87+B*57:31			
B*40:01:17+B*40:03	B*40:02:08+B*40:52			
B*40:01:17+B*40:08	B*40:02:08+B*40:106			
B*40:01:17+B*40:09	B*40:02:08+B*40:42			
B*40:01:17+B*40:18	B*40:02:08+B*40:33			
B*40:01:17+B*40:19	B*40:02:08+B*40:117			
B*40:01:17+B*40:40	B*40:02:08+B*40:49			
B*40:01:17+B*40:50	B*40:02:08+B*40:43			
B*40:01:17+B*40:105	B*40:02:08+B*40:38			
B*40:01:17+B*40:157	B*40:02:08+B*40:47			
B*40:01:17+B*55:23	B*40:38+B*55:27			
B*40:01:17+B*55:46	B*40:48+B*55:27			
B*40:02:01G+B*40:03	B*40:18+B*40:105			
B*40:02:01G+B*40:06:02	B*40:02:07+B*40:06:01G			
B*40:02:01G+B*40:09	B*40:18+B*40:89			
B*40:02:01G+B*40:10:02	B*40:02:04+B*40:10:01			
B*40:02:01G+B*40:11:02	B*40:02:09+B*40:11:01			
B*40:02:01G+B*40:20	B*40:03+B*40:11:01			
B*40:02:01G+B*40:31	B*40:18+B*40:80			
B*40:02:01G+B*40:32	B*40:16+B*40:18			
B*40:02:01G+B*40:44	B*40:06:01G+B*40:18			
B*40:02:01G+B*40:68	B*40:04+B*40:08			
B*40:02:01G+B*40:96	B*40:06:01G+B*40:157			
B*40:02:01G+B*40:114	B*40:11:01+B*40:45			
B*40:02:01G+B*40:120	B*40:24+B*40:64			
B*40:02:01G+B*40:121	B*40:14:01+B*40:35			
B*40:02:01G+B*40:124:01	B*40:02:09+B*40:124:02			
B*40:02:01G+B*41:03:02	B*40:11:01+B*41:02:01			
B*40:02:01G+B*41:04	B*40:24+B*41:02:01			
B*40:02:01G+B*42:01:01	B*40:40+B*42:02			
B*40:02:01G+B*42:04	B*40:06:01G+B*42:01:01			
B*40:02:01G+B*42:09	B*40:03+B*42:02			
B*40:02:01G+B*42:10	B*40:35+B*42:01:01			
B*40:02:01G+B*42:13	B*40:64+B*42:01:01			
B*40:02:01G+B*44:02:01G	B*40:09+B*44:14	B*40:35+B*44:53	B*40:40+B*44:55	B*40:89+B*44:51
	B*40:157+B*44:09			
B*40:02:01G+B*44:02:02	B*40:02:03+B*44:02:01G			
B*40:02:01G+B*44:02:07	B*40:02:09+B*44:02:01G	B*40:64+B*44:106		
B*40:02:01G+B*44:03:01G	B*40:11:01+B*44:110	B*40:37+B*44:109	B*40:89+B*44:45	B*40:157+B*44:46
B*40:02:01G+B*44:03:02	B*40:02:09+B*44:03:01G	B*40:11:02+B*44:110	B*40:64+B*44:54	
B*40:02:01G+B*44:03:08	B*40:02:11+B*44:03:01G			
B*40:02:01G+B*44:18	B*40:19+B*45:01:01G			
B*40:02:01G+B*44:20	B*40:06:01G+B*44:106			
B*40:02:01G+B*44:28:01	B*40:02:09+B*44:28:02			
B*40:02:01G+B*44:32	B*40:29+B*44:03:01G			
B*40:02:01G+B*44:41	B*40:11:01+B*44:106			
B*40:02:01G+B*44:43:01	B*40:03+B*44:77	B*40:105+B*44:107		
B*40:02:01G+B*44:47	B*40:06:01G+B*44:54			
B*40:02:01G+B*44:48	B*40:04+B*44:106			
B*40:02:01G+B*44:50	B*40:19+B*44:46			
B*40:02:01G+B*44:51	B*40:18+B*44:14			
B*40:02:01G+B*44:64:01	B*40:02:09+B*44:64:02			
B*40:02:01G+B*44:65	B*40:11:01+B*44:54			
B*40:02:01G+B*44:69	B*40:115+B*44:03:01G			
B*40:02:01G+B*44:78	B*40:107+B*44:05:01			
B*40:02:01G+B*44:95	B*40:19+B*44:09			
B*40:02:01G+B*44:107	B*40:18+B*44:77			
B*40:02:01G+B*45:08	B*40:39+B*45:10			
B*40:02:01G+B*46:01:01G	B*40:11:01+B*46:12	B*40:40+B*46:14		
B*40:02:01G+B*48:03:01	B*40:11:01+B*48:01:01G	B*40:74+B*48:13		
B*40:02:01G+B*48:03:02	B*40:02:09+B*48:03:01	B*40:11:02+B*48:01:01G		
B*40:02:01G+B*48:06	B*40:08+B*48:01:01G			
B*40:02:01G+B*48:08	B*40:98+B*48:13			
B*40:02:01G+B*48:23	B*40:03+B*48:03:01	B*40:20+B*48:01:01G		
B*40:02:01G+B*49:01:01	B*40:19+B*50:01:01			
B*40:02:01G+B*49:02	B*40:157+B*50:01:01			
B*40:02:01G+B*49:10	B*40:40+B*49:01:01			
B*40:02:01G+B*51:01:01G	B*40:02:09+B*51:01:16	B*40:05+B*51:31	B*40:06:01G+B*51:64	B*40:08+B*52:01:02
	B*40:19+B*78:02:02			
B*40:02:01G+B*51:01:02	B*40:08+B*52:01:01G	B*40:19+B*78:02:01		
B*40:02:01G+B*51:01:04	B*40:35+B*51:24:01			
B*40:02:01G+B*51:01:14	B*40:02:05+B*51:01:01G			
B*40:02:01G+B*51:02:02	B*40:08+B*52:11			
B*40:02:01G+B*51:04	B*40:64+B*51:64			
B*40:02:01G+B*51:06	B*40:11:01+B*51:64			
B*40:02:01G+B*51:09:02	B*40:08+B*52:10			
B*40:02:01G+B*51:10	B*40:06:01G+B*51:81			
B*40:02:01G+B*51:13:02	B*40:86+B*51:64			
B*40:02:01G+B*51:20	B*40:50+B*51:08			
B*40:02:01G+B*51:21	B*40:39+B*51:16			
B*40:02:01G+B*51:34	B*40:95+B*51:81			
B*40:02:01G+B*51:37	B*40:03+B*51:01:01G	B*40:18+B*51:63	B*40:105+B*51:90	
B*40:02:01G+B*51:63	B*40:105+B*51:01:01G			
B*40:02:01G+B*51:70	B*40:107+B*51:01:01G			
B*40:02:01G+B*51:78	B*40:157+B*78:02:02			
B*40:02:01G+B*51:90	B*40:18+B*51:01:01G	B*40:44+B*51:64		
B*40:02:01G+B*51:92	B*40:18+B*51:13:01			
B*40:02:01G+B*51:97	B*40:105+B*51:08			
B*40:02:01G+B*51:104	B*40:08+B*52:02			
B*40:02:01G+B*52:01:01G	B*40:19+B*78:05			
B*40:02:01G+B*52:01:02	B*40:37+B*52:09			
B*40:02:01G+B*52:12	B*40:18+B*52:01:01G			
B*40:02:01G+B*52:20	B*40:157+B*78:05			
B*40:02:01G+B*53:01:04	B*40:02:10+B*53:01:01			
B*40:02:01G+B*54:12	B*40:19+B*54:01:01G			
B*40:02:01G+B*54:14	B*40:03+B*54:04			
B*40:02:01G+B*54:16	B*40:18+B*54:01:01G			
B*40:02:01G+B*55:01:01G	B*40:39+B*55:24	B*40:50+B*55:31		
B*40:02:01G+B*55:02:01G	B*40:02:09+B*55:02:04	B*40:39+B*55:22	B*40:40+B*55:16	
B*40:02:01G+B*55:12	B*40:37+B*55:02:01G			

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B*40:02:01G+B*55:23	B*40:18+B*55:32		
B*40:02:01G+B*55:29	B*40:78+B*55:01:01G		
B*40:02:01G+B*55:41	B*40:89+B*55:02:01G		
B*40:02:01G+B*55:46	B*40:18+B*55:02:01G		
B*40:02:01G+B*56:01:01G	B*40:35+B*56:20		
B*40:02:01G+B*56:07	B*40:157+B*56:01:01G		
B*40:02:01G+B*56:21	B*40:19+B*56:05:02		
B*40:02:01G+B*56:25	B*40:05+B*55:22		
B*40:02:01G+B*56:29	B*40:145+B*56:01:01G		
B*40:02:01G+B*57:01:01G	B*40:02:04+B*57:01:09	B*40:03+B*57:03:01	B*40:35+B*57:31
B*40:02:01G+B*57:02:01	B*40:19+B*57:12		
B*40:02:01G+B*57:03:02	B*40:02:07+B*57:03:01		
B*40:02:01G+B*57:06	B*40:85+B*57:01:01G		
B*40:02:01G+B*57:19	B*40:03+B*57:02:01		
B*40:02:01G+B*57:22	B*40:05+B*57:25		
B*40:02:01G+B*57:26	B*40:39+B*57:25		
B*40:02:01G+B*58:01:01G	B*40:64+B*58:18		
B*40:02:01G+B*58:16	B*40:11:01+B*58:18		
B*40:02:01G+B*58:23	B*40:78+B*58:01:01G		
B*40:02:01G+B*78:01	B*40:50+B*78:02:02		
B*40:02:01G+B*78:02:01	B*40:08+B*78:05		
B*40:02:01G+B*78:06	B*40:37+B*78:05		
B*40:02:03+B*44:02:07	B*40:02:09+B*44:02:02		
B*40:02:05+B*51:37	B*40:03+B*51:01:14		
B*40:02:05+B*51:63	B*40:105+B*51:01:14		
B*40:02:05+B*51:70	B*40:107+B*51:01:14		
B*40:02:05+B*51:90	B*40:18+B*51:01:14		
B*40:02:07+B*40:44	B*40:06:02+B*40:18		
B*40:02:07+B*40:96	B*40:06:02+B*40:157		
B*40:02:07+B*42:04	B*40:06:02+B*42:01:01		
B*40:02:07+B*44:20	B*40:06:02+B*44:106		
B*40:02:07+B*44:47	B*40:06:02+B*44:54		
B*40:02:07+B*51:01:01G	B*40:06:02+B*51:64		
B*40:02:07+B*51:10	B*40:06:02+B*51:81		
B*40:02:07+B*57:01:01G	B*40:03+B*57:03:02		
B*40:02:08+B*49:05	B*40:89+B*49:04		
B*40:02:08+B*55:23	B*40:105+B*55:27		
B*40:02:09+B*40:20	B*40:03+B*40:11:02		
B*40:02:09+B*40:114	B*40:11:02+B*40:45		
B*40:02:09+B*41:03:02	B*40:11:02+B*41:02:01		
B*40:02:09+B*44:03:08	B*40:02:11+B*44:03:02		
B*40:02:09+B*44:32	B*40:29+B*44:03:02		
B*40:02:09+B*44:41	B*40:11:02+B*44:106		
B*40:02:09+B*44:65	B*40:11:02+B*44:54		
B*40:02:09+B*44:69	B*40:115+B*44:03:02		
B*40:02:09+B*46:01:01G	B*40:11:02+B*46:12		
B*40:02:09+B*48:23	B*40:03+B*48:03:02		
B*40:02:09+B*51:06	B*40:11:02+B*51:64		
B*40:02:09+B*51:56	B*40:04+B*51:64	B*40:28+B*51:81	
B*40:02:09+B*58:16	B*40:11:02+B*58:18		
B*40:02:10+B*53:23	B*40:50+B*53:01:04		
B*40:02:11+B*44:32	B*40:29+B*44:03:08		
B*40:02:11+B*44:69	B*40:115+B*44:03:08		
B*40:03+B*40:06:01G	B*40:44+B*40:105		
B*40:03+B*40:16	B*40:32+B*40:105		
B*40:03+B*40:33	B*40:18+B*40:52	B*40:20+B*40:31	
B*40:03+B*40:38	B*40:52+B*40:105		
B*40:03+B*40:42	B*40:09+B*40:52		
B*40:03+B*40:43	B*40:50+B*40:52		
B*40:03+B*40:47	B*40:52+B*40:157		
B*40:03+B*40:49	B*40:40+B*40:52		
B*40:03+B*40:80	B*40:31+B*40:105		
B*40:03+B*40:89	B*40:09+B*40:105		
B*40:03+B*40:106	B*40:08+B*40:52		
B*40:03+B*40:114	B*40:20+B*40:45		
B*40:03+B*40:117	B*40:19+B*40:52		
B*40:03+B*41:03:02	B*40:20+B*41:02:01		
B*40:03+B*42:01:01	B*40:40+B*42:09		
B*40:03+B*44:03:01G	B*40:20+B*44:110		
B*40:03+B*44:05:01	B*40:09+B*44:17		
B*40:03+B*44:14	B*40:105+B*44:51		
B*40:03+B*44:41	B*40:20+B*44:106		
B*40:03+B*44:65	B*40:20+B*44:54		
B*40:03+B*44:107	B*40:18+B*44:43:01		
B*40:03+B*46:01:01G	B*40:20+B*46:12		
B*40:03+B*51:06	B*40:20+B*51:64		
B*40:03+B*51:08	B*40:18+B*51:97		
B*40:03+B*51:13:01	B*40:105+B*51:92		
B*40:03+B*51:63	B*40:105+B*51:37		
B*40:03+B*51:70	B*40:107+B*51:37		
B*40:03+B*51:90	B*40:18+B*51:37		
B*40:03+B*52:01:01G	B*40:105+B*52:12		
B*40:03+B*54:01:01G	B*40:105+B*54:16		
B*40:03+B*55:02:01G	B*40:105+B*55:46		
B*40:03+B*55:32	B*40:105+B*55:23		
B*40:03+B*58:16	B*40:20+B*58:18		
B*40:04+B*40:06:01G	B*40:64+B*40:70		
B*40:04+B*40:49	B*40:74+B*40:129		
B*40:04+B*40:110	B*40:96+B*40:129		
B*40:04+B*41:01	B*40:64+B*41:07		
B*40:04+B*42:04	B*40:70+B*42:13		
B*40:04+B*44:02:07	B*40:64+B*44:48		
B*40:04+B*44:03:01G	B*40:129+B*44:103		
B*40:04+B*44:20	B*40:06:01G+B*44:48	B*40:70+B*44:02:07	
B*40:04+B*44:41	B*40:11:01+B*44:48		
B*40:04+B*44:47	B*40:70+B*44:03:02		
B*40:04+B*48:06	B*40:68+B*48:01:01G		
B*40:04+B*51:01:01G	B*40:28+B*51:10	B*40:68+B*52:01:02	B*40:70+B*51:04
B*40:04+B*51:01:02	B*40:68+B*52:01:01G		
B*40:04+B*51:01:16	B*40:06:01G+B*51:56		
B*40:04+B*51:02:02	B*40:68+B*52:11		
B*40:04+B*51:06	B*40:11:02+B*51:56		
B*40:04+B*51:09:02	B*40:68+B*52:10		
B*40:04+B*51:104	B*40:68+B*52:02		
B*40:04+B*54:01:01G	B*40:129+B*54:02		

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B*40:04+B*55:17	B*40:64+B*55:28	
B*40:04+B*55:38	B*40:64+B*55:01:01G	
B*40:04+B*56:04	B*40:64+B*56:02	
B*40:04+B*56:27	B*40:64+B*56:01:01G	
B*40:04+B*58:16	B*40:99+B*58:26	
B*40:04+B*78:02:01	B*40:68+B*78:05	
B*40:05+B*44:04	B*40:39+B*44:76	
B*40:05+B*46:21:01	B*40:39+B*46:08	
B*40:05+B*51:16	B*40:148+B*51:64	
B*40:05+B*51:93	B*40:91+B*51:02:02	
B*40:05+B*55:02:01G	B*40:39+B*56:25	
B*40:05+B*57:26	B*40:39+B*57:22	
B*40:06:01G+B*40:09	B*40:44+B*40:89	
B*40:06:01G+B*40:19	B*40:37+B*40:109	
B*40:06:01G+B*40:31	B*40:44+B*40:80	
B*40:06:01G+B*40:32	B*40:16+B*40:44	B*40:53+B*40:98
B*40:06:01G+B*40:52	B*40:38+B*40:44	
B*40:06:01G+B*41:07	B*40:70+B*41:01	
B*40:06:01G+B*42:06	B*40:86+B*42:01:01	
B*40:06:01G+B*42:10	B*40:35+B*42:04	
B*40:06:01G+B*42:13	B*40:64+B*42:04	
B*40:06:01G+B*44:02:01G	B*40:96+B*44:09	
B*40:06:01G+B*44:02:07	B*40:64+B*44:20	
B*40:06:01G+B*44:03:01G	B*40:96+B*44:46	
B*40:06:01G+B*44:03:02	B*40:64+B*44:47	
B*40:06:01G+B*44:25	B*40:109+B*44:75	
B*40:06:01G+B*44:41	B*40:11:01+B*44:20	
B*40:06:01G+B*44:51	B*40:44+B*44:14	
B*40:06:01G+B*44:65	B*40:11:01+B*44:47	
B*40:06:01G+B*44:76	B*40:148+B*44:28:02	
B*40:06:01G+B*44:79	B*40:148+B*44:03:01G	
B*40:06:01G+B*44:107	B*40:44+B*44:77	
B*40:06:01G+B*46:01:01G	B*40:148+B*46:09	
B*40:06:01G+B*46:08	B*40:148+B*46:13:03	
B*40:06:01G+B*48:07	B*40:86+B*48:01:01G	
B*40:06:01G+B*48:15	B*40:148+B*48:01:01G	
B*40:06:01G+B*48:18	B*40:109+B*48:01:01G	
B*40:06:01G+B*49:01:01	B*40:148+B*49:11	
B*40:06:01G+B*49:02	B*40:96+B*50:01:01	
B*40:06:01G+B*51:01:01G	B*40:53+B*51:57	B*40:148+B*51:09:01
B*40:06:01G+B*51:01:02	B*40:148+B*51:09:02	
B*40:06:01G+B*51:04	B*40:64+B*51:01:01G	
B*40:06:01G+B*51:06	B*40:11:01+B*51:01:01G	B*40:11:02+B*51:01:16
B*40:06:01G+B*51:13:01	B*40:86+B*51:01:04	
B*40:06:01G+B*51:13:02	B*40:86+B*51:01:01G	
B*40:06:01G+B*51:16	B*40:148+B*51:31	
B*40:06:01G+B*51:22	B*40:75+B*51:07:01	
B*40:06:01G+B*51:34	B*40:95+B*51:10	
B*40:06:01G+B*51:37	B*40:44+B*51:63	
B*40:06:01G+B*51:45	B*40:20+B*51:01:04	
B*40:06:01G+B*51:59	B*40:11:01+B*51:02:01	
B*40:06:01G+B*51:78	B*40:96+B*78:02:02	
B*40:06:01G+B*51:90	B*40:44+B*51:01:01G	
B*40:06:01G+B*51:92	B*40:44+B*51:13:01	
B*40:06:01G+B*52:01:01G	B*40:109+B*78:06	B*40:148+B*52:10
B*40:06:01G+B*52:12	B*40:44+B*52:01:01G	
B*40:06:01G+B*52:14	B*40:86+B*52:01:05	
B*40:06:01G+B*52:20	B*40:96+B*78:05	
B*40:06:01G+B*53:08:01	B*40:148+B*53:01:01	
B*40:06:01G+B*53:08:02	B*40:148+B*53:01:03	
B*40:06:01G+B*54:16	B*40:44+B*54:01:01G	
B*40:06:01G+B*54:20	B*40:148+B*54:10	
B*40:06:01G+B*55:01:01G	B*40:70+B*55:38	B*40:148+B*55:02:01G
B*40:06:01G+B*55:23	B*40:44+B*55:32	
B*40:06:01G+B*55:24	B*40:148+B*55:22	
B*40:06:01G+B*55:28	B*40:70+B*55:17	
B*40:06:01G+B*55:46	B*40:44+B*55:02:01G	
B*40:06:01G+B*56:01:01G	B*40:70+B*56:27	
B*40:06:01G+B*56:02	B*40:11:01+B*56:01:01G	B*40:70+B*56:04
B*40:06:01G+B*56:04	B*40:11:01+B*56:27	
B*40:06:01G+B*56:07	B*40:96+B*56:01:01G	
B*40:06:01G+B*56:10	B*40:11:01+B*55:02:01G	B*40:11:02+B*55:02:04
B*40:06:01G+B*56:22	B*40:86+B*56:15	
B*40:06:01G+B*56:25	B*40:148+B*56:01:01G	
B*40:06:01G+B*57:01:01G	B*40:53+B*57:10	
B*40:06:01G+B*57:03:02	B*40:06:02+B*57:03:01	
B*40:06:01G+B*57:22	B*40:148+B*57:01:01G	
B*40:06:01G+B*58:06	B*40:148+B*58:02	
B*40:06:01G+B*58:19	B*40:148+B*58:01:01G	
B*40:07+B*44:12	B*40:106+B*44:02:01G	
B*40:07+B*46:01:01G	B*40:61+B*46:16	
B*40:07+B*51:01:01G	B*40:106+B*52:06:02	
B*40:07+B*55:01:01G	B*40:106+B*55:40	
B*40:07+B*55:47	B*40:106+B*55:34	
B*40:07+B*81:01:01G	B*40:61+B*81:05	
B*40:08+B*40:33	B*40:18+B*40:106	
B*40:08+B*40:38	B*40:105+B*40:106	
B*40:08+B*40:42	B*40:09+B*40:106	
B*40:08+B*40:43	B*40:50+B*40:106	
B*40:08+B*40:47	B*40:106+B*40:157	
B*40:08+B*40:49	B*40:40+B*40:106	
B*40:08+B*40:117	B*40:13+B*40:25	B*40:19+B*40:106
B*40:08+B*44:48	B*40:68+B*44:106	
B*40:08+B*48:03:01	B*40:11:01+B*48:06	
B*40:08+B*48:03:02	B*40:11:02+B*48:06	
B*40:08+B*48:23	B*40:20+B*48:06	
B*40:08+B*52:06:02	B*40:13+B*78:02:02	
B*40:08+B*52:12	B*40:18+B*51:01:02	
B*40:08+B*52:20	B*40:157+B*78:02:01	
B*40:08+B*78:06	B*40:37+B*78:02:01	
B*40:09+B*40:16	B*40:32+B*40:89	
B*40:09+B*40:33	B*40:18+B*40:42	
B*40:09+B*40:38	B*40:42+B*40:105	B*40:52+B*40:89
B*40:09+B*40:43	B*40:42+B*40:50	
B*40:09+B*40:47	B*40:42+B*40:157	

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B*40:09+B*40:49	B*40:40+B*40:42	
B*40:09+B*40:80	B*40:31+B*40:89	
B*40:09+B*40:117	B*40:19+B*40:42	
B*40:09+B*44:45	B*40:18+B*44:03:01G	
B*40:09+B*44:51	B*40:18+B*44:02:01G	
B*40:09+B*44:77	B*40:89+B*44:107	
B*40:09+B*51:01:01G	B*40:89+B*51:90	
B*40:09+B*51:13:01	B*40:89+B*51:92	
B*40:09+B*51:63	B*40:89+B*51:37	
B*40:09+B*52:01:01G	B*40:89+B*52:12	
B*40:09+B*54:01:01G	B*40:89+B*54:16	
B*40:09+B*55:02:01G	B*40:18+B*55:41	B*40:89+B*55:46
B*40:09+B*55:32	B*40:89+B*55:23	
B*40:10:01+B*41:01	B*40:49+B*41:12	
B*40:10:01+B*57:01:01G	B*40:10:02+B*57:01:09	
B*40:10:02+B*44:08	B*40:21+B*44:02:01G	
B*40:10:02+B*44:57	B*40:21+B*44:03:01G	
B*40:10:02+B*51:103	B*40:74+B*51:01:02	
B*40:11:01+B*40:59	B*40:38+B*40:120	
B*40:11:01+B*40:124:01	B*40:11:02+B*40:124:02	
B*40:11:01+B*40:137	B*40:21+B*40:64	
B*40:11:01+B*41:04	B*40:24+B*41:03:02	
B*40:11:01+B*42:09	B*40:20+B*42:02	
B*40:11:01+B*44:02:07	B*40:11:02+B*44:02:01G	B*40:64+B*44:41
B*40:11:01+B*44:03:02	B*40:11:02+B*44:03:01G	B*40:64+B*44:65
B*40:11:01+B*44:28:01	B*40:11:02+B*44:28:02	
B*40:11:01+B*44:43:01	B*40:20+B*44:77	
B*40:11:01+B*44:64:01	B*40:11:02+B*44:64:02	
B*40:11:01+B*48:03:02	B*40:11:02+B*48:03:01	
B*40:11:01+B*48:23	B*40:20+B*48:03:01	
B*40:11:01+B*51:04	B*40:64+B*51:06	
B*40:11:01+B*51:13:02	B*40:86+B*51:06	
B*40:11:01+B*51:37	B*40:20+B*51:01:01G	
B*40:11:01+B*51:90	B*40:44+B*51:06	
B*40:11:01+B*54:14	B*40:20+B*54:04	B*40:70+B*54:09
B*40:11:01+B*55:01:01G	B*40:148+B*56:10	
B*40:11:01+B*55:23	B*40:70+B*56:18	
B*40:11:01+B*55:46	B*40:44+B*56:10	
B*40:11:01+B*56:07	B*40:96+B*56:02	
B*40:11:01+B*56:25	B*40:148+B*56:02	
B*40:11:01+B*57:01:01G	B*40:20+B*57:03:01	
B*40:11:01+B*57:19	B*40:20+B*57:02:01	
B*40:11:01+B*58:01:01G	B*40:64+B*58:16	
B*40:11:02+B*48:23	B*40:20+B*48:03:02	
B*40:13+B*51:07:01	B*40:19+B*51:01:01G	
B*40:13+B*51:07:02	B*40:19+B*51:01:02	
B*40:13+B*52:01:02	B*40:19+B*52:06:02	
B*40:13+B*53:09	B*40:19+B*53:13	B*40:157+B*53:01:01
B*40:14:01+B*40:72:02	B*40:14:03+B*40:72:01	
B*40:14:01+B*40:80	B*40:45+B*40:72:01	
B*40:14:01+B*42:10	B*40:121+B*42:01:01	
B*40:14:01+B*44:02:01G	B*40:121+B*44:53	B*40:136+B*44:03:01G
B*40:14:01+B*44:02:07	B*40:136+B*44:03:02	
B*40:14:01+B*44:02:09	B*40:14:02+B*44:02:01G	
B*40:14:01+B*44:06	B*40:136+B*51:42	
B*40:14:01+B*44:08	B*40:136+B*44:57	
B*40:14:01+B*44:09	B*40:136+B*44:46	
B*40:14:01+B*44:16	B*40:136+B*44:64:02	
B*40:14:01+B*44:17	B*40:136+B*44:43:01	
B*40:14:01+B*44:20	B*40:136+B*44:47	
B*40:14:01+B*44:22	B*40:136+B*44:105	
B*40:14:01+B*44:41	B*40:136+B*44:65	
B*40:14:01+B*44:44	B*40:136+B*44:40	
B*40:14:01+B*44:51	B*40:136+B*44:45	
B*40:14:01+B*44:67	B*40:136+B*44:13	
B*40:14:01+B*44:89	B*40:136+B*44:29	
B*40:14:01+B*44:91	B*40:136+B*44:37	
B*40:14:01+B*44:95	B*40:136+B*44:50	
B*40:14:01+B*44:106	B*40:136+B*44:54	
B*40:14:01+B*46:01:01G	B*40:14:02+B*46:01:03	
B*40:14:01+B*46:13:03	B*40:14:02+B*46:13:01	
B*40:14:01+B*46:21:01	B*40:14:02+B*46:21:02	
B*40:14:01+B*51:01:04	B*40:121+B*51:24:01	
B*40:14:01+B*51:08	B*40:136+B*51:09:01	
B*40:14:01+B*51:24:02	B*40:14:03+B*51:24:01	
B*40:14:01+B*51:24:03	B*40:14:02+B*51:24:04	
B*40:14:01+B*52:19	B*40:136+B*52:10	
B*40:14:01+B*53:01:03	B*40:14:02+B*53:01:01	
B*40:14:01+B*53:08:02	B*40:14:02+B*53:08:01	
B*40:14:01+B*56:01:01G	B*40:121+B*56:20	
B*40:14:01+B*56:01:03	B*40:14:02+B*56:01:01G	
B*40:14:01+B*56:13	B*40:136+B*56:01:01G	
B*40:14:01+B*57:01:01G	B*40:121+B*57:31	
B*40:14:01+B*57:24	B*40:136+B*57:01:01G	
B*40:14:01+B*58:01:05	B*40:14:02+B*58:01:01G	
B*40:14:02+B*51:01:09	B*40:14:03+B*51:01:02	
B*40:14:02+B*56:13	B*40:136+B*56:01:03	
B*40:14:02+B*57:01:07	B*40:14:03+B*57:01:01G	
B*40:14:03+B*40:80	B*40:45+B*40:72:02	
B*40:14:03+B*42:11	B*41:03:02+B*48:10	
B*40:14:03+B*48:06	B*40:106+B*48:10	
B*40:14:03+B*48:07	B*40:36+B*48:10	
B*40:14:03+B*48:12	B*40:121+B*48:10	
B*40:14:03+B*51:01:01G	B*40:121+B*51:24:03	
B*40:14:03+B*51:01:04	B*40:121+B*51:24:02	
B*40:14:03+B*51:36	B*41:08+B*51:34	
B*40:16+B*40:31	B*40:32+B*40:80	
B*40:16+B*40:52	B*40:32+B*40:38	
B*40:16+B*44:51	B*40:32+B*44:14	
B*40:16+B*44:107	B*40:32+B*44:77	
B*40:16+B*48:23	B*40:38+B*48:08	
B*40:16+B*51:37	B*40:32+B*51:63	
B*40:16+B*51:90	B*40:32+B*51:01:01G	
B*40:16+B*51:92	B*40:32+B*51:13:01	
B*40:16+B*52:12	B*40:32+B*52:01:01G	

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B*40:16+B*54:16	B*40:32+B*54:01:01G	
B*40:16+B*55:23	B*40:32+B*55:32	
B*40:16+B*55:46	B*40:32+B*55:02:01G	
B*40:18+B*40:43	B*40:33+B*40:50	
B*40:18+B*40:47	B*40:33+B*40:157	
B*40:18+B*40:49	B*40:33+B*40:40	
B*40:18+B*40:96	B*40:44+B*40:157	
B*40:18+B*40:117	B*40:19+B*40:33	
B*40:18+B*42:04	B*40:44+B*42:01:01	
B*40:18+B*44:20	B*40:44+B*44:106	
B*40:18+B*44:47	B*40:44+B*44:54	
B*40:18+B*51:10	B*40:44+B*51:81	
B*40:18+B*51:70	B*40:107+B*51:90	
B*40:18+B*54:12	B*40:19+B*54:16	
B*40:18+B*55:12	B*40:37+B*55:46	
B*40:19+B*40:38	B*40:105+B*40:117	
B*40:19+B*40:43	B*40:50+B*40:117	
B*40:19+B*40:47	B*40:117+B*40:157	
B*40:19+B*40:49	B*40:40+B*40:117	
B*40:19+B*44:02:01G	B*40:157+B*44:95	
B*40:19+B*44:03:01G	B*40:157+B*44:50	
B*40:19+B*44:05:01	B*40:157+B*44:25	
B*40:19+B*44:75	B*40:37+B*44:25	
B*40:19+B*48:01:01G	B*40:37+B*48:18	
B*40:19+B*49:02	B*40:157+B*49:01:01	
B*40:19+B*51:54	B*40:157+B*51:05	
B*40:19+B*51:78	B*40:96+B*51:64	B*40:157+B*51:01:01G
B*40:19+B*52:20	B*40:157+B*52:01:01G	
B*40:19+B*53:11	B*40:157+B*53:24	
B*40:19+B*53:12	B*40:157+B*53:05	
B*40:19+B*78:01	B*40:50+B*51:01:01G	
B*40:19+B*78:03	B*40:50+B*51:22	
B*40:19+B*78:06	B*40:37+B*52:01:01G	
B*40:19+B*78:07	B*40:50+B*51:21	
B*40:20+B*51:13:01	B*40:86+B*51:45	
B*40:20+B*55:17	B*40:148+B*56:18	
B*40:21+B*44:02:07	B*40:137+B*44:41	
B*40:21+B*44:03:02	B*40:137+B*44:65	
B*40:21+B*51:04	B*40:137+B*51:06	
B*40:21+B*58:01:01G	B*40:137+B*58:16	
B*40:23+B*44:03:01G	B*40:114+B*44:76	
B*40:23+B*44:110	B*40:45+B*44:76	
B*40:23+B*46:21:01	B*40:114+B*46:03	
B*40:23+B*51:09:01	B*40:114+B*51:29	
B*40:23+B*51:31	B*40:114+B*51:82	
B*40:23+B*54:01:01G	B*40:114+B*54:20	
B*40:23+B*55:22	B*40:114+B*55:09	
B*40:24+B*42:13	B*40:120+B*42:01:01	
B*40:24+B*44:02:07	B*40:120+B*44:106	
B*40:24+B*44:03:02	B*40:120+B*44:54	
B*40:24+B*51:04	B*40:120+B*51:64	
B*40:24+B*53:01:01	B*40:120+B*53:14	
B*40:24+B*58:01:01G	B*40:120+B*58:18	
B*40:25+B*44:48	B*40:125+B*44:12	
B*40:25+B*51:01:01G	B*40:106+B*51:07:01	
B*40:25+B*51:01:02	B*40:106+B*51:07:02	
B*40:25+B*52:12	B*40:33+B*51:07:02	
B*40:25+B*52:15	B*40:132+B*51:07:02	
B*40:25+B*53:13	B*40:106+B*53:09	
B*40:29+B*44:69	B*40:115+B*44:32	
B*40:30+B*58:18	B*40:80+B*58:14	
B*40:31+B*40:38	B*40:52+B*40:80	
B*40:31+B*40:114	B*40:33+B*40:45	
B*40:31+B*41:03:02	B*40:33+B*41:02:01	
B*40:31+B*44:03:01G	B*40:33+B*44:110	
B*40:31+B*44:14	B*40:80+B*44:51	
B*40:31+B*44:41	B*40:33+B*44:106	
B*40:31+B*44:65	B*40:33+B*44:54	
B*40:31+B*44:77	B*40:80+B*44:107	
B*40:31+B*46:01:01G	B*40:33+B*46:12	
B*40:31+B*48:03:01	B*40:33+B*48:01:01G	
B*40:31+B*51:01:01G	B*40:80+B*51:90	
B*40:31+B*51:06	B*40:33+B*51:64	
B*40:31+B*51:13:01	B*40:80+B*51:92	
B*40:31+B*51:63	B*40:80+B*51:37	
B*40:31+B*52:01:01G	B*40:80+B*52:12	
B*40:31+B*54:01:01G	B*40:80+B*54:16	
B*40:31+B*55:02:01G	B*40:80+B*55:46	
B*40:31+B*55:32	B*40:80+B*55:23	
B*40:31+B*58:16	B*40:33+B*58:18	
B*40:32+B*42:11	B*41:02:01+B*48:08	
B*40:32+B*48:01:01G	B*40:80+B*48:08	
B*40:32+B*48:23	B*40:52+B*48:08	
B*40:32+B*51:57	B*40:98+B*51:01:01G	
B*40:32+B*53:21	B*40:98+B*53:01:01	
B*40:32+B*57:10	B*40:98+B*57:01:01G	
B*40:33+B*40:86	B*40:36+B*40:44	
B*40:33+B*40:93	B*40:44+B*40:46	
B*40:33+B*40:96	B*40:44+B*40:47	
B*40:33+B*44:02:01G	B*40:42+B*44:51	
B*40:33+B*44:03:01G	B*40:42+B*44:45	
B*40:33+B*44:43:01	B*40:52+B*44:107	
B*40:33+B*51:01:02	B*40:106+B*52:12	
B*40:33+B*51:29	B*40:128+B*51:90	
B*40:33+B*51:37	B*40:52+B*51:90	
B*40:33+B*51:57	B*40:74+B*51:90	
B*40:33+B*51:67	B*40:156+B*51:90	
B*40:33+B*51:85	B*40:124:02+B*51:90	
B*40:33+B*51:97	B*40:52+B*51:08	
B*40:33+B*51:106	B*40:48+B*51:90	
B*40:33+B*52:15	B*40:132+B*52:12	
B*40:33+B*54:10	B*40:128+B*54:16	
B*40:33+B*54:12	B*40:117+B*54:16	
B*40:33+B*55:37	B*40:128+B*55:46	
B*40:33+B*55:41	B*40:42+B*55:02:01G	

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B*40:35+B*42:13	B*40:64+B*42:10	
B*40:36+B*40:93	B*40:46+B*40:86	
B*40:36+B*40:96	B*40:47+B*40:86	
B*40:36+B*40:121	B*40:77+B*40:114	
B*40:36+B*42:11	B*41:03:02+B*48:07	
B*40:36+B*45:01:01G	B*40:48+B*45:02	
B*40:36+B*48:06	B*40:106+B*48:07	
B*40:36+B*48:12	B*40:121+B*48:07	
B*40:36+B*50:01:01	B*40:48+B*50:09	
B*40:36+B*51:29	B*40:128+B*51:13:02	
B*40:36+B*51:37	B*40:52+B*51:13:02	
B*40:36+B*51:57	B*40:74+B*51:13:02	
B*40:36+B*51:63	B*40:38+B*51:13:02	
B*40:36+B*51:67	B*40:156+B*51:13:02	
B*40:36+B*51:85	B*40:124:02+B*51:13:02	
B*40:36+B*51:106	B*40:48+B*51:13:02	
B*40:36+B*53:01:01	B*40:38+B*53:04	
B*40:36+B*54:04	B*40:77+B*54:11	
B*40:36+B*55:02:01G	B*40:48+B*55:13	
B*40:36+B*55:23	B*40:52+B*55:13	
B*40:36+B*55:32	B*40:38+B*55:13	
B*40:36+B*56:01:01G	B*40:48+B*56:22	
B*40:36+B*56:09	B*40:38+B*56:11	
B*40:36+B*59:01	B*40:48+B*59:03	
B*40:37+B*44:05:01	B*40:157+B*44:75	
B*40:37+B*44:15	B*40:157+B*45:01:01G	
B*40:37+B*52:20	B*40:157+B*78:06	
B*40:37+B*55:41	B*40:89+B*55:12	
B*40:38+B*40:40	B*40:49+B*40:105	
B*40:38+B*40:50	B*40:43+B*40:105	
B*40:38+B*40:157	B*40:47+B*40:105	
B*40:38+B*44:51	B*40:52+B*44:14	
B*40:38+B*51:20	B*40:43+B*51:97	
B*40:38+B*51:29	B*40:128+B*51:63	
B*40:38+B*51:37	B*40:52+B*51:63	
B*40:38+B*51:57	B*40:74+B*51:63	
B*40:38+B*51:67	B*40:156+B*51:63	
B*40:38+B*51:85	B*40:124:02+B*51:63	
B*40:38+B*51:92	B*40:52+B*51:13:01	
B*40:38+B*51:106	B*40:48+B*51:63	
B*40:38+B*52:12	B*40:52+B*52:01:01G	
B*40:38+B*54:16	B*40:48+B*54:14	B*40:52+B*54:01:01G
B*40:38+B*55:02:01G	B*40:48+B*55:32	
B*40:38+B*55:23	B*40:52+B*55:32	
B*40:38+B*55:46	B*40:48+B*55:23	B*40:52+B*55:02:01G
B*40:40+B*40:43	B*40:49+B*40:50	
B*40:40+B*40:47	B*40:49+B*40:157	
B*40:40+B*48:22	B*40:80+B*48:13	
B*40:42+B*44:17	B*40:52+B*44:05:01	
B*40:43+B*40:157	B*40:47+B*40:50	
B*40:43+B*51:01:01G	B*40:117+B*78:01	
B*40:43+B*51:21	B*40:117+B*78:07	
B*40:43+B*51:22	B*40:117+B*78:03	
B*40:43+B*51:78	B*40:47+B*78:01	
B*40:43+B*53:02	B*40:113+B*53:23	
B*40:43+B*53:21	B*40:74+B*53:23	
B*40:43+B*53:24	B*40:128+B*53:23	
B*40:44+B*51:04	B*40:64+B*51:90	
B*40:44+B*51:13:02	B*40:86+B*51:90	
B*40:44+B*55:01:01G	B*40:148+B*55:46	
B*40:45+B*41:03:02	B*40:114+B*41:02:01	
B*40:45+B*44:03:01G	B*40:114+B*44:110	
B*40:45+B*44:41	B*40:114+B*44:106	
B*40:45+B*44:65	B*40:114+B*44:54	
B*40:45+B*46:01:01G	B*40:114+B*46:12	
B*40:45+B*48:03:01	B*40:114+B*48:01:01G	
B*40:45+B*51:06	B*40:114+B*51:64	
B*40:45+B*58:16	B*40:114+B*58:18	
B*40:46+B*40:96	B*40:47+B*40:93	
B*40:47+B*44:25	B*40:117+B*44:05:01	
B*40:47+B*44:50	B*40:117+B*44:03:01G	
B*40:47+B*44:95	B*40:117+B*44:02:01G	
B*40:47+B*46:17	B*44:31+B*46:14	
B*40:47+B*49:01:01	B*40:117+B*49:02	
B*40:47+B*50:02	B*40:132+B*49:02	
B*40:47+B*51:01:01G	B*40:117+B*51:78	
B*40:47+B*51:05	B*40:117+B*51:54	
B*40:47+B*52:01:01G	B*40:117+B*52:20	
B*40:47+B*53:01:01	B*40:117+B*53:13	
B*40:47+B*53:05	B*40:117+B*53:12	
B*40:47+B*53:24	B*40:117+B*53:11	
B*40:47+B*78:02:01	B*40:106+B*52:20	
B*40:48+B*51:29	B*40:128+B*51:106	
B*40:48+B*51:37	B*40:52+B*51:106	
B*40:48+B*51:45	B*40:52+B*51:62	
B*40:48+B*51:57	B*40:74+B*51:106	
B*40:48+B*51:67	B*40:156+B*51:106	
B*40:48+B*51:85	B*40:124:02+B*51:106	
B*40:48+B*53:06	B*40:59+B*51:62	
B*40:48+B*56:09	B*40:59+B*56:04	
B*40:49+B*40:96	B*40:74+B*40:110	
B*40:49+B*42:09	B*40:52+B*42:01:01	
B*40:49+B*44:103	B*40:74+B*44:03:01G	
B*40:49+B*49:09	B*40:113+B*49:10	
B*40:49+B*54:02	B*40:74+B*54:01:01G	
B*40:50+B*51:78	B*40:157+B*78:01	
B*40:50+B*51:97	B*40:105+B*51:20	
B*40:52+B*42:11	B*41:02:01+B*48:23	
B*40:52+B*48:01:01G	B*40:80+B*48:23	
B*40:52+B*51:29	B*40:128+B*51:37	
B*40:52+B*51:57	B*40:74+B*51:37	
B*40:52+B*51:67	B*40:156+B*51:37	
B*40:52+B*51:85	B*40:124:02+B*51:37	
B*40:52+B*53:06	B*40:59+B*51:45	
B*40:52+B*57:07	B*40:132+B*57:01:01G	

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B*40:52+B*57:32	B*40:124:02+B*57:01:01G
B*40:53+B*44:31	B*40:110+B*40:132
B*40:63+B*42:08	B*40:92+B*42:05:01
B*40:63+B*48:04	B*40:92+B*48:01:01G
B*40:63+B*48:13	B*40:92+B*48:10
B*40:63+B*55:09	B*40:128+B*56:25
B*40:64+B*41:04	B*40:120+B*41:02:01
B*40:64+B*51:13:02	B*40:86+B*51:04
B*40:70+B*56:11	B*40:120+B*56:22
B*40:72:01+B*51:13:01	B*40:77+B*51:24:01
B*40:72:01+B*51:24:02	B*40:72:02+B*51:24:01
B*40:72:01+B*59:03	B*40:77+B*59:02
B*40:72:02+B*51:13:01	B*40:77+B*51:24:02
B*40:72:02+B*51:13:02	B*40:77+B*51:24:03
B*40:74+B*48:08	B*40:98+B*48:03:01
B*40:74+B*51:29	B*40:128+B*51:57
B*40:74+B*51:67	B*40:156+B*51:57
B*40:74+B*51:85	B*40:124:02+B*51:57
B*40:74+B*53:02	B*40:113+B*53:21
B*40:74+B*53:24	B*40:128+B*53:21
B*40:74+B*57:19	B*40:128+B*57:10
B*40:74+B*57:21	B*40:139+B*57:10
B*40:74+B*57:23	B*40:123+B*57:10
B*40:74+B*57:34	B*40:156+B*57:10
B*40:80+B*42:01:01	B*41:02:01+B*81:01:01G
B*40:80+B*42:11	B*41:02:01+B*48:01:01G
B*40:80+B*42:14	B*41:15+B*81:01:01G
B*40:80+B*44:28:02	B*40:128+B*44:110
B*40:80+B*44:30	B*40:101+B*44:110
B*40:80+B*46:17	B*40:132+B*46:12
B*40:83+B*44:44	B*40:93+B*44:84
B*40:86+B*48:15	B*40:148+B*48:07
B*40:86+B*48:18	B*40:109+B*48:07
B*40:86+B*55:28	B*40:148+B*55:13
B*40:89+B*44:17	B*40:105+B*44:05:01
B*40:95+B*51:24:02	B*40:148+B*51:01:01G
B*40:96+B*42:01:01	B*40:157+B*42:04
B*40:96+B*44:03:01G	B*40:110+B*44:103
B*40:96+B*44:54	B*40:157+B*44:47
B*40:96+B*44:106	B*40:157+B*44:20
B*40:96+B*51:42	B*44:103+B*51:10
B*40:96+B*51:81	B*40:157+B*51:10
B*40:96+B*53:05	B*40:109+B*53:13
B*40:96+B*53:16	B*40:109+B*53:11
B*40:96+B*54:01:01G	B*40:110+B*54:02
B*40:96+B*56:25	B*40:148+B*56:07
B*40:101+B*44:28:02	B*40:128+B*44:30
B*40:105+B*51:70	B*40:107+B*51:63
B*40:106+B*42:11	B*41:03:02+B*48:06
B*40:106+B*48:12	B*40:121+B*48:06
B*40:106+B*52:15	B*40:132+B*51:01:02
B*40:109+B*48:15	B*40:148+B*48:18
B*40:110+B*44:06	B*44:02:01G+B*51:10
B*40:110+B*51:42	B*44:03:01G+B*51:10
B*40:113+B*51:05	B*40:128+B*51:09:02
B*40:113+B*51:23	B*40:132+B*51:01:01G
B*40:113+B*53:24	B*40:128+B*53:02
B*40:113+B*58:22	B*40:128+B*58:09
B*40:114+B*54:04	B*40:121+B*54:11
B*40:117+B*50:02	B*40:132+B*49:01:01
B*40:117+B*54:10	B*40:128+B*54:12
B*40:121+B*42:11	B*41:03:02+B*48:12
B*40:123+B*57:19	B*40:128+B*57:23
B*40:123+B*57:21	B*40:139+B*57:23
B*40:123+B*57:34	B*40:156+B*57:23
B*40:124:01+B*44:02:01G	B*40:124:02+B*44:02:07
B*40:124:01+B*44:03:01G	B*40:124:02+B*44:03:02
B*40:124:01+B*44:28:02	B*40:124:02+B*44:28:01
B*40:124:01+B*44:64:02	B*40:124:02+B*44:64:01
B*40:124:01+B*48:03:01	B*40:124:02+B*48:03:02
B*40:124:01+B*55:02:04	B*40:124:02+B*55:02:01G
B*40:124:02+B*51:29	B*40:128+B*51:85
B*40:124:02+B*51:67	B*40:156+B*51:85
B*40:124:02+B*57:02:01	B*40:128+B*57:32
B*40:124:02+B*57:07	B*40:132+B*57:32
B*40:128+B*51:67	B*40:156+B*51:29
B*40:128+B*57:07	B*40:132+B*57:02:01
B*40:128+B*57:21	B*40:139+B*57:19
B*40:128+B*57:34	B*40:156+B*57:19
B*40:139+B*57:34	B*40:156+B*57:21
B*40:145+B*56:07	B*40:157+B*56:29
B*40:157+B*51:42	B*44:103+B*51:81
B*41:01+B*41:15	B*41:02:01+B*41:06
B*41:01+B*42:08	B*41:09+B*42:01:01
B*41:01+B*42:14	B*41:06+B*42:01:01
B*41:01+B*44:48	B*41:07+B*44:02:07
B*41:01+B*53:01:01	B*41:09+B*53:15
B*41:01+B*55:01:01G	B*41:07+B*55:38
B*41:01+B*55:28	B*41:07+B*55:17
B*41:01+B*56:01:01G	B*41:07+B*56:27
B*41:01+B*56:02	B*41:07+B*56:04
B*41:02:01+B*42:14	B*41:15+B*42:01:01
B*41:02:01+B*44:03:01G	B*41:03:02+B*44:110
B*41:02:01+B*44:41	B*41:03:02+B*44:106
B*41:02:01+B*44:65	B*41:03:02+B*44:54
B*41:02:01+B*46:01:01G	B*41:03:02+B*46:12
B*41:02:01+B*51:06	B*41:03:02+B*51:64
B*41:02:01+B*58:16	B*41:03:02+B*58:18
B*41:03:01+B*55:02:01G	B*41:03:02+B*55:02:02
B*41:06+B*42:08	B*41:09+B*42:14
B*42:01:01+B*44:02:01G	B*42:10+B*44:53
B*42:01:01+B*44:02:07	B*42:13+B*44:106
B*42:01:01+B*44:03:02	B*42:13+B*44:54
B*42:01:01+B*44:20	B*42:04+B*44:106
B*42:01:01+B*44:47	B*42:04+B*44:54

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B*42:01:01+B*44:55	B*42:02+B*44:02:01G			
B*42:01:01+B*46:14	B*42:02+B*46:01:01G			
B*42:01:01+B*48:01:01G	B*42:11+B*81:01:01G			
B*42:01:01+B*48:07	B*42:06+B*48:01:01G			
B*42:01:01+B*49:01:01	B*42:02+B*49:10			
B*42:01:01+B*51:01:01G	B*42:04+B*51:64			
B*42:01:01+B*51:01:04	B*42:10+B*51:24:01			
B*42:01:01+B*51:04	B*42:13+B*51:64			
B*42:01:01+B*51:10	B*42:04+B*51:81			
B*42:01:01+B*51:13:01	B*42:06+B*51:01:04			
B*42:01:01+B*51:13:02	B*42:06+B*51:01:01G			
B*42:01:01+B*52:14	B*42:06+B*52:01:05			
B*42:01:01+B*53:01:01	B*42:08+B*53:15	B*42:13+B*53:14		
B*42:01:01+B*55:16	B*42:02+B*55:02:01G			
B*42:01:01+B*56:01:01G	B*42:10+B*56:20			
B*42:01:01+B*56:22	B*42:06+B*56:15			
B*42:01:01+B*57:01:01G	B*42:10+B*57:31			
B*42:01:01+B*58:01:01G	B*42:13+B*58:18			
B*42:02+B*44:43:01	B*42:09+B*44:77			
B*42:02+B*48:23	B*42:09+B*48:03:01			
B*42:02+B*51:37	B*42:09+B*51:01:01G			
B*42:02+B*54:14	B*42:09+B*54:04			
B*42:02+B*57:01:01G	B*42:09+B*57:03:01			
B*42:02+B*57:19	B*42:09+B*57:02:01			
B*42:04+B*44:02:07	B*42:13+B*44:20			
B*42:04+B*44:03:02	B*42:13+B*44:47			
B*42:04+B*51:04	B*42:13+B*51:01:01G			
B*42:05:01+B*48:04	B*42:08+B*48:01:01G			
B*42:05:01+B*48:13	B*42:08+B*48:10			
B*44:02:01G+B*44:03:02	B*44:02:07+B*44:03:01G			
B*44:02:01G+B*44:13	B*44:03:01G+B*44:67			
B*44:02:01G+B*44:16	B*44:21+B*44:91			
B*44:02:01G+B*44:25	B*44:05:01+B*44:95			
B*44:02:01G+B*44:28:01	B*44:02:07+B*44:28:02			
B*44:02:01G+B*44:29	B*44:03:01G+B*44:89			
B*44:02:01G+B*44:37	B*44:03:01G+B*44:91			
B*44:02:01G+B*44:40	B*44:03:01G+B*44:44			
B*44:02:01G+B*44:42	B*44:05:01+B*44:91			
B*44:02:01G+B*44:43:01	B*44:03:01G+B*44:17			
B*44:02:01G+B*44:45	B*44:03:01G+B*44:51			
B*44:02:01G+B*44:46	B*44:03:01G+B*44:09			
B*44:02:01G+B*44:47	B*44:03:01G+B*44:20			
B*44:02:01G+B*44:50	B*44:03:01G+B*44:95			
B*44:02:01G+B*44:54	B*44:03:01G+B*44:106	B*44:41+B*44:110		
B*44:02:01G+B*44:57	B*44:03:01G+B*44:08			
B*44:02:01G+B*44:64:01	B*44:02:07+B*44:64:02	B*44:03:02+B*44:16		
B*44:02:01G+B*44:64:02	B*44:03:01G+B*44:16	B*44:21+B*44:37		
B*44:02:01G+B*44:65	B*44:03:01G+B*44:41			
B*44:02:01G+B*44:105	B*44:03:01G+B*44:22			
B*44:02:01G+B*44:107	B*44:05:01+B*44:45			
B*44:02:01G+B*45:04	B*44:91+B*45:01:01G			
B*44:02:01G+B*45:10	B*44:16+B*45:01:01G	B*44:21+B*45:04		
B*44:02:01G+B*45:11	B*44:102+B*45:01:01G			
B*44:02:01G+B*46:01:01G	B*44:02:09+B*46:01:03	B*44:91+B*46:17		
B*44:02:01G+B*46:05	B*44:22+B*46:01:01G			
B*44:02:01G+B*46:13:03	B*44:02:09+B*46:13:01			
B*44:02:01G+B*46:14	B*44:55+B*46:01:01G			
B*44:02:01G+B*46:19	B*44:89+B*46:13:03			
B*44:02:01G+B*46:21:01	B*44:02:09+B*46:21:02			
B*44:02:01G+B*48:03:02	B*44:02:07+B*48:03:01			
B*44:02:01G+B*49:01:01	B*44:55+B*49:10	B*44:95+B*49:02		
B*44:02:01G+B*49:07	B*44:21+B*49:01:01			
B*44:02:01G+B*49:11	B*44:18+B*44:37			
B*44:02:01G+B*50:01:01	B*44:09+B*49:02	B*44:48+B*50:04	B*44:79+B*45:04	B*44:91+B*50:02
B*44:02:01G+B*50:01:02	B*44:02:14+B*50:01:01			
B*44:02:01G+B*50:02	B*44:79+B*45:01:01G			
B*44:02:01G+B*51:01:01G	B*44:02:07+B*51:01:16	B*44:02:10+B*51:01:02	B*44:12+B*52:06:02	B*44:79+B*51:08
	B*44:95+B*51:78	B*44:100+B*51:46		
B*44:02:01G+B*51:01:19	B*44:02:12+B*51:01:01G			
B*44:02:01G+B*51:02:01	B*44:02:10+B*51:02:02	B*44:91+B*51:23		
B*44:02:01G+B*51:05	B*44:95+B*51:54			
B*44:02:01G+B*51:07:01	B*44:02:10+B*51:07:02	B*44:12+B*52:01:02		
B*44:02:01G+B*51:07:02	B*44:12+B*52:01:01G			
B*44:02:01G+B*51:09:01	B*44:02:10+B*51:09:02	B*44:03:01G+B*51:08		
B*44:02:01G+B*51:16	B*44:21+B*51:01:01G			
B*44:02:01G+B*51:19	B*44:29+B*51:08	B*44:89+B*51:09:01		
B*44:02:01G+B*51:24:01	B*44:53+B*51:01:04			
B*44:02:01G+B*51:24:03	B*44:02:09+B*51:24:04			
B*44:02:01G+B*51:29	B*44:76+B*51:08			
B*44:02:01G+B*51:31	B*44:21+B*51:09:01			
B*44:02:01G+B*51:34	B*44:16+B*51:23	B*44:21+B*51:02:01		
B*44:02:01G+B*51:39	B*44:24+B*51:01:01G			
B*44:02:01G+B*51:42	B*44:03:01G+B*44:06			
B*44:02:01G+B*51:53	B*44:102+B*51:01:01G			
B*44:02:01G+B*51:63	B*44:79+B*51:97			
B*44:02:01G+B*51:68	B*44:49+B*51:01:01G			
B*44:02:01G+B*51:82	B*44:21+B*51:29			
B*44:02:01G+B*51:101	B*44:89+B*51:21			
B*44:02:01G+B*52:01:01G	B*44:79+B*52:19	B*44:91+B*52:15	B*44:95+B*52:20	
B*44:02:01G+B*52:01:02	B*44:02:10+B*52:01:01G			
B*44:02:01G+B*52:08	B*44:16+B*52:15	B*44:21+B*52:01:01G		
B*44:02:01G+B*52:10	B*44:03:01G+B*52:19			
B*44:02:01G+B*53:01:01	B*44:37+B*53:22	B*44:95+B*53:13		
B*44:02:01G+B*53:01:03	B*44:02:09+B*53:01:01			
B*44:02:01G+B*53:05	B*44:95+B*53:12			
B*44:02:01G+B*53:08:02	B*44:02:09+B*53:08:01			
B*44:02:01G+B*53:24	B*44:95+B*53:11			
B*44:02:01G+B*55:01:01G	B*44:12+B*55:40			
B*44:02:01G+B*55:02:01G	B*44:02:07+B*55:02:04	B*44:51+B*55:41		
B*44:02:01G+B*55:16	B*44:55+B*55:02:01G			
B*44:02:01G+B*55:22	B*44:21+B*56:01:01G			
B*44:02:01G+B*55:24	B*44:21+B*56:25			
B*44:02:01G+B*55:37	B*44:04+B*56:13			
B*44:02:01G+B*55:47	B*44:12+B*55:34			
B*44:02:01G+B*56:01:01G	B*44:03:01G+B*56:13	B*44:09+B*56:07		

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B*44:02:01G+B*56:01:03	B*44:02:09+B*56:01:01G		
B*44:02:01G+B*56:05:01	B*44:02:10+B*56:05:02		
B*44:02:01G+B*56:20	B*44:53+B*56:01:01G		
B*44:02:01G+B*56:25	B*44:79+B*56:13		
B*44:02:01G+B*57:01:01G	B*44:03:01G+B*57:24		
B*44:02:01G+B*57:03:01	B*44:91+B*57:07		
B*44:02:01G+B*57:19	B*44:17+B*57:04	B*44:28:02+B*57:24	
B*44:02:01G+B*57:22	B*44:79+B*57:24		
B*44:02:01G+B*57:25	B*44:21+B*57:01:01G		
B*44:02:01G+B*57:31	B*44:53+B*57:01:01G		
B*44:02:01G+B*58:01:05	B*44:02:09+B*58:01:01G		
B*44:02:01G+B*58:02	B*44:91+B*58:07		
B*44:02:01G+B*78:02:02	B*44:02:10+B*78:02:01	B*44:09+B*51:78	
B*44:02:01G+B*78:05	B*44:09+B*52:20		
B*44:02:07+B*44:13	B*44:03:02+B*44:67		
B*44:02:07+B*44:29	B*44:03:02+B*44:89		
B*44:02:07+B*44:37	B*44:03:02+B*44:91		
B*44:02:07+B*44:40	B*44:03:02+B*44:44		
B*44:02:07+B*44:43:01	B*44:03:02+B*44:17		
B*44:02:07+B*44:45	B*44:03:02+B*44:51		
B*44:02:07+B*44:46	B*44:03:02+B*44:09		
B*44:02:07+B*44:47	B*44:03:02+B*44:20		
B*44:02:07+B*44:50	B*44:03:02+B*44:95		
B*44:02:07+B*44:54	B*44:03:02+B*44:106		
B*44:02:07+B*44:57	B*44:03:02+B*44:08		
B*44:02:07+B*44:65	B*44:03:02+B*44:41		
B*44:02:07+B*44:105	B*44:03:02+B*44:22		
B*44:02:07+B*51:01:01G	B*44:20+B*51:04		
B*44:02:07+B*51:06	B*44:41+B*51:04		
B*44:02:07+B*51:09:01	B*44:03:02+B*51:08		
B*44:02:07+B*51:42	B*44:03:02+B*44:06		
B*44:02:07+B*51:64	B*44:106+B*51:04		
B*44:02:07+B*52:10	B*44:03:02+B*52:19		
B*44:02:07+B*53:14	B*44:106+B*53:01:01		
B*44:02:07+B*55:01:01G	B*44:48+B*55:38		
B*44:02:07+B*55:28	B*44:48+B*55:17		
B*44:02:07+B*56:01:01G	B*44:03:02+B*56:13	B*44:48+B*56:27	
B*44:02:07+B*56:02	B*44:48+B*56:04		
B*44:02:07+B*57:01:01G	B*44:03:02+B*57:24		
B*44:02:07+B*57:19	B*44:28:01+B*57:24		
B*44:02:07+B*58:16	B*44:41+B*58:01:01G		
B*44:02:07+B*58:18	B*44:106+B*58:01:01G		
B*44:02:09+B*55:22	B*44:21+B*56:01:03		
B*44:02:09+B*56:20	B*44:53+B*56:01:03		
B*44:02:10+B*46:01:01G	B*44:34+B*46:10		
B*44:02:10+B*52:08	B*44:21+B*52:01:02		
B*44:02:12+B*51:16	B*44:21+B*51:01:19		
B*44:02:12+B*51:39	B*44:24+B*51:01:19		
B*44:02:12+B*51:53	B*44:102+B*51:01:19		
B*44:02:12+B*51:68	B*44:49+B*51:01:19		
B*44:03:01G+B*44:25	B*44:05:01+B*44:50		
B*44:03:01G+B*44:28:01	B*44:03:02+B*44:28:02		
B*44:03:01G+B*44:42	B*44:05:01+B*44:37		
B*44:03:01G+B*44:54	B*44:65+B*44:110		
B*44:03:01G+B*44:64:01	B*44:03:02+B*44:64:02		
B*44:03:01G+B*44:76	B*44:28:02+B*44:79		
B*44:03:01G+B*45:04	B*44:37+B*45:01:01G		
B*44:03:01G+B*45:10	B*44:64:02+B*45:01:01G		
B*44:03:01G+B*46:01:01G	B*44:37+B*46:17	B*44:79+B*46:09	
B*44:03:01G+B*46:03	B*44:04+B*46:08	B*44:76+B*46:21:01	
B*44:03:01G+B*46:05	B*44:105+B*46:01:01G		
B*44:03:01G+B*46:08	B*44:79+B*46:13:03		
B*44:03:01G+B*46:12	B*44:110+B*46:01:01G		
B*44:03:01G+B*46:19	B*44:29+B*46:13:03		
B*44:03:01G+B*47:07	B*44:26+B*47:01:01G		
B*44:03:01G+B*48:01:01G	B*44:110+B*48:03:01		
B*44:03:01G+B*48:03:02	B*44:03:02+B*48:03:01		
B*44:03:01G+B*48:15	B*44:79+B*48:01:01G		
B*44:03:01G+B*49:01:01	B*44:50+B*49:02	B*44:79+B*49:11	
B*44:03:01G+B*50:01:01	B*44:37+B*50:02	B*44:46+B*49:02	
B*44:03:01G+B*51:01:01G	B*44:03:02+B*51:01:16	B*44:50+B*51:78	B*44:79+B*51:09:01
B*44:03:01G+B*51:01:02	B*44:79+B*51:09:02		
B*44:03:01G+B*51:02:01	B*44:37+B*51:23		
B*44:03:01G+B*51:05	B*44:50+B*51:54		
B*44:03:01G+B*51:16	B*44:79+B*51:31		
B*44:03:01G+B*51:19	B*44:29+B*51:09:01		
B*44:03:01G+B*51:29	B*44:28:01+B*51:01:16	B*44:28:02+B*51:01:01G	B*44:76+B*51:09:01
B*44:03:01G+B*51:34	B*44:64:02+B*51:23		
B*44:03:01G+B*51:64	B*44:110+B*51:06		
B*44:03:01G+B*51:82	B*44:28:02+B*51:16	B*44:76+B*51:31	
B*44:03:01G+B*51:101	B*44:29+B*51:21		
B*44:03:01G+B*52:01:01G	B*44:37+B*52:15	B*44:50+B*52:20	B*44:79+B*52:10
B*44:03:01G+B*52:08	B*44:64:02+B*52:15		
B*44:03:01G+B*52:09	B*44:109+B*52:01:02		
B*44:03:01G+B*53:01:01	B*44:50+B*53:13		
B*44:03:01G+B*53:01:02	B*44:81+B*53:01:01		
B*44:03:01G+B*53:05	B*44:50+B*53:12	B*44:109+B*53:01:01	
B*44:03:01G+B*53:08:01	B*44:79+B*53:01:01		
B*44:03:01G+B*53:08:02	B*44:79+B*53:01:03		
B*44:03:01G+B*53:11	B*44:28:02+B*53:13		
B*44:03:01G+B*53:12	B*44:109+B*53:13		
B*44:03:01G+B*53:16	B*44:28:02+B*53:05	B*44:109+B*53:24	
B*44:03:01G+B*53:24	B*44:28:02+B*53:01:01	B*44:50+B*53:11	
B*44:03:01G+B*54:02	B*44:103+B*54:01:01G		
B*44:03:01G+B*54:10	B*44:04+B*54:03	B*44:28:02+B*54:01:01G	
B*44:03:01G+B*54:20	B*44:76+B*54:01:01G	B*44:79+B*54:10	
B*44:03:01G+B*55:01:01G	B*44:79+B*55:02:01G		
B*44:03:01G+B*55:01:06	B*44:03:05+B*55:01:01G		
B*44:03:01G+B*55:02:01G	B*44:03:02+B*55:02:04	B*44:45+B*55:41	B*44:109+B*55:12
B*44:03:01G+B*55:09	B*44:28:02+B*55:24	B*44:76+B*55:22	
B*44:03:01G+B*55:24	B*44:79+B*55:22		
B*44:03:01G+B*55:30	B*44:85+B*55:02:01G		
B*44:03:01G+B*55:37	B*44:04+B*56:01:01G	B*44:28:01+B*55:02:04	B*44:28:02+B*55:02:01G
B*44:03:01G+B*56:01:01G	B*44:46+B*56:07		
B*44:03:01G+B*56:25	B*44:79+B*56:01:01G		

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B*44:03:01G+B*57:02:01	B*44:28:02+B*57:03:01	B*44:77+B*57:04	
B*44:03:01G+B*57:03:01	B*44:37+B*57:07		
B*44:03:01G+B*57:19	B*44:28:02+B*57:01:01G	B*44:43:01+B*57:04	
B*44:03:01G+B*57:22	B*44:79+B*57:01:01G		
B*44:03:01G+B*58:02	B*44:37+B*58:07		
B*44:03:01G+B*58:06	B*44:79+B*58:02		
B*44:03:01G+B*58:18	B*44:110+B*58:16		
B*44:03:01G+B*58:19	B*44:79+B*58:01:01G		
B*44:03:01G+B*58:22	B*44:28:02+B*58:01:01G		
B*44:03:01G+B*78:02:02	B*44:46+B*51:78		
B*44:03:01G+B*78:05	B*44:46+B*52:20	B*44:109+B*78:06	
B*44:03:02+B*44:76	B*44:28:01+B*44:79		
B*44:03:02+B*45:10	B*44:64:01+B*45:01:01G		
B*44:03:02+B*48:01:01G	B*44:110+B*48:03:02		
B*44:03:02+B*50:07	B*44:07+B*50:01:01		
B*44:03:02+B*51:01:01G	B*44:07+B*51:74	B*44:47+B*51:04	
B*44:03:02+B*51:06	B*44:65+B*51:04		
B*44:03:02+B*51:29	B*44:28:01+B*51:01:01G		
B*44:03:02+B*51:34	B*44:64:01+B*51:23		
B*44:03:02+B*51:64	B*44:54+B*51:04		
B*44:03:02+B*51:82	B*44:28:01+B*51:16		
B*44:03:02+B*52:08	B*44:64:01+B*52:15		
B*44:03:02+B*53:11	B*44:28:01+B*53:13		
B*44:03:02+B*53:14	B*44:54+B*53:01:01		
B*44:03:02+B*53:16	B*44:28:01+B*53:05		
B*44:03:02+B*53:24	B*44:28:01+B*53:01:01		
B*44:03:02+B*54:10	B*44:28:01+B*54:01:01G		
B*44:03:02+B*55:09	B*44:28:01+B*55:24		
B*44:03:02+B*55:37	B*44:28:01+B*55:02:01G		
B*44:03:02+B*57:02:01	B*44:28:01+B*57:03:01		
B*44:03:02+B*57:19	B*44:28:01+B*57:01:01G		
B*44:03:02+B*58:16	B*44:65+B*58:01:01G		
B*44:03:02+B*58:18	B*44:54+B*58:01:01G		
B*44:03:02+B*58:22	B*44:28:01+B*58:01:01G		
B*44:04+B*45:04	B*44:28:02+B*45:08		
B*44:04+B*46:11	B*44:28:02+B*46:18		
B*44:04+B*46:13:01	B*44:28:02+B*46:21:02		
B*44:04+B*46:13:03	B*44:28:02+B*46:21:01		
B*44:04+B*51:01:01G	B*44:28:02+B*51:21		
B*44:04+B*56:02	B*44:28:02+B*56:10		
B*44:04+B*56:22	B*44:28:02+B*55:13		
B*44:04+B*56:25	B*44:28:02+B*55:01:01G	B*44:76+B*55:02:01G	B*44:79+B*55:37
B*44:04+B*57:01:01G	B*44:28:02+B*57:26		
B*44:04+B*57:22	B*44:76+B*57:26		
B*44:04+B*59:04	B*44:28:02+B*59:01		
B*44:04+B*78:01	B*44:28:02+B*78:07		
B*44:05:01+B*44:16	B*44:21+B*44:42		
B*44:05:01+B*44:46	B*44:75+B*44:109		
B*44:05:01+B*45:01:01G	B*44:15+B*44:75		
B*44:05:01+B*45:04	B*44:42+B*45:01:01G		
B*44:05:01+B*46:01:01G	B*44:42+B*46:17		
B*44:05:01+B*49:01:01	B*44:25+B*49:02		
B*44:05:01+B*50:01:01	B*44:42+B*50:02		
B*44:05:01+B*51:01:01G	B*44:25+B*51:78		
B*44:05:01+B*51:02:01	B*44:42+B*51:23		
B*44:05:01+B*51:05	B*44:25+B*51:54		
B*44:05:01+B*51:41N	B*44:58N+B*51:01:01G		
B*44:05:01+B*51:70	B*44:78+B*51:01:01G		
B*44:05:01+B*52:01:01G	B*44:25+B*52:20	B*44:42+B*52:15	
B*44:05:01+B*53:01:01	B*44:25+B*53:13		
B*44:05:01+B*53:05	B*44:25+B*53:12		
B*44:05:01+B*53:24	B*44:25+B*53:11		
B*44:05:01+B*57:03:01	B*44:42+B*57:07		
B*44:05:01+B*58:02	B*44:42+B*58:07		
B*44:05:01+B*78:06	B*44:75+B*52:20		
B*44:06+B*44:13	B*44:67+B*51:42		
B*44:06+B*44:29	B*44:89+B*51:42		
B*44:06+B*44:37	B*44:91+B*51:42		
B*44:06+B*44:40	B*44:44+B*51:42		
B*44:06+B*44:43:01	B*44:17+B*51:42		
B*44:06+B*44:45	B*44:51+B*51:42		
B*44:06+B*44:46	B*44:09+B*51:42		
B*44:06+B*44:47	B*44:20+B*51:42		
B*44:06+B*44:50	B*44:95+B*51:42		
B*44:06+B*44:54	B*44:106+B*51:42		
B*44:06+B*44:57	B*44:08+B*51:42		
B*44:06+B*44:64:02	B*44:16+B*51:42		
B*44:06+B*44:65	B*44:41+B*51:42		
B*44:06+B*44:105	B*44:22+B*51:42		
B*44:06+B*51:09:01	B*51:08+B*51:42		
B*44:06+B*52:10	B*51:42+B*52:19		
B*44:06+B*52:20	B*44:83+B*51:01:01G		
B*44:06+B*56:01:01G	B*51:42+B*56:13		
B*44:06+B*57:01:01G	B*51:42+B*57:24		
B*44:08+B*44:13	B*44:57+B*44:67		
B*44:08+B*44:29	B*44:57+B*44:89		
B*44:08+B*44:37	B*44:57+B*44:91		
B*44:08+B*44:40	B*44:44+B*44:57		
B*44:08+B*44:43:01	B*44:17+B*44:57		
B*44:08+B*44:45	B*44:51+B*44:57		
B*44:08+B*44:46	B*44:09+B*44:57		
B*44:08+B*44:47	B*44:20+B*44:57		
B*44:08+B*44:50	B*44:57+B*44:95		
B*44:08+B*44:54	B*44:57+B*44:106		
B*44:08+B*44:64:02	B*44:16+B*44:57		
B*44:08+B*44:65	B*44:41+B*44:57		
B*44:08+B*44:105	B*44:22+B*44:57		
B*44:08+B*51:09:01	B*44:57+B*51:08		
B*44:08+B*52:10	B*44:57+B*52:19		
B*44:08+B*56:01:01G	B*44:57+B*56:13		
B*44:08+B*57:01:01G	B*44:57+B*57:24		
B*44:09+B*44:13	B*44:46+B*44:67		
B*44:09+B*44:18	B*44:95+B*45:01:01G		
B*44:09+B*44:29	B*44:46+B*44:89		
B*44:09+B*44:37	B*44:46+B*44:91		

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B*44:09+B*44:40	B*44:44+B*44:46	
B*44:09+B*44:43:01	B*44:17+B*44:46	
B*44:09+B*44:45	B*44:46+B*44:51	
B*44:09+B*44:47	B*44:20+B*44:46	
B*44:09+B*44:50	B*44:46+B*44:95	
B*44:09+B*44:54	B*44:46+B*44:106	
B*44:09+B*44:64:02	B*44:16+B*44:46	
B*44:09+B*44:65	B*44:41+B*44:46	
B*44:09+B*44:105	B*44:22+B*44:46	
B*44:09+B*45:06	B*44:90+B*45:01:01G	
B*44:09+B*49:01:01	B*44:95+B*50:01:01	
B*44:09+B*49:11	B*44:50+B*45:04	
B*44:09+B*51:01:01G	B*44:95+B*78:02:02	
B*44:09+B*51:01:02	B*44:95+B*78:02:01	
B*44:09+B*51:09:01	B*44:46+B*51:08	
B*44:09+B*52:01:01G	B*44:95+B*78:05	
B*44:09+B*52:10	B*44:46+B*52:19	
B*44:09+B*54:12	B*44:95+B*54:01:01G	
B*44:09+B*56:01:01G	B*44:46+B*56:13	
B*44:09+B*56:21	B*44:95+B*56:05:02	
B*44:09+B*57:01:01G	B*44:46+B*57:24	
B*44:09+B*57:02:01	B*44:95+B*57:12	
B*44:12+B*52:08	B*44:21+B*51:07:02	
B*44:13+B*44:16	B*44:64:02+B*44:67	
B*44:13+B*44:17	B*44:43:01+B*44:67	
B*44:13+B*44:20	B*44:47+B*44:67	
B*44:13+B*44:22	B*44:67+B*44:105	
B*44:13+B*44:41	B*44:65+B*44:67	
B*44:13+B*44:44	B*44:40+B*44:67	
B*44:13+B*44:51	B*44:45+B*44:67	
B*44:13+B*44:89	B*44:29+B*44:67	
B*44:13+B*44:91	B*44:37+B*44:67	
B*44:13+B*44:95	B*44:50+B*44:67	
B*44:13+B*44:106	B*44:54+B*44:67	
B*44:13+B*51:08	B*44:67+B*51:09:01	
B*44:13+B*52:19	B*44:67+B*52:10	
B*44:13+B*56:13	B*44:67+B*56:01:01G	
B*44:13+B*57:24	B*44:67+B*57:01:01G	
B*44:14+B*44:107	B*44:51+B*44:77	
B*44:14+B*51:37	B*44:51+B*51:63	
B*44:14+B*51:90	B*44:51+B*51:01:01G	
B*44:14+B*51:92	B*44:51+B*51:13:01	
B*44:14+B*52:12	B*44:51+B*52:01:01G	
B*44:14+B*54:16	B*44:51+B*54:01:01G	
B*44:14+B*55:23	B*44:51+B*55:32	
B*44:14+B*55:46	B*44:51+B*55:02:01G	
B*44:15+B*44:46	B*44:109+B*45:01:01G	
B*44:15+B*44:50	B*44:18+B*44:109	
B*44:15+B*53:01:01	B*44:18+B*53:12	
B*44:15+B*78:06	B*45:01:01G+B*52:20	
B*44:16+B*44:29	B*44:64:02+B*44:89	
B*44:16+B*44:37	B*44:64:02+B*44:91	
B*44:16+B*44:40	B*44:44+B*44:64:02	
B*44:16+B*44:43:01	B*44:17+B*44:64:02	
B*44:16+B*44:45	B*44:51+B*44:64:02	
B*44:16+B*44:47	B*44:20+B*44:64:02	
B*44:16+B*44:50	B*44:64:02+B*44:95	
B*44:16+B*44:54	B*44:64:02+B*44:106	
B*44:16+B*44:65	B*44:41+B*44:64:02	
B*44:16+B*44:105	B*44:22+B*44:64:02	
B*44:16+B*45:04	B*44:91+B*45:10	
B*44:16+B*45:11	B*44:102+B*45:10	
B*44:16+B*46:17	B*44:21+B*46:01:01G	
B*44:16+B*49:01:01	B*44:91+B*49:07	
B*44:16+B*50:02	B*44:21+B*50:01:01	B*44:79+B*45:10
B*44:16+B*51:01:01G	B*44:91+B*51:16	
B*44:16+B*51:02:01	B*44:91+B*51:34	
B*44:16+B*51:09:01	B*44:64:02+B*51:08	B*44:91+B*51:31
B*44:16+B*51:29	B*44:91+B*51:82	
B*44:16+B*52:01:01G	B*44:91+B*52:08	
B*44:16+B*52:10	B*44:64:02+B*52:19	
B*44:16+B*56:01:01G	B*44:64:02+B*56:13	B*44:91+B*55:22
B*44:16+B*56:25	B*44:91+B*55:24	
B*44:16+B*57:01:01G	B*44:64:02+B*57:24	B*44:91+B*57:25
B*44:16+B*57:07	B*44:21+B*57:03:01	
B*44:16+B*58:07	B*44:21+B*58:02	
B*44:17+B*44:29	B*44:43:01+B*44:89	
B*44:17+B*44:37	B*44:43:01+B*44:91	
B*44:17+B*44:40	B*44:43:01+B*44:44	
B*44:17+B*44:45	B*44:43:01+B*44:51	
B*44:17+B*44:47	B*44:20+B*44:43:01	
B*44:17+B*44:50	B*44:43:01+B*44:95	
B*44:17+B*44:54	B*44:43:01+B*44:106	
B*44:17+B*44:65	B*44:41+B*44:43:01	
B*44:17+B*44:105	B*44:22+B*44:43:01	
B*44:17+B*51:06	B*44:62+B*51:45	
B*44:17+B*51:09:01	B*44:43:01+B*51:08	B*44:107+B*51:97
B*44:17+B*52:10	B*44:43:01+B*52:19	
B*44:17+B*56:01:01G	B*44:43:01+B*56:13	
B*44:17+B*57:01:01G	B*44:43:01+B*57:24	
B*44:17+B*57:03:01	B*44:77+B*57:24	
B*44:18+B*44:46	B*44:50+B*45:01:01G	
B*44:18+B*44:64:02	B*44:21+B*49:11	
B*44:18+B*44:90	B*44:95+B*45:06	
B*44:18+B*50:01:01	B*45:01:01G+B*49:01:01	
B*44:18+B*50:09	B*45:02+B*49:01:01	
B*44:18+B*53:01:01	B*49:11+B*53:22	
B*44:18+B*53:08:01	B*49:01:01+B*53:22	
B*44:18+B*54:01:01G	B*45:01:01G+B*54:12	
B*44:18+B*56:05:02	B*45:01:01G+B*56:21	
B*44:18+B*56:06	B*45:06+B*51:07:01	
B*44:18+B*57:12	B*45:01:01G+B*57:02:01	
B*44:18+B*78:01	B*50:02+B*51:20	
B*44:18+B*78:02:01	B*45:01:01G+B*51:01:02	
B*44:18+B*78:02:02	B*45:01:01G+B*51:01:01G	B*50:02+B*51:08

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B*44:18+B*78:05	B*45:01:01G+B*52:01:01G	B*45:04+B*52:15	B*50:02+B*52:19
B*44:20+B*44:29	B*44:47+B*44:89		
B*44:20+B*44:37	B*44:47+B*44:91		
B*44:20+B*44:40	B*44:44+B*44:47		
B*44:20+B*44:45	B*44:47+B*44:51		
B*44:20+B*44:50	B*44:47+B*44:95		
B*44:20+B*44:54	B*44:47+B*44:106		
B*44:20+B*44:65	B*44:41+B*44:47		
B*44:20+B*44:105	B*44:22+B*44:47		
B*44:20+B*51:06	B*44:41+B*51:01:01G		
B*44:20+B*51:09:01	B*44:47+B*51:08		
B*44:20+B*51:56	B*44:48+B*51:01:16		
B*44:20+B*51:59	B*44:41+B*51:02:01		
B*44:20+B*51:64	B*44:106+B*51:01:01G		
B*44:20+B*51:81	B*44:106+B*51:10		
B*44:20+B*52:10	B*44:47+B*52:19		
B*44:20+B*56:01:01G	B*44:47+B*56:13		
B*44:20+B*56:02	B*44:41+B*56:01:01G	B*44:65+B*56:13	
B*44:20+B*56:04	B*44:41+B*56:27		
B*44:20+B*56:10	B*44:41+B*55:02:01G		
B*44:20+B*57:01:01G	B*44:47+B*57:24		
B*44:21+B*51:19	B*44:89+B*51:31		
B*44:21+B*51:39	B*44:24+B*51:16		
B*44:21+B*51:53	B*44:102+B*51:16		
B*44:21+B*51:68	B*44:49+B*51:16		
B*44:21+B*53:01:01	B*44:64:02+B*53:22		
B*44:21+B*56:20	B*44:53+B*55:22		
B*44:21+B*57:31	B*44:53+B*57:25		
B*44:22+B*44:29	B*44:89+B*44:105		
B*44:22+B*44:37	B*44:91+B*44:105		
B*44:22+B*44:40	B*44:44+B*44:105		
B*44:22+B*44:45	B*44:51+B*44:105		
B*44:22+B*44:50	B*44:95+B*44:105		
B*44:22+B*44:54	B*44:105+B*44:106		
B*44:22+B*44:65	B*44:41+B*44:105		
B*44:22+B*46:14	B*44:55+B*46:05		
B*44:22+B*51:09:01	B*44:105+B*51:08		
B*44:22+B*52:10	B*44:105+B*52:19		
B*44:22+B*56:01:01G	B*44:105+B*56:13		
B*44:22+B*57:01:01G	B*44:105+B*57:24		
B*44:24+B*51:53	B*44:102+B*51:39		
B*44:24+B*51:68	B*44:49+B*51:39		
B*44:25+B*44:37	B*44:42+B*44:50		
B*44:25+B*44:45	B*44:95+B*44:107		
B*44:25+B*44:91	B*44:42+B*44:95		
B*44:25+B*48:01:01G	B*44:75+B*48:18		
B*44:25+B*78:06	B*44:75+B*52:01:01G		
B*44:28:01+B*44:64:02	B*44:28:02+B*44:64:01		
B*44:28:01+B*48:03:01	B*44:28:02+B*48:03:02		
B*44:28:01+B*53:14	B*44:54+B*53:24		
B*44:28:01+B*58:16	B*44:65+B*58:22		
B*44:28:01+B*58:18	B*44:54+B*58:22		
B*44:28:02+B*46:01:01G	B*44:76+B*46:09		
B*44:28:02+B*46:08	B*44:76+B*46:13:03		
B*44:28:02+B*48:15	B*44:76+B*48:01:01G		
B*44:28:02+B*49:01:01	B*44:76+B*49:11		
B*44:28:02+B*51:01:02	B*44:76+B*51:09:02		
B*44:28:02+B*51:02:02	B*44:79+B*51:05		
B*44:28:02+B*52:01:01G	B*44:76+B*52:10		
B*44:28:02+B*53:01:02	B*44:81+B*53:24		
B*44:28:02+B*53:08:01	B*44:76+B*53:01:01	B*44:79+B*53:24	
B*44:28:02+B*53:08:02	B*44:76+B*53:01:03		
B*44:28:02+B*53:12	B*44:109+B*53:11		
B*44:28:02+B*54:02	B*44:103+B*54:10		
B*44:28:02+B*54:20	B*44:76+B*54:10		
B*44:28:02+B*55:30	B*44:85+B*55:37		
B*44:28:02+B*56:25	B*44:76+B*56:01:01G		
B*44:28:02+B*57:22	B*44:76+B*57:01:01G	B*44:79+B*57:19	
B*44:28:02+B*58:06	B*44:76+B*58:02		
B*44:28:02+B*58:19	B*44:76+B*58:01:01G	B*44:79+B*58:22	
B*44:28:02+B*78:04	B*44:46+B*51:54		
B*44:29+B*44:41	B*44:65+B*44:89		
B*44:29+B*44:44	B*44:40+B*44:89		
B*44:29+B*44:51	B*44:45+B*44:89		
B*44:29+B*44:91	B*44:37+B*44:89		
B*44:29+B*44:95	B*44:50+B*44:89		
B*44:29+B*44:106	B*44:54+B*44:89		
B*44:29+B*46:08	B*44:79+B*46:19		
B*44:29+B*51:01:01G	B*44:79+B*51:19		
B*44:29+B*51:29	B*44:76+B*51:19		
B*44:29+B*52:19	B*44:89+B*52:10		
B*44:29+B*56:13	B*44:89+B*56:01:01G		
B*44:29+B*57:24	B*44:89+B*57:01:01G		
B*44:37+B*44:41	B*44:65+B*44:91		
B*44:37+B*44:44	B*44:40+B*44:91		
B*44:37+B*44:51	B*44:45+B*44:91		
B*44:37+B*44:95	B*44:50+B*44:91		
B*44:37+B*44:106	B*44:54+B*44:91		
B*44:37+B*45:10	B*44:64:02+B*45:04		
B*44:37+B*49:07	B*44:64:02+B*49:01:01		
B*44:37+B*51:08	B*44:91+B*51:09:01		
B*44:37+B*51:16	B*44:64:01+B*51:01:16	B*44:64:02+B*51:01:01G	
B*44:37+B*51:31	B*44:64:02+B*51:09:01		
B*44:37+B*51:34	B*44:64:02+B*51:02:01		
B*44:37+B*51:82	B*44:64:02+B*51:29		
B*44:37+B*52:08	B*44:64:02+B*52:01:01G		
B*44:37+B*52:19	B*44:91+B*52:10		
B*44:37+B*55:22	B*44:64:02+B*56:01:01G		
B*44:37+B*55:24	B*44:64:02+B*56:25		
B*44:37+B*56:13	B*44:91+B*56:01:01G		
B*44:37+B*57:24	B*44:91+B*57:01:01G		
B*44:37+B*57:25	B*44:64:02+B*57:01:01G		
B*44:40+B*44:41	B*44:44+B*44:65		
B*44:40+B*44:51	B*44:44+B*44:45		
B*44:40+B*44:95	B*44:44+B*44:50		

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B*44:40+B*44:106	B*44:44+B*44:54	
B*44:40+B*51:08	B*44:44+B*51:09:01	
B*44:40+B*52:19	B*44:44+B*52:10	
B*44:40+B*56:13	B*44:44+B*56:01:01G	
B*44:40+B*57:24	B*44:44+B*57:01:01G	
B*44:41+B*44:45	B*44:51+B*44:65	
B*44:41+B*44:50	B*44:65+B*44:95	
B*44:41+B*44:54	B*44:65+B*44:106	
B*44:41+B*46:12	B*44:106+B*46:01:01G	
B*44:41+B*48:01:01G	B*44:106+B*48:03:01	
B*44:41+B*51:09:01	B*44:65+B*51:08	
B*44:41+B*51:64	B*44:106+B*51:06	
B*44:41+B*52:10	B*44:65+B*52:19	
B*44:41+B*57:01:01G	B*44:65+B*57:24	
B*44:41+B*58:18	B*44:106+B*58:16	
B*44:42+B*44:45	B*44:91+B*44:107	
B*44:43:01+B*48:03:01	B*44:77+B*48:23	
B*44:43:01+B*51:01:01G	B*44:77+B*51:37	B*44:107+B*51:63
B*44:43:01+B*51:90	B*44:107+B*51:37	
B*44:43:01+B*54:04	B*44:77+B*54:14	
B*44:43:01+B*57:02:01	B*44:77+B*57:19	
B*44:43:01+B*57:03:01	B*44:77+B*57:01:01G	
B*44:45+B*44:95	B*44:50+B*44:51	
B*44:45+B*44:106	B*44:51+B*44:54	
B*44:45+B*51:08	B*44:51+B*51:09:01	
B*44:45+B*52:19	B*44:51+B*52:10	
B*44:45+B*56:13	B*44:51+B*56:01:01G	
B*44:45+B*57:24	B*44:51+B*57:01:01G	
B*44:46+B*49:01:01	B*44:50+B*50:01:01	
B*44:46+B*51:01:01G	B*44:50+B*78:02:02	
B*44:46+B*51:01:02	B*44:50+B*78:02:01	
B*44:46+B*52:01:01G	B*44:50+B*78:05	
B*44:46+B*54:12	B*44:50+B*54:01:01G	
B*44:46+B*56:21	B*44:50+B*56:05:02	
B*44:46+B*57:02:01	B*44:50+B*57:12	
B*44:47+B*51:06	B*44:65+B*51:01:01G	
B*44:47+B*51:59	B*44:65+B*51:02:01	
B*44:47+B*51:64	B*44:54+B*51:01:01G	
B*44:47+B*51:81	B*44:54+B*51:10	
B*44:47+B*56:02	B*44:65+B*56:01:01G	
B*44:47+B*56:04	B*44:65+B*56:27	
B*44:47+B*56:10	B*44:65+B*55:02:01G	
B*44:49+B*51:53	B*44:102+B*51:68	
B*44:50+B*44:106	B*44:54+B*44:95	
B*44:50+B*51:08	B*44:95+B*51:09:01	
B*44:50+B*52:19	B*44:95+B*52:10	
B*44:50+B*56:13	B*44:95+B*56:01:01G	
B*44:50+B*57:24	B*44:95+B*57:01:01G	
B*44:54+B*46:01:01G	B*44:65+B*46:12	
B*44:54+B*48:03:01	B*44:65+B*48:01:01G	
B*44:54+B*51:06	B*44:65+B*51:64	
B*44:54+B*51:08	B*44:106+B*51:09:01	
B*44:54+B*52:19	B*44:106+B*52:10	
B*44:54+B*56:13	B*44:106+B*56:01:01G	
B*44:54+B*57:24	B*44:106+B*57:01:01G	
B*44:54+B*58:16	B*44:65+B*58:18	
B*44:55+B*57:10	B*44:103+B*57:24	
B*44:58N+B*51:70	B*44:78+B*51:41N	
B*44:64:01+B*48:03:01	B*44:64:02+B*48:03:02	
B*44:64:01+B*55:02:04	B*44:64:02+B*55:02:01G	
B*44:76+B*51:01:01G	B*44:79+B*51:29	
B*44:76+B*51:16	B*44:79+B*51:82	
B*44:76+B*53:05	B*44:79+B*53:16	
B*44:76+B*53:13	B*44:79+B*53:11	
B*44:76+B*54:02	B*44:103+B*54:20	
B*44:76+B*55:24	B*44:79+B*55:09	
B*44:76+B*57:03:01	B*44:79+B*57:02:01	
B*44:77+B*51:90	B*44:107+B*51:01:01G	
B*44:77+B*51:92	B*44:107+B*51:13:01	
B*44:77+B*52:12	B*44:107+B*52:01:01G	
B*44:77+B*54:16	B*44:107+B*54:01:01G	
B*44:77+B*55:23	B*44:107+B*55:32	
B*44:77+B*55:46	B*44:107+B*55:02:01G	
B*44:79+B*45:11	B*44:102+B*50:02	
B*44:79+B*53:01:02	B*44:81+B*53:08:01	
B*44:79+B*53:05	B*44:109+B*53:08:01	
B*44:79+B*55:30	B*44:85+B*55:01:01G	
B*44:81+B*53:05	B*44:109+B*53:01:02	
B*44:90+B*51:07:01	B*44:95+B*56:06	
B*44:91+B*45:11	B*44:102+B*45:04	
B*44:105+B*46:12	B*44:110+B*46:05	
B*45:01:01G+B*46:01:01G	B*45:04+B*46:17	
B*45:01:01G+B*49:04	B*45:09+B*49:01:01	
B*45:01:01G+B*50:01:01	B*45:04+B*50:02	
B*45:01:01G+B*50:09	B*45:02+B*50:01:01	
B*45:01:01G+B*51:02:01	B*45:04+B*51:23	
B*45:01:01G+B*51:13:02	B*45:02+B*51:106	
B*45:01:01G+B*51:34	B*45:10+B*51:23	
B*45:01:01G+B*51:53	B*45:11+B*51:01:01G	
B*45:01:01G+B*51:63	B*50:02+B*51:97	
B*45:01:01G+B*52:08	B*45:10+B*52:15	
B*45:01:01G+B*55:13	B*45:02+B*55:02:01G	
B*45:01:01G+B*55:23	B*45:09+B*55:41	
B*45:01:01G+B*56:22	B*45:02+B*56:01:01G	
B*45:01:01G+B*56:25	B*50:02+B*56:13	
B*45:01:01G+B*57:03:01	B*45:04+B*57:07	
B*45:01:01G+B*57:22	B*50:02+B*57:24	
B*45:01:01G+B*58:02	B*45:04+B*58:07	
B*45:01:01G+B*59:03	B*45:02+B*59:01	
B*45:02+B*53:08:01	B*50:09+B*53:22	
B*45:04+B*46:18	B*45:08+B*46:11	
B*45:04+B*46:21:01	B*45:08+B*46:13:03	
B*45:04+B*46:21:02	B*45:08+B*46:13:01	
B*45:04+B*49:07	B*45:10+B*49:01:01	
B*45:04+B*51:01:01G	B*50:01:01+B*51:08	

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B*45:04+B*51:16	B*45:10+B*51:01:01G		
B*45:04+B*51:21	B*45:08+B*51:01:01G		
B*45:04+B*51:31	B*45:10+B*51:09:01		
B*45:04+B*51:34	B*45:10+B*51:02:01		
B*45:04+B*51:63	B*50:01:01+B*51:97		
B*45:04+B*51:82	B*45:10+B*51:29		
B*45:04+B*52:01:01G	B*50:01:01+B*52:19		
B*45:04+B*52:08	B*45:10+B*52:01:01G		
B*45:04+B*54:01:01G	B*45:08+B*54:03		
B*45:04+B*55:01:01G	B*45:08+B*56:25		
B*45:04+B*55:02:01G	B*45:08+B*56:01:01G		
B*45:04+B*55:13	B*45:08+B*56:22		
B*45:04+B*55:22	B*45:10+B*56:01:01G		
B*45:04+B*55:24	B*45:10+B*56:25		
B*45:04+B*56:10	B*45:08+B*56:02		
B*45:04+B*56:25	B*50:01:01+B*56:13		
B*45:04+B*57:22	B*50:01:01+B*57:24		
B*45:04+B*57:25	B*45:10+B*57:01:01G		
B*45:04+B*57:26	B*45:08+B*57:01:01G		
B*45:04+B*59:01	B*45:08+B*59:04		
B*45:04+B*78:07	B*45:08+B*78:01		
B*45:08+B*51:16	B*45:10+B*51:21		
B*45:08+B*55:22	B*45:10+B*55:02:01G		
B*45:08+B*55:24	B*45:10+B*55:01:01G		
B*45:08+B*57:25	B*45:10+B*57:26		
B*46:01:01G+B*46:13:01	B*46:01:03+B*46:13:03		
B*46:01:01G+B*46:13:03	B*46:08+B*46:09		
B*46:01:01G+B*46:21:02	B*46:01:03+B*46:21:01		
B*46:01:01G+B*48:01:01G	B*46:08+B*48:19	B*46:09+B*48:15	B*46:12+B*48:03:01
B*46:01:01G+B*49:01:01	B*46:14+B*49:10		
B*46:01:01G+B*49:11	B*46:09+B*49:01:01		
B*46:01:01G+B*50:02	B*46:17+B*50:01:01		
B*46:01:01G+B*51:01:17	B*46:01:05+B*51:01:01G		
B*46:01:01G+B*51:09:01	B*46:09+B*51:01:01G	B*46:13:01+B*51:61	
B*46:01:01G+B*51:09:02	B*46:09+B*51:01:02		
B*46:01:01G+B*51:23	B*46:17+B*51:02:01		
B*46:01:01G+B*51:24:04	B*46:01:03+B*51:24:03		
B*46:01:01G+B*51:31	B*46:09+B*51:16		
B*46:01:01G+B*51:64	B*46:12+B*51:06		
B*46:01:01G+B*52:01:02	B*46:08+B*52:21		
B*46:01:01G+B*52:10	B*46:09+B*52:01:01G		
B*46:01:01G+B*52:15	B*46:17+B*52:01:01G		
B*46:01:01G+B*53:01:01	B*46:01:03+B*53:01:03	B*46:09+B*53:08:01	
B*46:01:01G+B*53:01:03	B*46:09+B*53:08:02		
B*46:01:01G+B*53:08:01	B*46:01:03+B*53:08:02		
B*46:01:01G+B*54:01:01G	B*46:18+B*54:06		
B*46:01:01G+B*54:03	B*46:11+B*54:06		
B*46:01:01G+B*54:09	B*46:21:02+B*54:06		
B*46:01:01G+B*54:10	B*46:09+B*54:20		
B*46:01:01G+B*55:01:01G	B*46:08+B*55:21		
B*46:01:01G+B*55:02:01G	B*46:09+B*55:01:01G	B*46:13:03+B*55:21	
B*46:01:01G+B*55:16	B*46:14+B*55:02:01G		
B*46:01:01G+B*55:19	B*46:20+B*55:02:01G		
B*46:01:01G+B*55:22	B*46:09+B*55:24		
B*46:01:01G+B*56:01:01G	B*46:01:03+B*56:01:03	B*46:09+B*56:25	
B*46:01:01G+B*56:19N	B*46:07N+B*56:01:01G		
B*46:01:01G+B*57:01:01G	B*46:09+B*57:22		
B*46:01:01G+B*57:07	B*46:17+B*57:03:01		
B*46:01:01G+B*58:01:01G	B*46:01:03+B*58:01:05	B*46:09+B*58:19	
B*46:01:01G+B*58:02	B*46:09+B*58:06		
B*46:01:01G+B*58:07	B*46:17+B*58:02		
B*46:01:01G+B*58:18	B*46:12+B*58:16		
B*46:01:01G+B*81:05	B*46:16+B*81:01:01G		
B*46:01:03+B*51:40	B*46:09+B*51:02:01		
B*46:01:03+B*55:02:01G	B*46:13:01+B*55:21		
B*46:01:05+B*51:09:01	B*46:09+B*51:01:17		
B*46:03+B*51:09:01	B*46:21:01+B*51:29		
B*46:03+B*51:31	B*46:21:01+B*51:82		
B*46:03+B*54:01:01G	B*46:21:01+B*54:20		
B*46:03+B*54:03	B*46:08+B*54:10	B*46:13:03+B*54:20	
B*46:03+B*55:22	B*46:21:01+B*55:09		
B*46:03+B*56:01:01G	B*46:08+B*55:37		
B*46:08+B*48:01:01G	B*46:13:03+B*48:15		
B*46:08+B*49:11	B*46:13:03+B*49:01:01		
B*46:08+B*51:09:01	B*46:13:03+B*51:01:01G		
B*46:08+B*51:09:02	B*46:13:03+B*51:01:02		
B*46:08+B*51:19	B*46:19+B*51:01:01G		
B*46:08+B*51:31	B*46:13:03+B*51:16		
B*46:08+B*52:10	B*46:13:03+B*52:01:01G		
B*46:08+B*53:01:01	B*46:13:01+B*53:08:02	B*46:13:03+B*53:08:01	
B*46:08+B*53:01:03	B*46:13:03+B*53:08:02		
B*46:08+B*55:02:01G	B*46:13:03+B*55:01:01G	B*46:21:01+B*56:25	
B*46:08+B*55:22	B*46:13:03+B*55:24		
B*46:08+B*56:01:01G	B*46:13:03+B*56:25		
B*46:08+B*57:01:01G	B*46:13:03+B*57:22		
B*46:08+B*57:26	B*46:21:01+B*57:22		
B*46:08+B*58:01:01G	B*46:13:03+B*58:19		
B*46:08+B*58:02	B*46:13:03+B*58:06		
B*46:09+B*48:01:01G	B*46:13:03+B*48:19		
B*46:09+B*51:21	B*46:21:02+B*51:61		
B*46:09+B*52:01:02	B*46:13:03+B*52:21		
B*46:09+B*52:15	B*46:17+B*52:10		
B*46:11+B*46:21:01	B*46:13:03+B*46:18		
B*46:11+B*46:21:02	B*46:13:01+B*46:18		
B*46:11+B*51:21	B*46:18+B*51:01:01G		
B*46:11+B*54:01:01G	B*46:18+B*54:03		
B*46:11+B*54:09	B*46:13:01+B*54:01:01G	B*46:21:02+B*54:03	
B*46:11+B*55:01:01G	B*46:18+B*56:25		
B*46:11+B*55:02:01G	B*46:18+B*56:01:01G		
B*46:11+B*55:13	B*46:18+B*56:22		
B*46:11+B*56:10	B*46:18+B*56:02		
B*46:11+B*56:18	B*46:13:01+B*55:02:01G	B*46:21:02+B*56:01:01G	
B*46:11+B*57:26	B*46:18+B*57:01:01G		
B*46:11+B*59:01	B*46:18+B*59:04		
B*46:11+B*78:07	B*46:18+B*78:01		

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B*46:13:01+B*46:21:01	B*46:13:03+B*46:21:02	
B*46:13:01+B*51:21	B*46:21:02+B*51:01:01G	
B*46:13:01+B*51:24:03	B*46:13:03+B*51:24:04	
B*46:13:01+B*53:01:03	B*46:13:03+B*53:01:01	
B*46:13:01+B*55:01:01G	B*46:21:02+B*56:25	
B*46:13:01+B*55:13	B*46:21:02+B*56:22	
B*46:13:01+B*56:01:03	B*46:13:03+B*56:01:01G	
B*46:13:01+B*56:10	B*46:21:02+B*56:02	
B*46:13:01+B*57:26	B*46:21:02+B*57:01:01G	
B*46:13:01+B*58:01:05	B*46:13:03+B*58:01:01G	
B*46:13:01+B*59:01	B*46:21:02+B*59:04	
B*46:13:01+B*78:07	B*46:21:02+B*78:01	
B*46:13:03+B*51:19	B*46:19+B*51:09:01	
B*46:13:03+B*51:21	B*46:21:01+B*51:01:01G	
B*46:13:03+B*51:101	B*46:19+B*51:21	
B*46:13:03+B*54:01:01G	B*46:21:01+B*54:03	
B*46:13:03+B*55:02:01G	B*46:21:01+B*56:01:01G	B*46:21:02+B*56:01:03
B*46:13:03+B*55:13	B*46:21:01+B*56:22	
B*46:13:03+B*56:10	B*46:21:01+B*56:02	
B*46:13:03+B*57:26	B*46:21:01+B*57:01:01G	
B*46:13:03+B*59:01	B*46:21:01+B*59:04	
B*46:13:03+B*78:07	B*46:21:01+B*78:01	
B*46:14+B*55:19	B*46:20+B*55:16	
B*46:18+B*54:09	B*46:21:02+B*54:01:01G	
B*46:18+B*56:18	B*46:21:02+B*55:02:01G	
B*46:21:01+B*51:24:04	B*46:21:02+B*51:24:03	
B*46:21:01+B*53:01:01	B*46:21:02+B*53:01:03	
B*46:21:01+B*53:08:01	B*46:21:02+B*53:08:02	
B*46:21:01+B*58:01:01G	B*46:21:02+B*58:01:05	
B*47:04+B*53:03	B*47:05+B*53:13	
B*48:01:01G+B*48:13	B*48:04+B*48:10	
B*48:01:01G+B*49:01:01	B*48:15+B*49:11	
B*48:01:01G+B*51:01:01G	B*48:06+B*52:01:02	B*48:15+B*51:09:01
B*48:01:01G+B*51:01:02	B*48:06+B*52:01:01G	B*48:15+B*51:09:02
B*48:01:01G+B*51:02:02	B*48:06+B*52:11	
B*48:01:01G+B*51:06	B*48:03:01+B*51:64	
B*48:01:01G+B*51:09:02	B*48:06+B*52:10	
B*48:01:01G+B*51:13:01	B*48:07+B*51:01:04	
B*48:01:01G+B*51:13:02	B*48:07+B*51:01:01G	
B*48:01:01G+B*51:16	B*48:15+B*51:31	
B*48:01:01G+B*51:104	B*48:06+B*52:02	
B*48:01:01G+B*52:01:01G	B*48:15+B*52:10	B*48:18+B*78:06
B*48:01:01G+B*52:14	B*48:07+B*52:01:05	
B*48:01:01G+B*52:21	B*48:19+B*52:01:02	
B*48:01:01G+B*53:08:01	B*48:15+B*53:01:01	
B*48:01:01G+B*53:08:02	B*48:15+B*53:01:03	
B*48:01:01G+B*54:20	B*48:15+B*54:10	
B*48:01:01G+B*55:01:01G	B*48:15+B*55:02:01G	
B*48:01:01G+B*55:21	B*48:19+B*55:01:01G	
B*48:01:01G+B*55:24	B*48:15+B*55:22	
B*48:01:01G+B*56:22	B*48:07+B*56:15	
B*48:01:01G+B*56:25	B*48:15+B*56:01:01G	
B*48:01:01G+B*57:22	B*48:15+B*57:01:01G	
B*48:01:01G+B*58:06	B*48:15+B*58:02	
B*48:01:01G+B*58:16	B*48:03:01+B*58:18	
B*48:01:01G+B*58:19	B*48:15+B*58:01:01G	
B*48:01:01G+B*78:02:01	B*48:06+B*78:05	
B*48:02:01+B*58:27	B*48:13+B*58:01:01G	
B*48:03:01+B*51:01:01G	B*48:03:02+B*51:01:16	
B*48:03:01+B*51:37	B*48:23+B*51:01:01G	
B*48:03:01+B*54:14	B*48:23+B*54:04	
B*48:03:01+B*55:02:01G	B*48:03:02+B*55:02:04	
B*48:03:01+B*57:01:01G	B*48:23+B*57:03:01	
B*48:03:01+B*57:19	B*48:23+B*57:02:01	
B*48:04+B*57:27	B*48:24+B*57:01:01G	
B*48:06+B*52:09	B*48:18+B*78:02:02	
B*48:06+B*52:21	B*48:19+B*51:01:01G	
B*48:06+B*56:06	B*78:02:02+B*81:01:01G	
B*48:07+B*55:28	B*48:15+B*55:13	
B*48:10+B*51:01:01G	B*48:12+B*51:24:03	
B*48:10+B*51:01:04	B*48:12+B*51:24:02	
B*48:18+B*56:06	B*52:09+B*81:01:01G	
B*49:01:01+B*51:01:01G	B*49:09+B*51:02:01	
B*49:01:01+B*51:01:02	B*49:09+B*51:02:02	
B*49:01:01+B*51:01:04	B*49:09+B*51:02:04	
B*49:01:01+B*51:06	B*49:09+B*51:59	
B*49:01:01+B*51:09:01	B*49:11+B*51:01:01G	
B*49:01:01+B*51:09:02	B*49:11+B*51:01:02	
B*49:01:01+B*51:16	B*49:07+B*51:01:01G	B*49:09+B*51:34
B*49:01:01+B*51:31	B*49:07+B*51:09:01	B*49:11+B*51:16
B*49:01:01+B*51:34	B*49:07+B*51:02:01	
B*49:01:01+B*51:54	B*49:02+B*51:05	
B*49:01:01+B*51:78	B*49:02+B*51:01:01G	
B*49:01:01+B*51:82	B*49:07+B*51:29	
B*49:01:01+B*52:01:01G	B*49:09+B*52:11	
B*49:01:01+B*52:08	B*49:07+B*52:01:01G	
B*49:01:01+B*52:10	B*49:11+B*52:01:01G	
B*49:01:01+B*52:20	B*49:02+B*52:01:01G	
B*49:01:01+B*53:01:01	B*49:11+B*53:08:01	
B*49:01:01+B*53:01:03	B*49:11+B*53:08:02	
B*49:01:01+B*53:02	B*49:09+B*53:01:01	
B*49:01:01+B*53:11	B*49:02+B*53:24	
B*49:01:01+B*53:12	B*49:02+B*53:05	
B*49:01:01+B*53:13	B*49:02+B*53:01:01	
B*49:01:01+B*54:01:01G	B*50:01:01+B*54:12	
B*49:01:01+B*54:10	B*49:11+B*54:20	
B*49:01:01+B*55:02:01G	B*49:10+B*55:16	B*49:11+B*55:01:01G
B*49:01:01+B*55:22	B*49:07+B*56:01:01G	B*49:11+B*55:24
B*49:01:01+B*55:23	B*49:04+B*55:41	
B*49:01:01+B*55:24	B*49:07+B*56:25	
B*49:01:01+B*56:01:01G	B*49:11+B*56:25	
B*49:01:01+B*56:05:02	B*50:01:01+B*56:21	
B*49:01:01+B*57:01:01G	B*49:11+B*57:22	
B*49:01:01+B*57:12	B*50:01:01+B*57:02:01	
B*49:01:01+B*57:25	B*49:07+B*57:01:01G	

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B*49:01:01+B*58:01:01G	B*49:11+B*58:19			
B*49:01:01+B*58:02	B*49:11+B*58:06			
B*49:01:01+B*58:09	B*49:09+B*58:01:01G			
B*49:01:01+B*58:13	B*49:06+B*58:01:01G			
B*49:01:01+B*78:02:01	B*50:01:01+B*51:01:02			
B*49:01:01+B*78:02:02	B*50:01:01+B*51:01:01G	B*50:07+B*51:74		
B*49:01:01+B*78:05	B*50:01:01+B*52:01:01G			
B*49:02+B*51:09:01	B*49:11+B*51:78			
B*49:02+B*51:16	B*49:07+B*51:78			
B*49:02+B*52:08	B*49:07+B*52:20			
B*49:02+B*52:10	B*49:11+B*52:20			
B*49:02+B*53:02	B*49:09+B*53:13			
B*49:02+B*56:01:01G	B*50:01:01+B*56:07			
B*49:02+B*56:22	B*50:09+B*56:07			
B*49:02+B*78:02:02	B*50:01:01+B*51:78			
B*49:02+B*78:05	B*50:01:01+B*52:20			
B*49:06+B*58:09	B*49:09+B*58:13			
B*49:07+B*52:10	B*49:11+B*52:08			
B*49:07+B*78:02:02	B*50:01:01+B*51:16			
B*49:07+B*78:05	B*50:01:01+B*52:08			
B*49:09+B*52:03	B*49:11+B*52:01:02			
B*49:09+B*78:04	B*49:11+B*78:02:01	B*50:01:01+B*51:09:02		
B*49:11+B*78:02:02	B*50:01:01+B*51:09:01			
B*49:11+B*78:05	B*50:01:01+B*52:10			
B*50:01:01+B*51:13:02	B*50:09+B*51:106			
B*50:01:01+B*51:23	B*50:02+B*51:02:01			
B*50:01:01+B*52:15	B*50:02+B*52:01:01G			
B*50:01:01+B*55:07	B*50:06+B*55:02:01G			
B*50:01:01+B*55:13	B*50:09+B*55:02:01G			
B*50:01:01+B*56:22	B*50:09+B*56:01:01G			
B*50:01:01+B*57:07	B*50:02+B*57:03:01			
B*50:01:01+B*58:07	B*50:02+B*58:02			
B*50:01:01+B*59:03	B*50:09+B*59:01			
B*50:06+B*55:13	B*50:09+B*55:07			
B*51:01:01G+B*51:02:02	B*51:01:02+B*51:02:01			
B*51:01:01G+B*51:02:04	B*51:01:04+B*51:02:01			
B*51:01:01G+B*51:07:02	B*51:01:02+B*51:07:01			
B*51:01:01G+B*51:09:02	B*51:01:02+B*51:09:01			
B*51:01:01G+B*51:13:01	B*51:01:04+B*51:13:02			
B*51:01:01G+B*51:24:02	B*51:01:04+B*51:24:03			
B*51:01:01G+B*51:31	B*51:09:01+B*51:16			
B*51:01:01G+B*51:34	B*51:02:01+B*51:16			
B*51:01:01G+B*51:37	B*51:63+B*51:90			
B*51:01:01G+B*51:54	B*51:05+B*51:78			
B*51:01:01G+B*51:59	B*51:02:01+B*51:06			
B*51:01:01G+B*51:81	B*51:10+B*51:64			
B*51:01:01G+B*51:82	B*51:16+B*51:29			
B*51:01:01G+B*51:92	B*51:13:01+B*51:90			
B*51:01:01G+B*51:97	B*51:08+B*51:63			
B*51:01:01G+B*52:01:01G	B*51:01:02+B*52:01:02	B*51:07:02+B*52:06:02		
B*51:01:01G+B*52:01:02	B*51:07:01+B*52:06:02			
B*51:01:01G+B*52:01:03	B*51:07:02+B*52:06:01			
B*51:01:01G+B*52:01:05	B*51:01:04+B*52:01:01G			
B*51:01:01G+B*52:02	B*51:104+B*52:01:02			
B*51:01:01G+B*52:08	B*51:16+B*52:01:01G			
B*51:01:01G+B*52:10	B*51:09:01+B*52:01:01G	B*51:09:02+B*52:01:02		
B*51:01:01G+B*52:11	B*51:02:01+B*52:01:01G	B*51:02:02+B*52:01:02		
B*51:01:01G+B*52:12	B*51:90+B*52:01:01G			
B*51:01:01G+B*52:14	B*51:13:01+B*52:01:01G	B*51:13:02+B*52:01:05		
B*51:01:01G+B*52:19	B*51:08+B*52:01:01G			
B*51:01:01G+B*52:20	B*51:78+B*52:01:01G			
B*51:01:01G+B*53:01:01	B*51:02:01+B*53:02	B*51:09:01+B*53:08:01		
B*51:01:01G+B*53:01:03	B*51:09:01+B*53:08:02			
B*51:01:01G+B*53:02	B*51:09:02+B*53:06			
B*51:01:01G+B*53:08:01	B*51:02:02+B*53:06			
B*51:01:01G+B*53:09	B*51:07:01+B*53:13			
B*51:01:01G+B*53:11	B*51:29+B*53:13	B*51:54+B*53:06	B*51:78+B*53:24	
B*51:01:01G+B*53:12	B*51:78+B*53:05			
B*51:01:01G+B*53:13	B*51:78+B*53:01:01			
B*51:01:01G+B*53:16	B*51:29+B*53:05			
B*51:01:01G+B*53:21	B*51:57+B*53:01:01			
B*51:01:01G+B*53:24	B*51:05+B*53:06	B*51:29+B*53:01:01		
B*51:01:01G+B*54:01:01G	B*51:21+B*54:03	B*51:106+B*54:04	B*54:12+B*78:02:02	
B*51:01:01G+B*54:10	B*51:09:01+B*54:20	B*51:29+B*54:01:01G		
B*51:01:01G+B*54:13	B*51:43+B*54:01:01G			
B*51:01:01G+B*54:14	B*51:37+B*54:04			
B*51:01:01G+B*54:16	B*51:90+B*54:01:01G			
B*51:01:01G+B*55:01:01G	B*51:01:04+B*55:01:04	B*51:21+B*56:25	B*51:106+B*55:28	
B*51:01:01G+B*55:02:01G	B*51:09:01+B*55:01:01G	B*51:21+B*56:01:01G	B*56:06+B*59:01	
B*51:01:01G+B*55:02:04	B*51:01:16+B*55:02:01G			
B*51:01:01G+B*55:09	B*51:29+B*55:24	B*51:82+B*56:25		
B*51:01:01G+B*55:13	B*51:21+B*56:22	B*56:06+B*59:03		
B*51:01:01G+B*55:22	B*51:09:01+B*55:24	B*51:16+B*56:01:01G	B*51:31+B*56:25	
B*51:01:01G+B*55:23	B*51:90+B*55:32			
B*51:01:01G+B*55:24	B*51:16+B*56:25			
B*51:01:01G+B*55:26	B*51:73+B*55:01:01G			
B*51:01:01G+B*55:34	B*52:06:02+B*55:47			
B*51:01:01G+B*55:37	B*51:29+B*55:02:01G			
B*51:01:01G+B*55:38	B*51:106+B*55:17			
B*51:01:01G+B*55:40	B*52:06:02+B*55:01:01G			
B*51:01:01G+B*55:42	B*51:35+B*55:02:01G			
B*51:01:01G+B*55:46	B*51:90+B*55:02:01G			
B*51:01:01G+B*56:01:01G	B*51:09:01+B*56:25	B*51:15+B*56:05:01	B*51:106+B*56:15	B*56:06+B*59:04
B*51:01:01G+B*56:02	B*51:06+B*56:01:01G			
B*51:01:01G+B*56:04	B*51:06+B*56:27			
B*51:01:01G+B*56:05:02	B*51:01:02+B*56:05:01	B*56:21+B*78:02:02		
B*51:01:01G+B*56:10	B*51:06+B*55:02:01G	B*51:21+B*56:02		
B*51:01:01G+B*56:11	B*53:04+B*56:05:01			
B*51:01:01G+B*56:13	B*51:08+B*56:25			
B*51:01:01G+B*56:22	B*51:13:02+B*56:15			
B*51:01:01G+B*57:01:01G	B*51:09:01+B*57:22	B*51:37+B*57:03:01		
B*51:01:01G+B*57:02:01	B*51:29+B*57:03:01			
B*51:01:01G+B*57:10	B*51:57+B*57:01:01G			
B*51:01:01G+B*57:12	B*57:02:01+B*78:02:02			
B*51:01:01G+B*57:19	B*51:29+B*57:01:01G	B*51:37+B*57:02:01		

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B*51:01:01G+B*57:24	B*51:08+B*57:22		
B*51:01:01G+B*57:25	B*51:16+B*57:01:01G	B*51:31+B*57:22	
B*51:01:01G+B*57:26	B*51:21+B*57:01:01G		
B*51:01:01G+B*57:32	B*51:85+B*57:03:01		
B*51:01:01G+B*57:34	B*51:67+B*57:01:01G		
B*51:01:01G+B*58:01:01G	B*51:02:01+B*58:09	B*51:09:01+B*58:19	B*53:01:01+B*58:08
B*51:01:01G+B*58:01:05	B*53:01:03+B*58:08		
B*51:01:01G+B*58:01:08	B*51:01:18+B*58:01:01G		
B*51:01:01G+B*58:02	B*51:09:01+B*58:06		
B*51:01:01G+B*58:09	B*53:02+B*58:08		
B*51:01:01G+B*58:18	B*53:14+B*58:08		
B*51:01:01G+B*58:19	B*53:08:01+B*58:08		
B*51:01:01G+B*58:22	B*51:29+B*58:01:01G	B*53:24+B*58:08	
B*51:01:01G+B*59:01	B*51:21+B*59:04		
B*51:01:01G+B*67:03	B*51:24:04+B*67:01:01		
B*51:01:01G+B*78:02:01	B*51:01:02+B*78:02:02		
B*51:01:01G+B*78:03	B*51:22+B*78:01		
B*51:01:01G+B*78:05	B*52:01:01G+B*78:02:02	B*52:01:02+B*78:02:01	
B*51:01:01G+B*78:07	B*51:21+B*78:01		
B*51:01:02+B*51:02:04	B*51:01:04+B*51:02:02		
B*51:01:02+B*51:31	B*51:09:02+B*51:16		
B*51:01:02+B*51:34	B*51:02:02+B*51:16		
B*51:01:02+B*51:59	B*51:02:02+B*51:06		
B*51:01:02+B*52:02	B*51:104+B*52:01:01G		
B*51:01:02+B*52:03	B*51:02:01+B*52:10	B*51:09:01+B*52:11	
B*51:01:02+B*52:10	B*51:09:02+B*52:01:01G		
B*51:01:02+B*52:11	B*51:02:02+B*52:01:01G		
B*51:01:02+B*53:01:01	B*51:02:02+B*53:02	B*51:09:02+B*53:08:01	
B*51:01:02+B*53:01:03	B*51:09:02+B*53:08:02		
B*51:01:02+B*53:09	B*51:07:02+B*53:13		
B*51:01:02+B*54:01:01G	B*54:12+B*78:02:01		
B*51:01:02+B*54:10	B*51:09:02+B*54:20		
B*51:01:02+B*55:22	B*51:09:02+B*55:24		
B*51:01:02+B*56:01:01G	B*51:09:02+B*56:25	B*51:15+B*56:05:02	
B*51:01:02+B*56:05:02	B*56:21+B*78:02:01		
B*51:01:02+B*57:01:01G	B*51:09:02+B*57:22		
B*51:01:02+B*57:01:07	B*51:01:09+B*57:01:01G		
B*51:01:02+B*57:12	B*57:02:01+B*78:02:01		
B*51:01:02+B*58:01:01G	B*51:02:02+B*58:09	B*51:09:02+B*58:19	
B*51:01:02+B*58:02	B*51:09:02+B*58:06		
B*51:01:02+B*78:05	B*52:01:01G+B*78:02:01		
B*51:01:04+B*51:34	B*51:02:04+B*51:16		
B*51:01:04+B*51:59	B*51:02:04+B*51:06		
B*51:01:04+B*52:08	B*51:16+B*52:01:05		
B*51:01:04+B*52:10	B*51:09:01+B*52:01:05		
B*51:01:04+B*52:11	B*51:02:01+B*52:01:05	B*51:02:04+B*52:01:01G	
B*51:01:04+B*52:12	B*51:90+B*52:01:05		
B*51:01:04+B*52:14	B*51:13:01+B*52:01:05		
B*51:01:04+B*52:19	B*51:08+B*52:01:05		
B*51:01:04+B*52:20	B*51:78+B*52:01:05		
B*51:01:04+B*53:01:01	B*51:02:04+B*53:02		
B*51:01:04+B*56:02	B*51:62+B*56:15		
B*51:01:04+B*56:20	B*51:24:01+B*56:01:01G		
B*51:01:04+B*56:22	B*51:13:01+B*56:15		
B*51:01:04+B*57:31	B*51:24:01+B*57:01:01G		
B*51:01:04+B*58:01:01G	B*51:02:04+B*58:09		
B*51:01:04+B*78:05	B*52:01:05+B*78:02:02		
B*51:01:16+B*55:37	B*51:29+B*55:02:04		
B*51:01:16+B*55:42	B*51:35+B*55:02:04		
B*51:01:16+B*55:46	B*51:90+B*55:02:04		
B*51:01:16+B*56:10	B*51:06+B*55:02:04		
B*51:01:18+B*58:22	B*51:29+B*58:01:08		
B*51:02:01+B*51:07:02	B*51:02:02+B*51:07:01		
B*51:02:01+B*51:09:02	B*51:02:02+B*51:09:01		
B*51:02:01+B*51:13:01	B*51:02:04+B*51:13:02		
B*51:02:01+B*51:24:02	B*51:02:04+B*51:24:03		
B*51:02:01+B*51:31	B*51:09:01+B*51:34		
B*51:02:01+B*51:82	B*51:29+B*51:34		
B*51:02:01+B*52:08	B*51:16+B*52:11	B*51:34+B*52:01:01G	
B*51:02:01+B*52:12	B*51:90+B*52:11		
B*51:02:01+B*52:14	B*51:13:01+B*52:11		
B*51:02:01+B*52:15	B*51:23+B*52:01:01G		
B*51:02:01+B*52:19	B*51:08+B*52:11		
B*51:02:01+B*52:20	B*51:78+B*52:11		
B*51:02:01+B*53:01:03	B*51:40+B*53:08:01		
B*51:02:01+B*55:01:01G	B*51:02:04+B*55:01:04		
B*51:02:01+B*55:22	B*51:34+B*56:01:01G		
B*51:02:01+B*55:24	B*51:34+B*56:25		
B*51:02:01+B*56:01:03	B*51:40+B*56:25		
B*51:02:01+B*56:02	B*51:59+B*56:01:01G		
B*51:02:01+B*56:04	B*51:59+B*56:27		
B*51:02:01+B*56:05:02	B*51:02:02+B*56:05:01		
B*51:02:01+B*56:10	B*51:59+B*55:02:01G		
B*51:02:01+B*57:07	B*51:23+B*57:03:01		
B*51:02:01+B*57:25	B*51:34+B*57:01:01G		
B*51:02:01+B*58:01:05	B*51:40+B*58:19		
B*51:02:01+B*58:07	B*51:23+B*58:02		
B*51:02:01+B*78:02:01	B*51:02:02+B*78:02:02		
B*51:02:01+B*78:05	B*52:11+B*78:02:02		
B*51:02:02+B*51:31	B*51:09:02+B*51:34		
B*51:02:02+B*52:02	B*51:104+B*52:11		
B*51:02:02+B*52:10	B*51:09:02+B*52:11		
B*51:02:02+B*53:11	B*51:54+B*53:08:01		
B*51:02:02+B*53:24	B*51:05+B*53:08:01		
B*51:02:02+B*55:37	B*51:05+B*55:01:01G		
B*51:02:02+B*57:19	B*51:05+B*57:22		
B*51:02:02+B*58:22	B*51:05+B*58:19		
B*51:02:02+B*78:05	B*52:11+B*78:02:01		
B*51:02:04+B*52:08	B*51:34+B*52:01:05		
B*51:02:04+B*52:15	B*51:23+B*52:01:05		
B*51:04+B*53:14	B*51:64+B*53:01:01		
B*51:04+B*58:16	B*51:06+B*58:01:01G	B*51:59+B*58:09	
B*51:04+B*58:18	B*51:64+B*58:01:01G		
B*51:05+B*52:20	B*51:54+B*52:01:01G		
B*51:05+B*53:02	B*51:09:02+B*53:24		

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B*51:05+B*53:11	B*51:54+B*53:24	
B*51:05+B*53:12	B*51:54+B*53:05	
B*51:05+B*53:13	B*51:54+B*53:01:01	
B*51:05+B*58:09	B*51:09:02+B*58:22	
B*51:05+B*78:02:02	B*51:29+B*78:04	
B*51:06+B*51:34	B*51:16+B*51:59	
B*51:06+B*52:11	B*51:59+B*52:01:01G	
B*51:06+B*53:01:01	B*51:59+B*53:02	
B*51:06+B*55:22	B*51:16+B*56:02	
B*51:06+B*55:37	B*51:29+B*56:10	
B*51:06+B*55:42	B*51:35+B*56:10	
B*51:06+B*55:46	B*51:90+B*56:10	
B*51:06+B*58:18	B*51:64+B*58:16	
B*51:07:01+B*51:09:02	B*51:07:02+B*51:09:01	
B*51:07:01+B*52:01:01G	B*51:07:02+B*52:01:02	
B*51:07:01+B*53:11	B*51:29+B*53:09	
B*51:07:01+B*55:34	B*52:01:02+B*55:47	
B*51:07:01+B*55:40	B*52:01:02+B*55:01:01G	
B*51:07:01+B*56:05:02	B*51:07:02+B*56:05:01	
B*51:07:01+B*78:02:01	B*51:07:02+B*78:02:02	
B*51:07:02+B*55:34	B*52:01:01G+B*55:47	
B*51:07:02+B*55:40	B*52:01:01G+B*55:01:01G	B*52:01:05+B*55:01:04
B*51:08+B*51:37	B*51:90+B*51:97	
B*51:08+B*52:08	B*51:16+B*52:19	
B*51:08+B*52:10	B*51:09:01+B*52:19	
B*51:08+B*52:12	B*51:90+B*52:19	
B*51:08+B*52:14	B*51:13:01+B*52:19	
B*51:08+B*52:20	B*51:78+B*52:19	
B*51:08+B*53:23	B*51:20+B*53:01:01	
B*51:08+B*55:01:01G	B*51:20+B*55:31	B*51:21+B*56:13
B*51:08+B*55:09	B*51:82+B*56:13	
B*51:08+B*55:22	B*51:31+B*56:13	
B*51:08+B*55:24	B*51:16+B*56:13	
B*51:08+B*56:01:01G	B*51:09:01+B*56:13	
B*51:08+B*57:01:01G	B*51:09:01+B*57:24	
B*51:08+B*57:25	B*51:31+B*57:24	
B*51:08+B*78:01	B*51:20+B*78:02:02	
B*51:08+B*78:05	B*52:19+B*78:02:02	
B*51:09:01+B*51:82	B*51:29+B*51:31	
B*51:09:01+B*51:101	B*51:19+B*51:21	
B*51:09:01+B*52:08	B*51:16+B*52:10	B*51:31+B*52:01:01G
B*51:09:01+B*52:12	B*51:90+B*52:10	
B*51:09:01+B*52:14	B*51:13:01+B*52:10	
B*51:09:01+B*52:20	B*51:78+B*52:10	
B*51:09:01+B*53:01:03	B*51:40+B*53:02	
B*51:09:01+B*55:09	B*51:29+B*55:22	B*51:82+B*56:01:01G
B*51:09:01+B*55:22	B*51:31+B*56:01:01G	
B*51:09:01+B*55:26	B*51:73+B*55:02:01G	
B*51:09:01+B*55:28	B*51:21+B*56:15	
B*51:09:01+B*55:38	B*51:21+B*56:27	
B*51:09:01+B*55:40	B*52:06:02+B*55:02:01G	
B*51:09:01+B*56:05:02	B*51:09:02+B*56:05:01	
B*51:09:01+B*57:01:01G	B*51:40+B*57:14	
B*51:09:01+B*57:25	B*51:31+B*57:01:01G	
B*51:09:01+B*58:01:05	B*51:40+B*58:09	
B*51:09:01+B*78:02:01	B*51:09:02+B*78:02:02	
B*51:09:01+B*78:05	B*52:10+B*78:02:02	
B*51:09:02+B*52:02	B*51:104+B*52:10	
B*51:09:02+B*53:11	B*51:54+B*53:02	
B*51:09:02+B*78:05	B*52:10+B*78:02:01	
B*51:13:01+B*51:24:03	B*51:13:02+B*51:24:02	
B*51:13:01+B*51:37	B*51:63+B*51:92	
B*51:13:01+B*52:08	B*51:16+B*52:14	
B*51:13:01+B*52:12	B*51:90+B*52:14	B*51:92+B*52:01:01G
B*51:13:01+B*52:20	B*51:78+B*52:14	
B*51:13:01+B*54:16	B*51:92+B*54:01:01G	
B*51:13:01+B*55:01:04	B*51:13:02+B*55:01:01G	
B*51:13:01+B*55:23	B*51:92+B*55:32	
B*51:13:01+B*55:46	B*51:92+B*55:02:01G	
B*51:13:01+B*56:02	B*51:62+B*56:22	
B*51:13:01+B*56:10	B*51:62+B*55:13	
B*51:13:01+B*59:02	B*51:24:01+B*59:03	
B*51:13:01+B*78:05	B*52:14+B*78:02:02	
B*51:13:02+B*53:01:01	B*51:63+B*53:04	
B*51:13:02+B*55:02:01G	B*51:106+B*55:13	
B*51:13:02+B*55:23	B*51:37+B*55:13	
B*51:13:02+B*55:32	B*51:63+B*55:13	
B*51:13:02+B*56:01:01G	B*51:106+B*56:22	
B*51:13:02+B*56:09	B*51:63+B*56:11	
B*51:13:02+B*59:01	B*51:106+B*59:03	
B*51:15+B*56:11	B*53:04+B*56:01:01G	
B*51:16+B*52:12	B*51:90+B*52:08	
B*51:16+B*52:20	B*51:78+B*52:08	
B*51:16+B*53:01:01	B*51:31+B*53:08:01	B*51:34+B*53:02
B*51:16+B*53:01:03	B*51:31+B*53:08:02	
B*51:16+B*53:11	B*51:82+B*53:13	
B*51:16+B*53:16	B*51:82+B*53:05	
B*51:16+B*53:24	B*51:82+B*53:01:01	
B*51:16+B*54:10	B*51:31+B*54:20	B*51:82+B*54:01:01G
B*51:16+B*55:01:01G	B*51:21+B*55:24	
B*51:16+B*55:02:01G	B*51:21+B*55:22	B*51:31+B*55:01:01G
B*51:16+B*55:09	B*51:82+B*55:24	
B*51:16+B*55:22	B*51:31+B*55:24	
B*51:16+B*55:37	B*51:82+B*55:02:01G	
B*51:16+B*57:02:01	B*51:82+B*57:03:01	
B*51:16+B*57:10	B*51:57+B*57:25	
B*51:16+B*57:19	B*51:29+B*57:25	B*51:82+B*57:01:01G
B*51:16+B*57:26	B*51:21+B*57:25	
B*51:16+B*57:34	B*51:67+B*57:25	
B*51:16+B*58:01:01G	B*51:31+B*58:19	B*51:34+B*58:09
B*51:16+B*58:02	B*51:31+B*58:06	
B*51:16+B*58:22	B*51:82+B*58:01:01G	
B*51:16+B*78:05	B*52:08+B*78:02:02	
B*51:19+B*55:01:01G	B*51:101+B*56:01:01G	
B*51:19+B*55:28	B*51:101+B*56:15	

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B*51:19+B*55:38	B*51:101+B*56:27	
B*51:20+B*78:05	B*52:19+B*78:01	
B*51:21+B*55:09	B*51:82+B*55:01:01G	
B*51:21+B*57:10	B*51:57+B*57:26	
B*51:21+B*57:19	B*51:29+B*57:26	
B*51:21+B*57:34	B*51:67+B*57:26	
B*51:21+B*78:03	B*51:22+B*78:07	
B*51:23+B*52:08	B*51:34+B*52:15	
B*51:24:02+B*52:01:01G	B*51:24:03+B*52:01:05	
B*51:24:02+B*55:01:04	B*51:24:03+B*55:01:01G	
B*51:24:03+B*53:01:01	B*51:24:04+B*53:01:03	
B*51:24:03+B*53:08:01	B*51:24:04+B*53:08:02	
B*51:24:03+B*56:01:01G	B*51:24:04+B*56:01:03	
B*51:24:03+B*58:01:01G	B*51:24:04+B*58:01:05	
B*51:24:04+B*54:22	B*51:106+B*54:11	
B*51:24:04+B*56:04	B*51:106+B*55:08	
B*51:29+B*52:08	B*51:82+B*52:01:01G	
B*51:29+B*53:12	B*51:78+B*53:16	
B*51:29+B*53:21	B*51:57+B*53:24	
B*51:29+B*54:13	B*51:43+B*54:10	
B*51:29+B*54:16	B*51:90+B*54:10	
B*51:29+B*55:42	B*51:35+B*55:37	
B*51:29+B*55:46	B*51:90+B*55:37	
B*51:29+B*56:09	B*53:24+B*56:05:01	
B*51:29+B*57:10	B*51:57+B*57:19	
B*51:29+B*57:32	B*51:85+B*57:02:01	
B*51:29+B*57:34	B*51:67+B*57:19	
B*51:31+B*52:11	B*51:34+B*52:10	
B*51:31+B*55:09	B*51:82+B*55:22	
B*51:34+B*56:01:03	B*51:40+B*55:24	
B*51:34+B*56:02	B*51:59+B*55:22	
B*51:35+B*55:46	B*51:90+B*55:42	
B*51:37+B*51:62	B*51:45+B*51:106	
B*51:37+B*52:01:01G	B*51:63+B*52:12	
B*51:37+B*52:19	B*51:97+B*52:12	
B*51:37+B*54:01:01G	B*51:63+B*54:16	B*51:106+B*54:14
B*51:37+B*55:02:01G	B*51:63+B*55:46	B*51:106+B*55:23
B*51:37+B*55:32	B*51:63+B*55:23	
B*51:37+B*57:12	B*57:19+B*78:02:02	
B*51:37+B*57:32	B*51:85+B*57:01:01G	
B*51:40+B*52:21	B*51:61+B*52:03	
B*51:43+B*54:16	B*51:90+B*54:13	
B*51:45+B*54:01:01G	B*51:62+B*54:14	
B*51:45+B*55:02:01G	B*51:62+B*55:23	
B*51:57+B*53:13	B*51:78+B*53:21	
B*51:57+B*56:09	B*53:21+B*56:05:01	
B*51:57+B*57:34	B*51:67+B*57:10	
B*51:57+B*58:01:01G	B*53:21+B*58:08	
B*51:62+B*56:09	B*53:06+B*56:04	
B*51:63+B*52:19	B*51:97+B*52:01:01G	
B*51:63+B*55:02:01G	B*51:106+B*55:32	
B*51:63+B*56:13	B*51:97+B*56:25	
B*51:63+B*57:24	B*51:97+B*57:22	
B*51:73+B*55:40	B*52:06:02+B*55:26	
B*51:78+B*52:12	B*51:90+B*52:20	
B*51:78+B*56:01:01G	B*56:07+B*78:02:02	
B*51:78+B*56:09	B*53:13+B*56:05:01	
B*51:78+B*58:01:01G	B*53:13+B*58:08	
B*51:78+B*58:22	B*53:11+B*58:08	
B*51:78+B*78:05	B*52:20+B*78:02:02	
B*51:90+B*78:05	B*52:12+B*78:02:02	
B*51:104+B*78:05	B*52:02+B*78:02:01	
B*52:01:01G+B*52:06:01	B*52:01:03+B*52:06:02	
B*52:01:01G+B*53:01:01	B*52:10+B*53:08:01	B*52:11+B*53:02
B*52:01:01G+B*53:01:03	B*52:10+B*53:08:02	
B*52:01:01G+B*53:11	B*52:20+B*53:24	
B*52:01:01G+B*53:12	B*52:20+B*53:05	
B*52:01:01G+B*53:13	B*52:20+B*53:01:01	
B*52:01:01G+B*54:01:01G	B*54:12+B*78:05	
B*52:01:01G+B*54:10	B*52:10+B*54:20	
B*52:01:01G+B*54:16	B*52:12+B*54:01:01G	
B*52:01:01G+B*55:02:01G	B*52:10+B*55:01:01G	
B*52:01:01G+B*55:22	B*52:08+B*56:01:01G	B*52:10+B*55:24
B*52:01:01G+B*55:23	B*52:12+B*55:32	
B*52:01:01G+B*55:24	B*52:08+B*56:25	
B*52:01:01G+B*55:46	B*52:12+B*55:02:01G	
B*52:01:01G+B*56:01:01G	B*52:10+B*56:25	
B*52:01:01G+B*56:05:01	B*52:01:02+B*56:05:02	
B*52:01:01G+B*56:05:02	B*56:21+B*78:05	
B*52:01:01G+B*56:13	B*52:19+B*56:25	
B*52:01:01G+B*57:01:01G	B*52:10+B*57:22	
B*52:01:01G+B*57:07	B*52:15+B*57:03:01	
B*52:01:01G+B*57:12	B*57:02:01+B*78:05	
B*52:01:01G+B*57:24	B*52:19+B*57:22	
B*52:01:01G+B*57:25	B*52:08+B*57:01:01G	
B*52:01:01G+B*58:01:01G	B*52:10+B*58:19	B*52:11+B*58:09
B*52:01:01G+B*58:02	B*52:10+B*58:06	
B*52:01:01G+B*58:07	B*52:15+B*58:02	
B*52:01:02+B*53:02	B*52:10+B*53:06	
B*52:01:02+B*53:05	B*52:09+B*53:01:01	
B*52:01:02+B*53:08:01	B*52:11+B*53:06	
B*52:01:02+B*53:12	B*52:09+B*53:13	
B*52:01:02+B*53:13	B*52:06:02+B*53:09	
B*52:01:02+B*53:16	B*52:09+B*53:24	
B*52:01:02+B*55:02:01G	B*52:09+B*55:12	
B*52:01:02+B*55:21	B*52:21+B*55:01:01G	
B*52:01:02+B*78:04	B*52:03+B*78:02:01	
B*52:01:02+B*78:05	B*52:09+B*78:06	
B*52:01:05+B*56:22	B*52:14+B*56:15	
B*52:08+B*56:13	B*52:19+B*55:24	
B*52:10+B*56:13	B*52:19+B*56:01:01G	
B*52:10+B*57:24	B*52:19+B*57:01:01G	
B*52:20+B*56:01:01G	B*56:07+B*78:05	
B*53:01:01+B*53:08:02	B*53:01:03+B*53:08:01	
B*53:01:01+B*53:11	B*53:13+B*53:24	

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B*53:01:01+B*53:12	B*53:05+B*53:13	
B*53:01:01+B*53:16	B*53:05+B*53:24	
B*53:01:01+B*54:20	B*53:08:01+B*54:10	
B*53:01:01+B*55:01:01G	B*53:08:01+B*55:02:01G	B*53:23+B*55:31
B*53:01:01+B*55:09	B*53:24+B*55:24	
B*53:01:01+B*55:24	B*53:08:01+B*55:22	
B*53:01:01+B*55:37	B*53:16+B*55:12	B*53:24+B*55:02:01G
B*53:01:01+B*56:01:03	B*53:01:03+B*56:01:01G	
B*53:01:01+B*56:11	B*53:04+B*56:09	
B*53:01:01+B*56:25	B*53:08:01+B*56:01:01G	
B*53:01:01+B*57:02:01	B*53:24+B*57:03:01	
B*53:01:01+B*57:10	B*53:21+B*57:01:01G	
B*53:01:01+B*57:19	B*53:24+B*57:01:01G	
B*53:01:01+B*57:22	B*53:08:01+B*57:01:01G	
B*53:01:01+B*58:01:05	B*53:01:03+B*58:01:01G	
B*53:01:01+B*58:06	B*53:08:01+B*58:02	
B*53:01:01+B*58:09	B*53:02+B*58:01:01G	
B*53:01:01+B*58:18	B*53:14+B*58:01:01G	
B*53:01:01+B*58:19	B*53:08:01+B*58:01:01G	
B*53:01:01+B*58:22	B*53:24+B*58:01:01G	
B*53:01:03+B*54:20	B*53:08:02+B*54:10	
B*53:01:03+B*55:01:01G	B*53:08:02+B*55:02:01G	
B*53:01:03+B*55:24	B*53:08:02+B*55:22	
B*53:01:03+B*56:25	B*53:08:01+B*56:01:03	B*53:08:02+B*56:01:01G
B*53:01:03+B*57:14	B*53:02+B*57:01:01G	
B*53:01:03+B*57:22	B*53:08:02+B*57:01:01G	
B*53:01:03+B*58:06	B*53:08:02+B*58:02	
B*53:01:03+B*58:09	B*53:02+B*58:01:05	
B*53:01:03+B*58:18	B*53:14+B*58:01:05	
B*53:01:03+B*58:19	B*53:08:01+B*58:01:05	B*53:08:02+B*58:01:01G
B*53:01:03+B*58:22	B*53:24+B*58:01:05	
B*53:02+B*57:22	B*53:08:02+B*57:14	
B*53:02+B*58:18	B*53:14+B*58:09	
B*53:02+B*58:19	B*53:08:01+B*58:09	
B*53:02+B*58:22	B*53:24+B*58:09	
B*53:05+B*53:11	B*53:12+B*53:24	B*53:13+B*53:16
B*53:05+B*54:10	B*53:16+B*54:01:01G	
B*53:05+B*55:09	B*53:16+B*55:24	
B*53:05+B*55:37	B*53:16+B*55:02:01G	
B*53:05+B*57:02:01	B*53:16+B*57:03:01	
B*53:05+B*57:19	B*53:16+B*57:01:01G	
B*53:05+B*58:22	B*53:16+B*58:01:01G	
B*53:08:01+B*55:37	B*53:24+B*55:01:01G	
B*53:08:01+B*57:10	B*53:21+B*57:22	
B*53:08:01+B*57:19	B*53:24+B*57:22	
B*53:08:01+B*58:18	B*53:14+B*58:19	
B*53:08:01+B*58:22	B*53:24+B*58:19	
B*53:11+B*54:01:01G	B*53:13+B*54:10	
B*53:11+B*55:02:01G	B*53:13+B*55:37	
B*53:11+B*55:24	B*53:13+B*55:09	
B*53:11+B*57:01:01G	B*53:13+B*57:19	
B*53:11+B*57:03:01	B*53:13+B*57:02:01	
B*53:11+B*58:01:01G	B*53:13+B*58:22	
B*53:14+B*58:22	B*53:24+B*58:18	
B*53:21+B*57:19	B*53:24+B*57:10	
B*54:01:01G+B*55:09	B*54:10+B*55:24	B*54:20+B*55:22
B*54:01:01G+B*55:17	B*54:04+B*55:38	
B*54:01:01G+B*55:23	B*54:14+B*55:02:01G	B*54:16+B*55:32
B*54:01:01G+B*55:28	B*54:04+B*55:01:01G	
B*54:01:01G+B*55:37	B*54:10+B*55:02:01G	
B*54:01:01G+B*55:46	B*54:16+B*55:02:01G	
B*54:01:01G+B*56:01:01G	B*54:03+B*55:02:01G	
B*54:01:01G+B*56:02	B*54:03+B*56:10	
B*54:01:01G+B*56:15	B*54:04+B*56:01:01G	
B*54:01:01G+B*56:16	B*54:21+B*56:01:01G	
B*54:01:01G+B*56:18	B*54:09+B*55:02:01G	
B*54:01:01G+B*56:21	B*54:12+B*56:05:02	
B*54:01:01G+B*56:22	B*54:03+B*55:13	
B*54:01:01G+B*56:25	B*54:03+B*55:01:01G	
B*54:01:01G+B*57:01:01G	B*54:03+B*57:26	
B*54:01:01G+B*57:02:01	B*54:10+B*57:03:01	B*54:12+B*57:12
B*54:01:01G+B*57:19	B*54:10+B*57:01:01G	
B*54:01:01G+B*58:12	B*54:21+B*58:01:01G	
B*54:01:01G+B*58:22	B*54:10+B*58:01:01G	
B*54:01:01G+B*59:04	B*54:03+B*59:01	
B*54:01:01G+B*78:01	B*54:03+B*78:07	
B*54:03+B*55:23	B*54:14+B*56:01:01G	
B*54:03+B*55:28	B*54:04+B*56:25	
B*54:03+B*55:37	B*54:10+B*56:01:01G	
B*54:03+B*55:46	B*54:16+B*56:01:01G	
B*54:03+B*56:18	B*54:09+B*56:01:01G	B*54:14+B*56:04
B*54:04+B*56:16	B*54:21+B*56:15	
B*54:04+B*57:01:01G	B*54:14+B*57:03:01	
B*54:04+B*57:19	B*54:14+B*57:02:01	
B*54:09+B*55:23	B*54:14+B*56:18	
B*54:09+B*55:37	B*54:10+B*56:18	
B*54:09+B*55:46	B*54:16+B*56:18	
B*54:10+B*55:01:01G	B*54:20+B*55:02:01G	
B*54:10+B*55:23	B*54:14+B*55:37	
B*54:10+B*55:46	B*54:16+B*55:37	
B*54:10+B*56:25	B*54:20+B*56:01:01G	
B*54:10+B*57:22	B*54:20+B*57:01:01G	
B*54:10+B*58:06	B*54:20+B*58:02	
B*54:10+B*58:12	B*54:21+B*58:22	
B*54:10+B*58:19	B*54:20+B*58:01:01G	
B*54:11+B*56:04	B*54:22+B*55:08	
B*54:14+B*55:46	B*54:16+B*55:23	
B*55:01:01G+B*55:17	B*55:28+B*55:38	
B*55:01:01G+B*55:22	B*55:02:01G+B*55:24	
B*55:01:01G+B*55:34	B*55:40+B*55:47	
B*55:01:01G+B*56:01:01G	B*55:02:01G+B*56:25	
B*55:01:01G+B*56:02	B*56:10+B*56:25	
B*55:01:01G+B*56:04	B*55:38+B*56:02	
B*55:01:01G+B*56:15	B*55:28+B*56:01:01G	
B*55:01:01G+B*56:22	B*55:13+B*56:25	

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B*55:01:01G+B*56:27	B*55:38+B*56:01:01G	
B*55:01:01G+B*57:01:01G	B*55:02:01G+B*57:22	B*56:25+B*57:26
B*55:01:01G+B*57:19	B*55:37+B*57:22	
B*55:01:01G+B*57:25	B*55:24+B*57:26	
B*55:01:01G+B*58:01:01G	B*55:02:01G+B*58:19	
B*55:01:01G+B*58:02	B*55:02:01G+B*58:06	
B*55:01:01G+B*58:22	B*55:37+B*58:19	
B*55:01:01G+B*58:23	B*55:29+B*58:01:01G	
B*55:01:01G+B*59:04	B*56:25+B*59:01	
B*55:01:01G+B*78:01	B*56:25+B*78:07	
B*55:01:01G+B*78:02:02	B*55:31+B*78:01	
B*55:02:01G+B*55:09	B*55:24+B*55:37	
B*55:02:01G+B*55:23	B*55:32+B*55:46	
B*55:02:01G+B*56:02	B*56:01:01G+B*56:10	
B*55:02:01G+B*56:04	B*56:10+B*56:27	
B*55:02:01G+B*56:22	B*55:13+B*56:01:01G	
B*55:02:01G+B*57:01:01G	B*56:01:01G+B*57:26	
B*55:02:01G+B*57:02:01	B*55:37+B*57:03:01	
B*55:02:01G+B*57:19	B*55:37+B*57:01:01G	
B*55:02:01G+B*57:24	B*56:13+B*57:26	
B*55:02:01G+B*57:25	B*55:22+B*57:26	
B*55:02:01G+B*57:31	B*56:20+B*57:26	
B*55:02:01G+B*58:22	B*55:37+B*58:01:01G	
B*55:02:01G+B*59:03	B*55:13+B*59:01	
B*55:02:01G+B*59:04	B*56:01:01G+B*59:01	
B*55:02:01G+B*78:01	B*56:01:01G+B*78:07	
B*55:02:01G+B*78:06	B*55:12+B*78:05	
B*55:09+B*57:01:01G	B*55:24+B*57:19	
B*55:09+B*57:03:01	B*55:24+B*57:02:01	
B*55:09+B*58:01:01G	B*55:24+B*58:22	
B*55:13+B*56:02	B*56:10+B*56:22	
B*55:13+B*56:09	B*55:32+B*56:11	
B*55:13+B*57:01:01G	B*56:22+B*57:26	
B*55:13+B*59:04	B*56:01:01G+B*59:03	B*56:22+B*59:01
B*55:13+B*78:01	B*56:22+B*78:07	
B*55:17+B*56:01:01G	B*55:28+B*56:27	B*55:38+B*56:15
B*55:17+B*56:02	B*55:28+B*56:04	
B*55:22+B*56:25	B*55:24+B*56:01:01G	
B*55:22+B*57:01:01G	B*56:01:01G+B*57:25	
B*55:22+B*57:22	B*55:24+B*57:01:01G	B*56:25+B*57:25
B*55:22+B*57:24	B*56:13+B*57:25	
B*55:22+B*57:31	B*56:20+B*57:25	
B*55:22+B*58:06	B*55:24+B*58:02	
B*55:22+B*58:19	B*55:24+B*58:01:01G	
B*55:23+B*56:04	B*56:01:01G+B*56:18	
B*55:23+B*57:03:01	B*56:15+B*57:26	
B*55:23+B*57:09	B*55:28+B*57:24	
B*55:31+B*56:17	B*56:23+B*56:25	
B*56:01:01G+B*56:04	B*56:02+B*56:27	
B*56:01:01G+B*57:22	B*56:25+B*57:01:01G	
B*56:01:01G+B*57:24	B*56:13+B*57:01:01G	
B*56:01:01G+B*57:31	B*56:20+B*57:01:01G	
B*56:01:01G+B*58:01:05	B*56:01:03+B*58:01:01G	
B*56:01:01G+B*58:06	B*56:25+B*58:02	
B*56:01:01G+B*58:12	B*56:16+B*58:01:01G	
B*56:01:01G+B*58:19	B*56:25+B*58:01:01G	
B*56:01:03+B*58:12	B*56:16+B*58:01:05	
B*56:01:03+B*58:19	B*56:25+B*58:01:05	
B*56:02+B*57:26	B*56:10+B*57:01:01G	
B*56:02+B*59:01	B*56:10+B*59:04	
B*56:02+B*78:07	B*56:10+B*78:01	
B*56:05:01+B*58:01:01G	B*56:09+B*58:08	
B*56:05:01+B*78:02:01	B*56:05:02+B*78:02:02	
B*56:05:02+B*57:02:01	B*56:21+B*57:12	
B*56:13+B*57:22	B*56:25+B*57:24	
B*56:13+B*57:31	B*56:20+B*57:24	
B*56:16+B*58:19	B*56:25+B*58:12	
B*56:20+B*57:22	B*56:25+B*57:31	
B*57:01:01G+B*57:02:01	B*57:03:01+B*57:19	
B*57:01:01G+B*58:02	B*57:11+B*58:14	
B*57:01:01G+B*58:06	B*57:22+B*58:02	
B*57:01:01G+B*58:09	B*57:14+B*58:01:05	
B*57:01:01G+B*58:19	B*57:22+B*58:01:01G	
B*57:01:01G+B*58:22	B*57:19+B*58:01:01G	
B*57:01:01G+B*59:01	B*57:26+B*59:04	
B*57:01:01G+B*78:07	B*57:26+B*78:01	
B*57:02:01+B*58:01:01G	B*57:03:01+B*58:22	
B*57:03:01+B*58:07	B*57:07+B*58:02	
B*57:19+B*58:19	B*57:22+B*58:22	
B*58:01:01G+B*58:06	B*58:02+B*58:19	
B*59:01+B*78:01	B*59:04+B*78:07	

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HLA-C Ambiguities, Release 3.2.0

Sequences identical over exons 2+3

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*	*Allele 6*	*Allele 7*	*Allele 8*	*Allele 9*
C*01:02:01G	C*01:02:01	C*01:02:02	C*01:02:11	C*01:02:12	C*01:25	C*01:44			
C*01:03:01G	C*01:03	C*01:24							
C*02:02:02G	C*02:02:02	C*02:29							
C*03:02:01G	C*03:02:01	C*03:02:02:01	C*03:02:02:02	C*03:02:03					
C*03:03:01G	C*03:03:01	C*03:20N	C*03:62						
C*03:04:01G	C*03:04:01:01	C*03:04:01:02	C*03:04:03	C*03:100	C*03:101				
C*04:01:01G	C*04:01:01:01	C*04:01:01:02	C*04:01:01:03	C*04:01:01:04	C*04:09N	C*04:28	C*04:30	C*04:41	C*04:79
C*05:01:01G	C*05:01:01:01	C*05:01:01:02	C*05:01:04	C*05:01:05	C*05:01:15	C*05:03	C*05:37		
C*06:02:01G	C*06:02:01:01	C*06:02:01:02	C*06:02:03	C*06:46N	C*06:55				
C*07:01:01G	C*07:01:01	C*07:01:02	C*07:01:09	C*07:06	C*07:18	C*07:52	C*07:153		
C*07:02:01G	C*07:02:01:01	C*07:02:01:02	C*07:02:01:03	C*07:02:21	C*07:50	C*07:66	C*07:74	C*07:159	C*07:160
C*07:04:01G	C*07:04:01	C*07:11							
C*08:01:01G	C*08:01:01	C*08:01:03	C*08:20	C*08:22	C*08:24				
C*08:03:01G	C*08:03:01	C*08:40							
C*12:02:01G	C*12:02:01	C*12:02:02							
C*12:03:01G	C*12:03:01:01	C*12:03:01:02	C*12:03:06	C*12:23					
C*14:02:01G	C*14:02:01	C*14:23							
C*15:02:01G	C*15:02:01	C*15:02:07	C*15:13						
C*15:05:01G	C*15:05:01	C*15:05:02	C*15:05:03	C*15:29					
C*17:01:01:01G	C*17:01:01:01	C*17:01:01:02	C*17:02	C*17:03					
C*18:01:01G	C*18:01	C*18:02							

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 + 3 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
C*07:65	C*07:60

Alleles removed from analysis due to insertions or deletions

Allele
C*03:46
C*05:07N
C*05:51Q
C*06:16N
C*07:32N
C*07:33N
C*07:150Q
C*08:36N

Ambiguous typing combinations over exon 2 + 3

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*	*Combination 5*
C*01:02:01G+C*02:02:02G	C*01:09+C*02:32	C*01:10+C*02:43	C*01:14+C*02:27:01	
C*01:02:01G+C*02:03	C*01:06+C*02:16:02			
C*01:02:01G+C*02:10	C*01:02:06+C*02:02:14	C*01:14+C*02:27:02		
C*01:02:01G+C*02:16:02	C*01:22+C*02:32			
C*01:02:01G+C*02:28	C*01:06+C*02:02:02G			
C*01:02:01G+C*02:34	C*01:26+C*02:02:02G			
C*01:02:01G+C*03:02:01G	C*01:02:06+C*03:02:06			
C*01:02:01G+C*03:03:01G	C*01:02:04+C*03:03:10	C*01:02:06+C*03:03:09	C*01:22+C*03:49	
C*01:02:01G+C*03:03:07	C*01:02:08+C*03:03:01G			
C*01:02:01G+C*03:04:01G	C*01:02:06+C*03:04:10	C*01:22+C*03:28	C*01:31+C*03:98	
C*01:02:01G+C*03:07	C*01:14+C*03:04:01G			
C*01:02:01G+C*03:23	C*01:07+C*03:04:01G			
C*01:02:01G+C*03:27	C*01:17+C*03:05			
C*01:02:01G+C*03:34	C*01:10+C*03:92			
C*01:02:01G+C*03:36	C*01:06+C*03:02:01G			
C*01:02:01G+C*03:38:01	C*01:17+C*03:04:02			
C*01:02:01G+C*03:38:02	C*01:17+C*03:04:01G			
C*01:02:01G+C*03:45	C*01:14+C*03:32			
C*01:02:01G+C*03:51	C*01:30+C*03:04:01G			
C*01:02:01G+C*03:58	C*01:03:01G+C*03:86			
C*01:02:01G+C*03:59	C*01:28+C*03:03:01G			
C*01:02:01G+C*03:69	C*01:17+C*03:03:01G			
C*01:02:01G+C*03:77	C*01:06+C*03:04:01G			
C*01:02:01G+C*03:95	C*01:08+C*03:02:01G			
C*01:02:01G+C*03:96	C*01:15+C*03:03:01G			
C*01:02:01G+C*04:01:01G	C*01:02:04+C*04:01:11	C*01:02:06+C*04:01:08	C*01:14+C*04:29	C*01:17+C*04:10
C*01:02:01G+C*04:01:09	C*01:02:06+C*04:01:07			
C*01:02:01G+C*04:04:01	C*01:22+C*04:01:01G			
C*01:02:01G+C*04:04:02	C*01:22+C*04:01:09			
C*01:02:01G+C*04:06	C*01:22+C*04:03			
C*01:02:01G+C*04:10	C*01:14+C*04:36			
C*01:02:01G+C*04:13	C*01:22+C*04:61			
C*01:02:01G+C*04:29	C*01:17+C*04:36	C*01:23+C*04:11		
C*01:02:01G+C*04:32	C*01:10+C*04:01:01G			

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C*01:02:01G+C*04:64	C*01:15+C*04:01:01G		
C*01:02:01G+C*05:01:01G	C*01:14+C*08:02:01	C*01:43+C*05:29	
C*01:02:01G+C*05:01:02	C*01:14+C*08:02:04		
C*01:02:01G+C*05:01:10	C*01:02:09+C*05:01:01G		
C*01:02:01G+C*05:08	C*01:09+C*05:01:01G	C*01:14+C*08:29	
C*01:02:01G+C*05:09	C*01:14+C*08:15		
C*01:02:01G+C*05:11	C*01:14+C*08:04	C*01:22+C*05:01:01G	
C*01:02:01G+C*05:12	C*01:06+C*05:18		
C*01:02:01G+C*05:16	C*01:14+C*08:12		
C*01:02:01G+C*05:23	C*01:14+C*08:07		
C*01:02:01G+C*05:25	C*01:14+C*08:28		
C*01:02:01G+C*05:27	C*01:22+C*05:39	C*01:35+C*05:01:01G	
C*01:02:01G+C*05:42	C*01:17+C*05:25	C*01:23+C*05:01:01G	
C*01:02:01G+C*05:43	C*01:14+C*08:37		
C*01:02:01G+C*05:44	C*01:15+C*05:01:01G		
C*01:02:01G+C*05:46	C*01:14+C*08:05	C*01:17+C*05:01:01G	
C*01:02:01G+C*06:02:01G	C*01:09+C*06:06	C*01:12+C*06:23	C*01:14+C*06:11
C*01:02:01G+C*06:04	C*01:22+C*06:06		
C*01:02:01G+C*06:08	C*01:10+C*06:02:01G		
C*01:02:01G+C*06:20	C*01:32+C*06:02:01G		
C*01:02:01G+C*06:29	C*01:33+C*06:02:01G		
C*01:02:01G+C*06:37	C*01:20+C*06:02:01G		
C*01:02:01G+C*06:43	C*01:07+C*06:02:01G		
C*01:02:01G+C*07:01:01G	C*01:17+C*07:40		
C*01:02:01G+C*07:01:08	C*01:02:07+C*07:01:01G		
C*01:02:01G+C*07:02:01G	C*01:17+C*07:39	C*01:22+C*07:37	
C*01:02:01G+C*07:07	C*01:14+C*07:16		
C*01:02:01G+C*07:09	C*01:14+C*07:01:01G		
C*01:02:01G+C*07:15	C*01:10+C*07:02:01G		
C*01:02:01G+C*07:76	C*01:14+C*07:02:01G		
C*01:02:01G+C*07:101	C*01:43+C*07:04:01G		
C*01:02:01G+C*07:129	C*01:26+C*07:01:01G		
C*01:02:01G+C*07:134	C*01:33+C*07:01:01G		
C*01:02:01G+C*07:136	C*01:28+C*07:02:01G		
C*01:02:01G+C*07:137:01	C*01:09+C*07:137:02		
C*01:02:01G+C*07:138	C*01:09+C*07:37		
C*01:02:01G+C*07:148	C*01:43+C*07:01:01G		
C*01:02:01G+C*08:01:01G	C*01:43+C*08:16		
C*01:02:01G+C*08:02:04	C*01:13+C*08:33		
C*01:02:01G+C*08:03:01G	C*01:15+C*08:01:01G		
C*01:02:01G+C*08:04	C*01:22+C*08:02:01	C*01:43+C*08:13	
C*01:02:01G+C*08:05	C*01:17+C*08:02:01	C*01:43+C*08:25	
C*01:02:01G+C*08:10	C*01:14+C*08:01:01G		
C*01:02:01G+C*08:21	C*01:17+C*08:01:01G		
C*01:02:01G+C*08:29	C*01:09+C*08:02:01		
C*01:02:01G+C*08:31	C*01:10+C*08:29		
C*01:02:01G+C*12:02:01G	C*01:17+C*12:49		
C*01:02:01G+C*12:03:01G	C*01:09+C*12:24		
C*01:02:01G+C*12:03:02	C*01:02:07+C*12:03:08		
C*01:02:01G+C*12:04:02	C*01:14+C*12:03:01G	C*01:17+C*12:05	
C*01:02:01G+C*12:20	C*01:22+C*12:24		
C*01:02:01G+C*12:41	C*01:14+C*12:02:01G		
C*01:02:01G+C*12:50	C*01:32+C*12:03:01G		
C*01:02:01G+C*14:02:01G	C*01:02:06+C*14:02:05		
C*01:02:01G+C*14:06	C*01:22+C*14:02:01G		
C*01:02:01G+C*14:11	C*01:11+C*14:02:01G		
C*01:02:01G+C*14:12	C*01:14+C*14:02:01G		
C*01:02:01G+C*14:16	C*01:09+C*14:02:01G		
C*01:02:01G+C*14:25	C*01:10+C*14:02:01G		
C*01:02:01G+C*15:02:01G	C*01:02:06+C*15:02:05	C*01:14+C*15:07	C*01:22+C*15:08
C*01:02:01G+C*15:02:02	C*01:02:10+C*15:02:01G		
C*01:02:01G+C*15:03	C*01:17+C*15:02:01G		
C*01:02:01G+C*15:06:01	C*01:02:06+C*15:06:03		
C*01:02:01G+C*15:15	C*01:35+C*15:08		
C*01:02:01G+C*15:16	C*01:17+C*15:17		
C*01:02:01G+C*15:28	C*01:42+C*15:02:01G		
C*01:02:01G+C*15:39	C*01:30+C*15:02:01G		
C*01:02:01G+C*15:42	C*01:10+C*15:02:01G		
C*01:02:01G+C*16:01:01	C*01:12+C*16:18		
C*01:02:01G+C*16:02:01	C*01:02:06+C*16:02:03	C*01:14+C*16:01:01	
C*01:02:01G+C*16:06	C*01:05+C*16:18		
C*01:02:01G+C*16:09	C*01:26+C*16:02:01		
C*01:02:01G+C*16:15:01	C*01:17+C*16:01:01		
C*01:02:01G+C*16:17	C*01:27+C*16:01:01		
C*01:02:01G+C*16:22	C*01:28+C*16:01:01		
C*01:02:01G+C*16:25	C*01:14+C*16:15:01	C*01:17+C*16:02:01	
C*01:02:01G+C*16:29	C*01:10+C*16:04:01		
C*01:02:01G+C*17:05	C*01:43+C*17:01:01:01G		
C*01:02:01G+C*17:08	C*01:07+C*17:01:01:01G		
C*01:02:06+C*05:01:01G	C*01:13+C*05:18		
C*01:02:06+C*07:130	C*01:13+C*07:02:01G		
C*01:02:06+C*08:29	C*01:13+C*08:27		
C*01:02:06+C*16:27	C*01:13+C*16:01:01		
C*01:02:07+C*07:09	C*01:14+C*07:01:08		
C*01:02:07+C*07:129	C*01:26+C*07:01:08		
C*01:02:07+C*07:134	C*01:33+C*07:01:08		
C*01:02:07+C*07:148	C*01:43+C*07:01:08		
C*01:02:08+C*03:59	C*01:28+C*03:03:07		
C*01:02:08+C*03:69	C*01:17+C*03:03:07		
C*01:02:08+C*03:96	C*01:15+C*03:03:07		
C*01:02:09+C*05:08	C*01:09+C*05:01:10		
C*01:02:09+C*05:11	C*01:22+C*05:01:10		
C*01:02:09+C*05:27	C*01:35+C*05:01:10		
C*01:02:09+C*05:42	C*01:23+C*05:01:10		
C*01:02:09+C*05:44	C*01:15+C*05:01:10		
C*01:02:09+C*05:46	C*01:17+C*05:01:10		
C*01:02:10+C*15:03	C*01:17+C*15:02:02		
C*01:02:10+C*15:28	C*01:42+C*15:02:02		
C*01:02:10+C*15:39	C*01:30+C*15:02:02		
C*01:02:10+C*15:42	C*01:10+C*15:02:02		
C*01:05+C*07:08	C*01:36+C*07:02:01G		
C*01:05+C*07:31	C*01:12+C*07:02:01G		
C*01:05+C*16:01:01	C*01:12+C*16:06		
C*01:06+C*02:34	C*01:26+C*02:28		
C*01:06+C*03:07	C*01:14+C*03:77		

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C*01:06+C*03:23	C*01:07+C*03:77
C*01:06+C*03:38:02	C*01:17+C*03:77
C*01:06+C*03:51	C*01:30+C*03:77
C*01:06+C*03:95	C*01:08+C*03:36
C*01:07+C*03:07	C*01:14+C*03:23
C*01:07+C*03:38:02	C*01:17+C*03:23
C*01:07+C*03:51	C*01:30+C*03:23
C*01:07+C*06:08	C*01:10+C*06:43
C*01:07+C*06:20	C*01:32+C*06:43
C*01:07+C*06:29	C*01:33+C*06:43
C*01:07+C*06:37	C*01:20+C*06:43
C*01:07+C*17:05	C*01:43+C*17:08
C*01:09+C*02:03	C*01:22+C*02:28
C*01:09+C*02:16:01	C*01:22+C*02:10
C*01:09+C*02:16:02	C*01:22+C*02:02:02G
C*01:09+C*02:18	C*01:22+C*02:13
C*01:09+C*03:03:01G	C*01:35+C*03:21
C*01:09+C*03:04:07	C*01:35+C*03:80
C*01:09+C*03:55	C*01:22+C*03:21
C*01:09+C*05:11	C*01:22+C*05:08
C*01:09+C*05:18	C*01:14+C*08:27
C*01:09+C*05:27	C*01:35+C*05:08
C*01:09+C*05:42	C*01:23+C*05:08
C*01:09+C*05:44	C*01:15+C*05:08
C*01:09+C*05:46	C*01:17+C*05:08
C*01:09+C*06:04	C*01:22+C*06:02:01G
C*01:09+C*07:01:01G	C*01:22+C*07:22
C*01:09+C*07:02:01G	C*01:22+C*07:138
C*01:09+C*08:04	C*01:22+C*08:29
C*01:09+C*08:05	C*01:17+C*08:29
C*01:09+C*08:35	C*01:15+C*08:27
C*01:09+C*12:18	C*01:22+C*12:02:01G
C*01:09+C*12:20	C*01:22+C*12:03:01G
C*01:09+C*14:06	C*01:22+C*14:16
C*01:09+C*14:11	C*01:11+C*14:16
C*01:09+C*14:12	C*01:14+C*14:16
C*01:09+C*14:25	C*01:10+C*14:16
C*01:10+C*04:04:01	C*01:22+C*04:32
C*01:10+C*04:64	C*01:15+C*04:32
C*01:10+C*05:08	C*01:14+C*08:31
C*01:10+C*06:20	C*01:32+C*06:08
C*01:10+C*06:29	C*01:33+C*06:08
C*01:10+C*06:37	C*01:20+C*06:08
C*01:10+C*07:76	C*01:14+C*07:15
C*01:10+C*07:136	C*01:28+C*07:15
C*01:10+C*14:06	C*01:22+C*14:25
C*01:10+C*14:11	C*01:11+C*14:25
C*01:10+C*14:12	C*01:14+C*14:25
C*01:10+C*15:03	C*01:17+C*15:42
C*01:10+C*15:28	C*01:42+C*15:42
C*01:10+C*15:39	C*01:30+C*15:42
C*01:11+C*14:06	C*01:22+C*14:11
C*01:11+C*14:12	C*01:14+C*14:11
C*01:12+C*02:22	C*01:34+C*02:19
C*01:12+C*07:08	C*01:36+C*07:31
C*01:13+C*16:02:03	C*01:14+C*16:27
C*01:14+C*03:38:02	C*01:17+C*03:07
C*01:14+C*03:51	C*01:30+C*03:07
C*01:14+C*07:129	C*01:26+C*07:09
C*01:14+C*07:134	C*01:33+C*07:09
C*01:14+C*07:136	C*01:28+C*07:76
C*01:14+C*07:148	C*01:43+C*07:09
C*01:14+C*08:03:01G	C*01:15+C*08:10
C*01:14+C*08:13	C*01:22+C*05:29
C*01:14+C*08:21	C*01:17+C*08:10
C*01:14+C*08:25	C*01:17+C*05:29
C*01:14+C*08:35	C*01:15+C*05:18
C*01:14+C*08:39	C*01:22+C*05:12
C*01:14+C*12:28	C*01:23+C*12:05
C*01:14+C*12:50	C*01:32+C*12:04:02
C*01:14+C*14:06	C*01:22+C*14:12
C*01:14+C*16:17	C*01:27+C*16:02:01
C*01:14+C*16:22	C*01:28+C*16:02:01
C*01:15+C*03:59	C*01:28+C*03:96
C*01:15+C*03:69	C*01:17+C*03:96
C*01:15+C*04:04:01	C*01:22+C*04:64
C*01:15+C*05:11	C*01:22+C*05:44
C*01:15+C*05:27	C*01:35+C*05:44
C*01:15+C*05:42	C*01:23+C*05:44
C*01:15+C*05:46	C*01:17+C*05:44
C*01:15+C*08:21	C*01:17+C*08:03:01G
C*01:17+C*03:32	C*01:23+C*03:04:01G
C*01:17+C*03:45	C*01:23+C*03:07
C*01:17+C*03:51	C*01:30+C*03:38:02
C*01:17+C*03:59	C*01:28+C*03:69
C*01:17+C*03:60	C*01:23+C*03:02:01G
C*01:17+C*04:01:01G	C*01:23+C*04:33
C*01:17+C*05:11	C*01:22+C*05:46
C*01:17+C*05:27	C*01:35+C*05:46
C*01:17+C*05:42	C*01:23+C*05:46
C*01:17+C*06:02:01G	C*01:23+C*06:30
C*01:17+C*07:01:01G	C*01:23+C*07:16
C*01:17+C*07:02:01G	C*01:23+C*07:51
C*01:17+C*07:09	C*01:23+C*07:07
C*01:17+C*07:56:01	C*01:23+C*07:79
C*01:17+C*07:109	C*01:23+C*07:60
C*01:17+C*08:04	C*01:22+C*08:05
C*01:17+C*08:13	C*01:22+C*08:25
C*01:17+C*08:28	C*01:23+C*08:02:01
C*01:17+C*12:28	C*01:23+C*12:03:01G
C*01:17+C*14:13	C*01:23+C*14:02:01G
C*01:17+C*15:28	C*01:42+C*15:03
C*01:17+C*15:39	C*01:30+C*15:03
C*01:17+C*16:09	C*01:26+C*16:25
C*01:17+C*16:17	C*01:27+C*16:15:01

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C*01:17+C*16:22	C*01:28+C*16:15:01		
C*01:17+C*16:26	C*01:23+C*16:01:01		
C*01:20+C*06:20	C*01:32+C*06:37		
C*01:20+C*06:29	C*01:33+C*06:37		
C*01:22+C*03:03:01G	C*01:35+C*03:55		
C*01:22+C*03:04:01G	C*01:35+C*03:92		
C*01:22+C*04:08	C*01:35+C*04:01:01G		
C*01:22+C*05:27	C*01:35+C*05:11		
C*01:22+C*05:42	C*01:23+C*05:11		
C*01:22+C*08:41	C*01:35+C*08:01:01G		
C*01:22+C*14:20	C*01:35+C*14:02:01G		
C*01:22+C*15:15	C*01:35+C*15:02:01G		
C*01:23+C*05:27	C*01:35+C*05:42		
C*01:26+C*07:134	C*01:33+C*07:129		
C*01:26+C*07:148	C*01:43+C*07:129		
C*01:27+C*16:22	C*01:28+C*16:17		
C*01:30+C*15:28	C*01:42+C*15:39		
C*01:32+C*06:29	C*01:33+C*06:20		
C*01:33+C*07:148	C*01:43+C*07:134		
C*02:02:01+C*07:01:01G	C*02:02:02G+C*07:01:15		
C*02:02:01+C*07:01:12	C*02:02:11+C*07:01:15		
C*02:02:01+C*07:94	C*02:20+C*07:01:15		
C*02:02:01+C*07:129	C*02:34+C*07:01:15		
C*02:02:02G+C*02:02:05	C*02:02:03+C*02:10		
C*02:02:02G+C*02:03	C*02:16:02+C*02:28		
C*02:02:02G+C*02:16:01	C*02:10+C*02:16:02		
C*02:02:02G+C*02:18	C*02:13+C*02:16:02		
C*02:02:02G+C*02:27:02	C*02:10+C*02:27:01		
C*02:02:02G+C*03:03:01G	C*02:02:03+C*03:03:04	C*02:19+C*03:43:01	
C*02:02:02G+C*03:03:05	C*02:02:11+C*03:03:01G		
C*02:02:02G+C*03:04:01G	C*02:02:03+C*03:04:02	C*02:19+C*03:40	C*02:27:01+C*03:07
C*02:02:02G+C*03:04:18	C*02:02:11+C*03:04:02		
C*02:02:02G+C*03:09	C*02:19+C*03:42		
C*02:02:02G+C*03:11:01	C*02:42+C*03:03:12		
C*02:02:02G+C*03:11:02	C*02:42+C*03:03:01G		
C*02:02:02G+C*03:22Q	C*02:25Q+C*03:03:01G		
C*02:02:02G+C*03:32	C*02:27:01+C*03:45		
C*02:02:02G+C*03:36	C*02:28+C*03:02:01G		
C*02:02:02G+C*03:37	C*02:42+C*03:04:01G		
C*02:02:02G+C*03:38:02	C*02:02:03+C*03:38:01		
C*02:02:02G+C*03:52	C*02:15+C*03:03:01G		
C*02:02:02G+C*03:55	C*02:16:02+C*03:21		
C*02:02:02G+C*03:64	C*02:08+C*03:04:01G		
C*02:02:02G+C*03:77	C*02:28+C*03:04:01G		
C*02:02:02G+C*03:81	C*02:36+C*03:03:01G		
C*02:02:02G+C*03:92	C*02:43+C*03:34		
C*02:02:02G+C*04:01:01G	C*02:43+C*04:32		
C*02:02:02G+C*04:01:10	C*02:02:08+C*04:01:01G		
C*02:02:02G+C*04:01:24	C*02:02:09+C*04:01:01G		
C*02:02:02G+C*04:13	C*02:13+C*04:04:01		
C*02:02:02G+C*04:29	C*02:27:01+C*04:01:01G		
C*02:02:02G+C*04:36	C*02:27:01+C*04:10		
C*02:02:02G+C*04:43	C*02:15+C*04:01:01G		
C*02:02:02G+C*04:46	C*02:09+C*04:01:01G		
C*02:02:02G+C*04:61	C*02:13+C*04:01:01G		
C*02:02:02G+C*04:68	C*02:13+C*04:14		
C*02:02:02G+C*04:74	C*02:46+C*04:01:01G		
C*02:02:02G+C*05:01:01G	C*02:02:03+C*05:01:03	C*02:26:02+C*05:26	C*02:32+C*05:08
C*02:02:02G+C*05:01:06	C*02:02:07+C*05:01:01G		
C*02:02:02G+C*05:11	C*02:16:02+C*05:08		
C*02:02:02G+C*05:12	C*02:28+C*05:18		
C*02:02:02G+C*05:21	C*02:35+C*05:01:01G		
C*02:02:02G+C*06:02:01G	C*02:43+C*06:08		
C*02:02:02G+C*06:04	C*02:16:02+C*06:02:01G		
C*02:02:02G+C*06:06	C*02:32+C*06:02:01G		
C*02:02:02G+C*06:11	C*02:27:01+C*06:02:01G		
C*02:02:02G+C*06:18	C*02:21+C*06:02:01G		
C*02:02:02G+C*06:31	C*02:13+C*06:02:01G		
C*02:02:02G+C*06:50	C*02:20+C*06:02:01G		
C*02:02:02G+C*07:01:01G	C*02:02:03+C*07:01:07	C*02:16:02+C*07:22	C*02:27:01+C*07:09
C*02:02:02G+C*07:01:12	C*02:02:11+C*07:01:01G		
C*02:02:02G+C*07:02:01G	C*02:16:02+C*07:138	C*02:27:01+C*07:76	C*02:43+C*07:15
C*02:02:02G+C*07:02:12	C*02:02:11+C*07:02:01G		
C*02:02:02G+C*07:04:01G	C*02:02:03+C*07:04:03		
C*02:02:02G+C*07:16	C*02:27:01+C*07:07		
C*02:02:02G+C*07:27:01	C*02:02:03+C*07:27:02		
C*02:02:02G+C*07:29	C*02:19+C*07:02:01G		
C*02:02:02G+C*07:37	C*02:32+C*07:138		
C*02:02:02G+C*07:75	C*02:35+C*07:02:01G		
C*02:02:02G+C*07:88	C*02:30+C*07:02:01G		
C*02:02:02G+C*07:94	C*02:20+C*07:01:01G		
C*02:02:02G+C*07:123	C*02:36+C*07:02:01G		
C*02:02:02G+C*07:129	C*02:34+C*07:01:01G		
C*02:02:02G+C*07:137:02	C*02:32+C*07:137:01		
C*02:02:02G+C*08:01:01G	C*02:02:03+C*08:01:02	C*02:27:01+C*08:10	
C*02:02:02G+C*08:02:01	C*02:27:01+C*05:01:01G	C*02:32+C*08:29	
C*02:02:02G+C*08:02:04	C*02:27:01+C*05:01:02		
C*02:02:02G+C*08:04	C*02:16:02+C*08:29	C*02:27:01+C*05:11	
C*02:02:02G+C*08:05	C*02:27:01+C*05:46		
C*02:02:02G+C*08:07	C*02:27:01+C*05:23		
C*02:02:02G+C*08:12	C*02:27:01+C*05:16		
C*02:02:02G+C*08:15	C*02:27:01+C*05:09		
C*02:02:02G+C*08:28	C*02:27:01+C*05:25		
C*02:02:02G+C*08:29	C*02:27:01+C*05:08	C*02:43+C*08:31	
C*02:02:02G+C*08:37	C*02:27:01+C*05:43		
C*02:02:02G+C*08:39	C*02:03+C*08:27		
C*02:02:02G+C*12:02:01G	C*02:27:01+C*12:41		
C*02:02:02G+C*12:02:03	C*02:02:03+C*12:02:01G		
C*02:02:02G+C*12:03:01G	C*02:27:01+C*12:04:02		
C*02:02:02G+C*12:10:01	C*02:02:11+C*12:10:02		
C*02:02:02G+C*12:18	C*02:16:02+C*12:02:01G		
C*02:02:02G+C*12:20	C*02:16:02+C*12:03:01G		
C*02:02:02G+C*12:24	C*02:32+C*12:03:01G		
C*02:02:02G+C*14:02:01G	C*02:27:01+C*14:12	C*02:32+C*14:16	C*02:43+C*14:25
C*02:02:02G+C*14:02:03	C*02:08+C*14:03		

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C*02:02:02G+C*14:06	C*02:16:02+C*14:16			
C*02:02:02G+C*14:15	C*02:13+C*14:06	C*02:18+C*14:16		
C*02:02:02G+C*15:02:01G	C*02:43+C*15:42			
C*02:02:02G+C*15:06:01	C*02:19+C*15:09	C*02:36+C*15:40		
C*02:02:02G+C*15:07	C*02:27:01+C*15:02:01G			
C*02:02:02G+C*15:09	C*02:36+C*15:04			
C*02:02:02G+C*15:10:02	C*02:08+C*15:02:01G			
C*02:02:02G+C*15:17	C*02:26:02+C*15:11			
C*02:02:02G+C*15:19	C*02:30+C*15:09			
C*02:02:02G+C*15:31	C*02:13+C*15:02:01G			
C*02:02:02G+C*15:35	C*02:35+C*15:02:01G			
C*02:02:02G+C*15:40	C*02:19+C*15:04			
C*02:02:02G+C*16:01:01	C*02:27:01+C*16:02:01			
C*02:02:02G+C*16:04:01	C*02:43+C*16:29			
C*02:02:02G+C*16:09	C*02:34+C*16:02:01			
C*02:02:02G+C*16:11	C*02:21+C*16:01:01			
C*02:02:02G+C*16:15:01	C*02:27:01+C*16:25			
C*02:02:02G+C*16:20	C*02:36+C*16:01:01			
C*02:02:02G+C*17:01:02	C*02:02:11+C*17:01:01:01G			
C*02:02:03+C*02:16:01	C*02:02:05+C*02:16:02			
C*02:02:03+C*02:27:02	C*02:02:05+C*02:27:01			
C*02:02:03+C*03:04:18	C*02:02:11+C*03:04:01G			
C*02:02:03+C*12:18	C*02:16:02+C*12:02:03			
C*02:02:05+C*03:03:04	C*02:10+C*03:03:01G			
C*02:02:05+C*03:04:02	C*02:10+C*03:04:01G	C*02:27:02+C*03:07		
C*02:02:05+C*03:17	C*02:05+C*03:35			
C*02:02:05+C*03:38:01	C*02:10+C*03:38:02			
C*02:02:05+C*05:01:03	C*02:10+C*05:01:01G			
C*02:02:05+C*05:16	C*02:05+C*05:01:01G			
C*02:02:05+C*07:01:07	C*02:10+C*07:01:01G	C*02:14+C*07:26	C*02:16:01+C*07:22	C*02:27:02+C*07:09
C*02:02:05+C*07:04:03	C*02:10+C*07:04:01G			
C*02:02:05+C*07:27:02	C*02:10+C*07:27:01			
C*02:02:05+C*07:31	C*02:05+C*07:27:01			
C*02:02:05+C*08:01:02	C*02:10+C*08:01:01G	C*02:27:02+C*08:10		
C*02:02:05+C*08:12	C*02:05+C*08:02:01			
C*02:02:05+C*12:02:01G	C*02:10+C*12:02:03			
C*02:02:05+C*12:18	C*02:16:01+C*12:02:03			
C*02:02:07+C*05:21	C*02:35+C*05:01:06			
C*02:02:07+C*08:02:01	C*02:27:01+C*05:01:06			
C*02:02:08+C*04:01:24	C*02:02:09+C*04:01:10			
C*02:02:08+C*04:29	C*02:27:01+C*04:01:10			
C*02:02:08+C*04:43	C*02:15+C*04:01:10			
C*02:02:08+C*04:46	C*02:09+C*04:01:10			
C*02:02:08+C*04:61	C*02:13+C*04:01:10			
C*02:02:08+C*04:74	C*02:46+C*04:01:10			
C*02:02:09+C*04:29	C*02:27:01+C*04:01:24			
C*02:02:09+C*04:43	C*02:15+C*04:01:24			
C*02:02:09+C*04:46	C*02:09+C*04:01:24			
C*02:02:09+C*04:61	C*02:13+C*04:01:24			
C*02:02:09+C*04:74	C*02:46+C*04:01:24			
C*02:02:11+C*03:11:02	C*02:42+C*03:03:05			
C*02:02:11+C*03:22Q	C*02:25Q+C*03:03:05			
C*02:02:11+C*03:52	C*02:15+C*03:03:05			
C*02:02:11+C*03:81	C*02:36+C*03:03:05			
C*02:02:11+C*07:29	C*02:19+C*07:02:12			
C*02:02:11+C*07:75	C*02:35+C*07:02:12			
C*02:02:11+C*07:88	C*02:30+C*07:02:12			
C*02:02:11+C*07:94	C*02:20+C*07:01:12			
C*02:02:11+C*07:123	C*02:36+C*07:02:12			
C*02:02:11+C*07:129	C*02:34+C*07:01:12			
C*02:02:13+C*12:03:01G	C*02:10+C*12:03:09			
C*02:02:13+C*12:15	C*02:06+C*12:03:09			
C*02:02:13+C*12:20	C*02:16:01+C*12:03:09			
C*02:02:14+C*03:02:01G	C*02:10+C*03:02:06			
C*02:02:14+C*03:03:01G	C*02:10+C*03:03:09			
C*02:02:14+C*03:04:01G	C*02:10+C*03:04:10			
C*02:02:14+C*03:67	C*02:14+C*03:03:09			
C*02:02:14+C*04:01:01G	C*02:10+C*04:01:08			
C*02:02:14+C*04:01:09	C*02:10+C*04:01:07			
C*02:02:14+C*04:29	C*02:27:02+C*04:01:08			
C*02:02:14+C*14:02:01G	C*02:10+C*14:02:05			
C*02:02:14+C*15:02:01G	C*02:10+C*15:02:05			
C*02:02:14+C*15:06:01	C*02:10+C*15:06:03			
C*02:02:14+C*15:07	C*02:27:02+C*15:02:05			
C*02:02:14+C*16:01:01	C*02:27:02+C*16:02:03			
C*02:02:14+C*16:02:01	C*02:10+C*16:02:03			
C*02:03+C*02:10	C*02:16:01+C*02:28			
C*02:03+C*02:13	C*02:18+C*02:28			
C*02:03+C*03:02:01G	C*02:16:02+C*03:36			
C*02:03+C*03:04:01G	C*02:16:02+C*03:77			
C*02:03+C*03:21	C*02:28+C*03:55			
C*02:03+C*03:28	C*02:32+C*03:77			
C*02:03+C*04:08	C*02:32+C*04:34			
C*02:03+C*05:08	C*02:28+C*05:11			
C*02:03+C*05:18	C*02:16:02+C*05:12			
C*02:03+C*06:02:01G	C*02:28+C*06:04			
C*02:03+C*07:01:01G	C*02:18+C*07:95			
C*02:03+C*07:22	C*02:13+C*07:95	C*02:28+C*07:01:01G		
C*02:03+C*07:138	C*02:28+C*07:02:01G			
C*02:03+C*08:29	C*02:28+C*08:04			
C*02:03+C*12:02:01G	C*02:28+C*12:18			
C*02:03+C*12:03:01G	C*02:28+C*12:20			
C*02:03+C*14:16	C*02:28+C*14:06			
C*02:05+C*04:01:01G	C*02:17+C*04:15:02			
C*02:05+C*05:01:03	C*02:10+C*05:16			
C*02:05+C*07:08	C*02:17+C*07:27:01			
C*02:05+C*07:27:02	C*02:10+C*07:31			
C*02:05+C*07:108	C*02:17+C*07:01:12			
C*02:05+C*12:02:06	C*02:10+C*12:03:01G	C*02:27:02+C*12:04:02		
C*02:05+C*12:10:02	C*02:17+C*12:02:03			
C*02:05+C*14:02:01G	C*02:17+C*14:05			
C*02:05+C*14:09	C*02:10+C*14:05			
C*02:05+C*16:07	C*02:10+C*16:01:01	C*02:27:02+C*16:02:01		
C*02:05+C*16:23	C*02:17+C*16:01:01			
C*02:06+C*12:03:01G	C*02:10+C*12:15			

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C*02:06+C*12:20	C*02:16:01+C*12:15	
C*02:06+C*15:04	C*02:10+C*15:02:01G	
C*02:08+C*03:37	C*02:42+C*03:64	
C*02:08+C*03:77	C*02:28+C*03:64	
C*02:08+C*06:02:01G	C*02:42+C*06:28	
C*02:08+C*07:01:01G	C*02:42+C*07:73	
C*02:08+C*07:26	C*02:42+C*07:92	
C*02:08+C*08:14	C*02:42+C*08:03:01G	
C*02:08+C*14:18	C*02:42+C*14:02:01G	
C*02:08+C*15:07	C*02:27:01+C*15:10:02	
C*02:08+C*15:31	C*02:13+C*15:10:02	
C*02:08+C*15:35	C*02:35+C*15:10:02	
C*02:08+C*18:01:01G	C*02:42+C*18:04	
C*02:09+C*04:29	C*02:27:01+C*04:46	
C*02:09+C*04:43	C*02:15+C*04:46	
C*02:09+C*04:61	C*02:13+C*04:46	
C*02:09+C*04:74	C*02:46+C*04:46	
C*02:10+C*02:18	C*02:13+C*02:16:01	
C*02:10+C*03:32	C*02:27:02+C*03:45	
C*02:10+C*03:55	C*02:16:01+C*03:21	
C*02:10+C*03:67	C*02:14+C*03:03:01G	
C*02:10+C*04:27	C*02:33+C*04:07	
C*02:10+C*04:29	C*02:27:02+C*04:01:01G	
C*02:10+C*04:36	C*02:27:02+C*04:10	
C*02:10+C*05:11	C*02:16:01+C*05:08	
C*02:10+C*05:43	C*02:14+C*05:01:01G	
C*02:10+C*06:04	C*02:16:01+C*06:02:01G	
C*02:10+C*06:11	C*02:27:02+C*06:02:01G	
C*02:10+C*07:02:01G	C*02:16:01+C*07:138	C*02:27:02+C*07:76
C*02:10+C*07:16	C*02:27:02+C*07:07	
C*02:10+C*07:56:02	C*02:33+C*07:02:01G	
C*02:10+C*07:73	C*02:14+C*07:92	
C*02:10+C*08:02:01	C*02:27:02+C*05:01:01G	
C*02:10+C*08:02:04	C*02:27:02+C*05:01:02	
C*02:10+C*08:04	C*02:16:01+C*08:29	C*02:27:02+C*05:11
C*02:10+C*08:05	C*02:12+C*05:20	C*02:27:02+C*05:46
C*02:10+C*08:07	C*02:27:02+C*05:23	
C*02:10+C*08:12	C*02:27:02+C*05:16	
C*02:10+C*08:15	C*02:27:02+C*05:09	
C*02:10+C*08:28	C*02:27:02+C*05:25	
C*02:10+C*08:29	C*02:27:02+C*05:08	
C*02:10+C*08:37	C*02:14+C*08:02:01	C*02:27:02+C*05:43
C*02:10+C*12:02:01G	C*02:27:02+C*12:41	
C*02:10+C*12:18	C*02:16:01+C*12:02:01G	
C*02:10+C*12:20	C*02:16:01+C*12:03:01G	
C*02:10+C*14:02:01G	C*02:17+C*14:09	C*02:27:02+C*14:12
C*02:10+C*14:06	C*02:16:01+C*14:16	
C*02:10+C*15:07	C*02:27:02+C*15:02:01G	
C*02:10+C*16:15:01	C*02:27:02+C*16:25	
C*02:10+C*16:21	C*02:14+C*16:01:01	
C*02:10+C*16:23	C*02:17+C*16:07	
C*02:13+C*03:55	C*02:18+C*03:21	
C*02:13+C*04:29	C*02:27:01+C*04:61	
C*02:13+C*04:43	C*02:15+C*04:61	
C*02:13+C*04:74	C*02:46+C*04:61	
C*02:13+C*05:11	C*02:18+C*05:08	
C*02:13+C*06:04	C*02:16:02+C*06:31	C*02:18+C*06:02:01G
C*02:13+C*06:06	C*02:32+C*06:31	
C*02:13+C*06:11	C*02:27:01+C*06:31	
C*02:13+C*06:18	C*02:21+C*06:31	
C*02:13+C*06:50	C*02:20+C*06:31	
C*02:13+C*07:01:01G	C*02:18+C*07:22	
C*02:13+C*07:02:01G	C*02:18+C*07:138	
C*02:13+C*08:04	C*02:18+C*08:29	
C*02:13+C*12:18	C*02:18+C*12:02:01G	
C*02:13+C*12:20	C*02:18+C*12:03:01G	
C*02:13+C*15:07	C*02:27:01+C*15:31	
C*02:13+C*15:35	C*02:35+C*15:31	
C*02:15+C*03:11:02	C*02:42+C*03:52	
C*02:15+C*03:22Q	C*02:25Q+C*03:52	
C*02:15+C*03:81	C*02:36+C*03:52	
C*02:15+C*04:29	C*02:27:01+C*04:43	
C*02:15+C*04:74	C*02:46+C*04:43	
C*02:16:01+C*02:27:01	C*02:16:02+C*02:27:02	
C*02:16:01+C*06:11	C*02:27:02+C*06:04	
C*02:16:02+C*03:28	C*02:32+C*03:04:01G	
C*02:16:02+C*03:49	C*02:32+C*03:03:01G	
C*02:16:02+C*04:01:01G	C*02:32+C*04:04:01	
C*02:16:02+C*04:01:09	C*02:32+C*04:04:02	
C*02:16:02+C*04:03	C*02:32+C*04:06	
C*02:16:02+C*04:13	C*02:18+C*04:04:01	
C*02:16:02+C*04:61	C*02:18+C*04:01:01G	C*02:32+C*04:13
C*02:16:02+C*04:68	C*02:18+C*04:14	
C*02:16:02+C*05:01:01G	C*02:32+C*05:11	
C*02:16:02+C*05:39	C*02:32+C*05:27	
C*02:16:02+C*06:06	C*02:32+C*06:04	
C*02:16:02+C*06:11	C*02:27:01+C*06:04	
C*02:16:02+C*06:18	C*02:21+C*06:04	
C*02:16:02+C*06:50	C*02:20+C*06:04	
C*02:16:02+C*07:37	C*02:32+C*07:02:01G	
C*02:16:02+C*08:02:01	C*02:32+C*08:04	
C*02:16:02+C*12:24	C*02:32+C*12:20	
C*02:16:02+C*14:02:01G	C*02:32+C*14:06	
C*02:16:02+C*14:15	C*02:18+C*14:06	
C*02:16:02+C*15:08	C*02:32+C*15:02:01G	
C*02:16:02+C*15:31	C*02:18+C*15:02:01G	
C*02:18+C*14:02:01G	C*02:32+C*14:15	
C*02:18+C*15:08	C*02:32+C*15:31	
C*02:19+C*07:75	C*02:35+C*07:29	
C*02:19+C*07:88	C*02:30+C*07:29	
C*02:19+C*07:123	C*02:36+C*07:29	
C*02:19+C*15:19	C*02:30+C*15:06:01	
C*02:20+C*06:06	C*02:32+C*06:50	
C*02:20+C*06:11	C*02:27:01+C*06:50	
C*02:20+C*06:18	C*02:21+C*06:50	

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C*02:20+C*07:129	C*02:34+C*07:94			
C*02:21+C*06:06	C*02:32+C*06:18			
C*02:21+C*06:11	C*02:27:01+C*06:18			
C*02:21+C*16:20	C*02:36+C*16:11			
C*02:25Q+C*03:11:02	C*02:42+C*03:22Q			
C*02:25Q+C*03:81	C*02:36+C*03:22Q			
C*02:26:01+C*07:02:10	C*02:26:02+C*07:02:01G			
C*02:26:01+C*15:10:02	C*02:26:02+C*15:10:01			
C*02:27:01+C*04:74	C*02:46+C*04:29			
C*02:27:01+C*05:18	C*02:32+C*08:27			
C*02:27:01+C*05:21	C*02:35+C*08:02:01			
C*02:27:01+C*06:06	C*02:32+C*06:11			
C*02:27:01+C*15:35	C*02:35+C*15:07			
C*02:27:01+C*16:09	C*02:34+C*16:01:01			
C*02:28+C*03:37	C*02:42+C*03:77			
C*02:30+C*07:75	C*02:35+C*07:88			
C*02:30+C*07:123	C*02:36+C*07:88			
C*02:35+C*07:123	C*02:36+C*07:75			
C*02:36+C*03:11:02	C*02:42+C*03:81			
C*03:02:01G+C*03:03:09	C*03:02:06+C*03:03:01G			
C*03:02:01G+C*03:04:10	C*03:02:06+C*03:04:01G			
C*03:02:01G+C*03:32	C*03:04:01G+C*03:60			
C*03:02:01G+C*03:45	C*03:07+C*03:60			
C*03:02:01G+C*03:77	C*03:04:01G+C*03:36			
C*03:02:01G+C*04:01:01G	C*03:15+C*04:11	C*03:60+C*04:33		
C*03:02:01G+C*04:01:07	C*03:02:06+C*04:01:09			
C*03:02:01G+C*04:01:08	C*03:02:06+C*04:01:01G			
C*03:02:01G+C*04:36	C*03:60+C*04:11			
C*03:02:01G+C*04:52	C*03:15+C*04:55			
C*03:02:01G+C*05:10	C*03:40+C*05:31			
C*03:02:01G+C*05:12	C*03:36+C*05:18			
C*03:02:01G+C*05:25	C*03:60+C*05:01:01G			
C*03:02:01G+C*05:42	C*03:15+C*08:02:01	C*03:60+C*05:46		
C*03:02:01G+C*06:02:01G	C*03:60+C*06:30			
C*03:02:01G+C*07:01:01G	C*03:60+C*07:16			
C*03:02:01G+C*07:02:01G	C*03:60+C*07:51			
C*03:02:01G+C*07:09	C*03:60+C*07:07			
C*03:02:01G+C*07:56:01	C*03:60+C*07:79			
C*03:02:01G+C*07:109	C*03:60+C*07:60			
C*03:02:01G+C*08:28	C*03:60+C*08:02:01			
C*03:02:01G+C*12:28	C*03:60+C*12:03:01G			
C*03:02:01G+C*14:02:05	C*03:02:06+C*14:02:01G			
C*03:02:01G+C*14:13	C*03:60+C*14:02:01G			
C*03:02:01G+C*15:02:05	C*03:02:06+C*15:02:01G			
C*03:02:01G+C*15:06:03	C*03:02:06+C*15:06:01			
C*03:02:01G+C*16:02:03	C*03:02:06+C*16:02:01			
C*03:02:01G+C*16:26	C*03:60+C*16:01:01			
C*03:02:06+C*03:32	C*03:04:10+C*03:60			
C*03:02:06+C*03:77	C*03:04:10+C*03:36			
C*03:02:06+C*14:13	C*03:60+C*14:02:05			
C*03:03:01G+C*03:04:02	C*03:03:04+C*03:04:01G			
C*03:03:01G+C*03:04:10	C*03:03:09+C*03:04:01G			
C*03:03:01G+C*03:04:18	C*03:03:05+C*03:04:02			
C*03:03:01G+C*03:08	C*03:04:01G+C*03:31			
C*03:03:01G+C*03:11:01	C*03:03:12+C*03:11:02			
C*03:03:01G+C*03:19	C*03:04:01G+C*03:12			
C*03:03:01G+C*03:27	C*03:05+C*03:69			
C*03:03:01G+C*03:28	C*03:04:01G+C*03:49			
C*03:03:01G+C*03:29	C*03:10+C*03:31			
C*03:03:01G+C*03:35	C*03:04:01G+C*03:13			
C*03:03:01G+C*03:37	C*03:04:01G+C*03:11:02			
C*03:03:01G+C*03:38:01	C*03:03:04+C*03:38:02	C*03:04:02+C*03:69		
C*03:03:01G+C*03:38:02	C*03:04:01G+C*03:69			
C*03:03:01G+C*03:40	C*03:04:01G+C*03:43:01			
C*03:03:01G+C*03:42	C*03:09+C*03:43:01			
C*03:03:01G+C*03:65	C*03:04:01G+C*03:30			
C*03:03:01G+C*03:80	C*03:04:07+C*03:21			
C*03:03:01G+C*03:92	C*03:04:01G+C*03:55			
C*03:03:01G+C*04:01:01G	C*03:04:01G+C*04:52	C*03:49+C*04:04:01	C*03:55+C*04:08	C*03:69+C*04:10
C*03:03:01G+C*04:01:07	C*03:03:09+C*04:01:09			
C*03:03:01G+C*04:01:08	C*03:03:09+C*04:01:01G	C*03:04:10+C*04:52		
C*03:03:01G+C*04:01:09	C*03:49+C*04:04:02			
C*03:03:01G+C*04:01:11	C*03:03:10+C*04:01:01G			
C*03:03:01G+C*04:01:16	C*03:03:13+C*04:01:01G			
C*03:03:01G+C*04:03	C*03:49+C*04:06			
C*03:03:01G+C*04:10	C*03:45+C*04:55			
C*03:03:01G+C*04:11	C*03:04:01G+C*04:55			
C*03:03:01G+C*04:12	C*03:53+C*04:01:01G			
C*03:03:01G+C*04:18	C*03:30+C*04:01:01G	C*03:65+C*04:52		
C*03:03:01G+C*04:29	C*03:69+C*04:36			
C*03:03:01G+C*04:36	C*03:32+C*04:55			
C*03:03:01G+C*04:43	C*03:52+C*04:01:01G			
C*03:03:01G+C*04:48	C*03:54+C*04:52			
C*03:03:01G+C*04:61	C*03:49+C*04:13			
C*03:03:01G+C*04:64	C*03:96+C*04:01:01G			
C*03:03:01G+C*05:01:01G	C*03:13+C*05:10	C*03:49+C*05:11	C*03:55+C*05:39	
C*03:03:01G+C*05:01:03	C*03:03:04+C*05:01:01G			
C*03:03:01G+C*05:08	C*03:21+C*05:27			
C*03:03:01G+C*05:11	C*03:55+C*05:27			
C*03:03:01G+C*05:36	C*03:31+C*05:01:01G			
C*03:03:01G+C*05:39	C*03:49+C*05:27			
C*03:03:01G+C*05:42	C*03:69+C*05:25			
C*03:03:01G+C*05:43	C*03:67+C*05:01:01G			
C*03:03:01G+C*05:44	C*03:96+C*05:01:01G			
C*03:03:01G+C*05:46	C*03:69+C*05:01:01G			
C*03:03:01G+C*06:02:01G	C*03:03:12+C*06:02:10	C*03:04:01G+C*06:53	C*03:13+C*06:14	
C*03:03:01G+C*06:06	C*03:49+C*06:04			
C*03:03:01G+C*06:43	C*03:23+C*06:53			
C*03:03:01G+C*06:47	C*03:90+C*06:53			
C*03:03:01G+C*07:01:01G	C*03:04:01G+C*07:109	C*03:11:01+C*07:20	C*03:31+C*07:27:01	C*03:32+C*07:60
	C*03:39+C*07:96	C*03:67+C*07:26	C*03:69+C*07:40	
C*03:03:01G+C*07:01:07	C*03:03:04+C*07:01:01G	C*03:04:02+C*07:109	C*03:31+C*07:27:02	
C*03:03:01G+C*07:01:12	C*03:03:05+C*07:01:01G			
C*03:03:01G+C*07:02:01G	C*03:03:12+C*07:02:11	C*03:04:01G+C*07:56:01	C*03:13+C*07:10	C*03:18+C*07:127
	C*03:32+C*07:79	C*03:43:01+C*07:29	C*03:69+C*07:39	

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C*03:03:01G+C*07:02:12	C*03:03:05+C*07:02:01G			
C*03:03:01G+C*07:04:03	C*03:03:04+C*07:04:01G			
C*03:03:01G+C*07:07	C*03:07+C*07:60			
C*03:03:01G+C*07:09	C*03:07+C*07:109	C*03:45+C*07:60		
C*03:03:01G+C*07:16	C*03:04:01G+C*07:60			
C*03:03:01G+C*07:19	C*03:08+C*07:56:01	C*03:31+C*07:02:01G	C*03:90+C*07:109	
C*03:03:01G+C*07:27:01	C*03:13+C*07:43			
C*03:03:01G+C*07:27:02	C*03:03:04+C*07:27:01			
C*03:03:01G+C*07:37	C*03:28+C*07:56:01	C*03:49+C*07:02:01G		
C*03:03:01G+C*07:48	C*03:93+C*07:56:01			
C*03:03:01G+C*07:51	C*03:04:01G+C*07:79			
C*03:03:01G+C*07:73	C*03:67+C*07:92			
C*03:03:01G+C*07:76	C*03:07+C*07:56:01	C*03:45+C*07:79		
C*03:03:01G+C*07:92	C*03:18+C*07:96			
C*03:03:01G+C*07:123	C*03:81+C*07:02:01G			
C*03:03:01G+C*07:124	C*03:70+C*07:109			
C*03:03:01G+C*07:136	C*03:59+C*07:02:01G			
C*03:03:01G+C*07:155	C*03:70+C*07:56:01			
C*03:03:01G+C*08:01:01G	C*03:13+C*08:44	C*03:55+C*08:41		
C*03:03:01G+C*08:01:02	C*03:03:04+C*08:01:01G			
C*03:03:01G+C*08:02:01	C*03:49+C*08:04			
C*03:03:01G+C*08:03:01G	C*03:96+C*08:01:01G			
C*03:03:01G+C*08:05	C*03:69+C*08:02:01			
C*03:03:01G+C*08:21	C*03:69+C*08:01:01G			
C*03:03:01G+C*08:37	C*03:67+C*08:02:01			
C*03:03:01G+C*12:02:01G	C*03:03:04+C*12:02:03	C*03:69+C*12:49		
C*03:03:01G+C*12:04:02	C*03:69+C*12:05			
C*03:03:01G+C*12:08	C*03:31+C*12:02:01G			
C*03:03:01G+C*12:10:01	C*03:03:05+C*12:10:02			
C*03:03:01G+C*12:17	C*03:53+C*12:02:01G			
C*03:03:01G+C*12:24	C*03:49+C*12:20			
C*03:03:01G+C*12:26	C*03:75+C*12:03:01G			
C*03:03:01G+C*14:02:01G	C*03:49+C*14:06	C*03:55+C*14:20		
C*03:03:01G+C*14:02:03	C*03:64+C*14:10			
C*03:03:01G+C*14:02:05	C*03:03:09+C*14:02:01G			
C*03:03:01G+C*14:03	C*03:04:01G+C*14:10			
C*03:03:01G+C*14:19	C*03:88+C*14:02:01G			
C*03:03:01G+C*15:02:01G	C*03:04:01G+C*15:12	C*03:12+C*15:06:01	C*03:31+C*15:17	C*03:55+C*15:15
C*03:03:01G+C*15:02:05	C*03:03:09+C*15:02:01G	C*03:04:10+C*15:12	C*03:12+C*15:06:03	
C*03:03:01G+C*15:03	C*03:31+C*15:16	C*03:38:02+C*15:12	C*03:69+C*15:02:01G	
C*03:03:01G+C*15:04	C*03:43:01+C*15:40			
C*03:03:01G+C*15:06:01	C*03:81+C*15:40			
C*03:03:01G+C*15:06:02	C*03:03:11+C*15:06:01			
C*03:03:01G+C*15:06:03	C*03:03:09+C*15:06:01			
C*03:03:01G+C*15:08	C*03:28+C*15:12	C*03:49+C*15:02:01G		
C*03:03:01G+C*15:09	C*03:31+C*15:20	C*03:43:01+C*15:06:01	C*03:81+C*15:04	
C*03:03:01G+C*15:10:02	C*03:64+C*15:12			
C*03:03:01G+C*15:16	C*03:69+C*15:17			
C*03:03:01G+C*15:22	C*03:13+C*15:05:01G			
C*03:03:01G+C*15:39	C*03:51+C*15:12			
C*03:03:01G+C*15:45	C*03:70+C*15:12			
C*03:03:01G+C*16:02:01	C*03:03:12+C*16:02:02			
C*03:03:01G+C*16:02:03	C*03:03:09+C*16:02:01			
C*03:03:01G+C*16:15:01	C*03:69+C*16:01:01			
C*03:03:01G+C*16:20	C*03:81+C*16:01:01			
C*03:03:01G+C*16:21	C*03:67+C*16:01:01			
C*03:03:01G+C*16:22	C*03:59+C*16:01:01			
C*03:03:01G+C*16:25	C*03:69+C*16:02:01			
C*03:03:01G+C*16:32	C*03:83+C*16:01:01			
C*03:03:01G+C*17:01:02	C*03:03:05+C*17:01:01:01G			
C*03:03:01G+C*17:01:05	C*03:03:03+C*17:01:01:01G			
C*03:03:03+C*17:01:02	C*03:03:05+C*17:01:05			
C*03:03:04+C*03:04:10	C*03:03:09+C*03:04:02			
C*03:03:04+C*03:08	C*03:04:02+C*03:31			
C*03:03:04+C*03:19	C*03:04:02+C*03:12			
C*03:03:04+C*03:28	C*03:04:02+C*03:49			
C*03:03:04+C*03:35	C*03:04:02+C*03:13			
C*03:03:04+C*03:37	C*03:04:02+C*03:11:02			
C*03:03:04+C*03:40	C*03:04:02+C*03:43:01			
C*03:03:04+C*03:65	C*03:04:02+C*03:30			
C*03:03:04+C*03:92	C*03:04:02+C*03:55			
C*03:03:04+C*04:01:01G	C*03:04:02+C*04:52			
C*03:03:04+C*04:01:02	C*03:04:06+C*04:52			
C*03:03:04+C*04:11	C*03:04:02+C*04:55			
C*03:03:04+C*04:15:02	C*03:03:05+C*04:15:01			
C*03:03:04+C*05:36	C*03:31+C*05:01:03			
C*03:03:04+C*05:43	C*03:67+C*05:01:03			
C*03:03:04+C*05:44	C*03:96+C*05:01:03			
C*03:03:04+C*05:46	C*03:69+C*05:01:03			
C*03:03:04+C*06:02:01G	C*03:04:02+C*06:53			
C*03:03:04+C*07:01:12	C*03:03:05+C*07:01:07	C*03:04:18+C*07:109		
C*03:03:04+C*07:02:01G	C*03:04:02+C*07:56:01			
C*03:03:04+C*07:02:12	C*03:04:18+C*07:56:01			
C*03:03:04+C*07:16	C*03:04:02+C*07:60			
C*03:03:04+C*07:51	C*03:04:02+C*07:79			
C*03:03:04+C*08:03:01G	C*03:96+C*08:01:02			
C*03:03:04+C*08:21	C*03:69+C*08:01:02			
C*03:03:04+C*14:03	C*03:04:02+C*14:10			
C*03:03:04+C*15:02:01G	C*03:04:02+C*15:12			
C*03:03:04+C*15:03	C*03:38:01+C*15:12			
C*03:03:05+C*03:38:01	C*03:04:18+C*03:69			
C*03:03:05+C*07:19	C*03:31+C*07:02:12			
C*03:03:05+C*07:37	C*03:49+C*07:02:12			
C*03:03:05+C*07:123	C*03:81+C*07:02:12			
C*03:03:05+C*07:136	C*03:59+C*07:02:12			
C*03:03:09+C*03:08	C*03:04:10+C*03:31			
C*03:03:09+C*03:19	C*03:04:10+C*03:12			
C*03:03:09+C*03:28	C*03:04:10+C*03:49			
C*03:03:09+C*03:35	C*03:04:10+C*03:13			
C*03:03:09+C*03:37	C*03:04:10+C*03:11:02			
C*03:03:09+C*03:38:02	C*03:04:10+C*03:69			
C*03:03:09+C*03:40	C*03:04:10+C*03:43:01			
C*03:03:09+C*03:65	C*03:04:10+C*03:30			
C*03:03:09+C*03:92	C*03:04:10+C*03:55			
C*03:03:09+C*04:01:11	C*03:03:10+C*04:01:08			

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C*03:03:09+C*04:01:16	C*03:03:13+C*04:01:08			
C*03:03:09+C*04:11	C*03:04:10+C*04:55			
C*03:03:09+C*04:12	C*03:53+C*04:01:08			
C*03:03:09+C*04:18	C*03:30+C*04:01:08			
C*03:03:09+C*04:43	C*03:52+C*04:01:08			
C*03:03:09+C*04:64	C*03:96+C*04:01:08			
C*03:03:09+C*06:02:01G	C*03:04:10+C*06:53			
C*03:03:09+C*07:01:01G	C*03:04:10+C*07:109			
C*03:03:09+C*07:02:01G	C*03:04:10+C*07:56:01			
C*03:03:09+C*07:16	C*03:04:10+C*07:60			
C*03:03:09+C*07:51	C*03:04:10+C*07:79			
C*03:03:09+C*14:03	C*03:04:10+C*14:10			
C*03:03:09+C*14:19	C*03:88+C*14:02:05			
C*03:03:09+C*15:03	C*03:69+C*15:02:05			
C*03:03:09+C*15:06:02	C*03:03:11+C*15:06:03			
C*03:03:09+C*15:08	C*03:49+C*15:02:05			
C*03:03:09+C*15:09	C*03:43:01+C*15:06:03			
C*03:03:09+C*16:25	C*03:69+C*16:02:03			
C*03:03:10+C*04:01:16	C*03:03:13+C*04:01:11			
C*03:03:10+C*04:12	C*03:53+C*04:01:11			
C*03:03:10+C*04:18	C*03:30+C*04:01:11			
C*03:03:10+C*04:43	C*03:52+C*04:01:11			
C*03:03:10+C*04:64	C*03:96+C*04:01:11			
C*03:03:11+C*15:02:01G	C*03:12+C*15:06:02			
C*03:03:11+C*15:09	C*03:43:01+C*15:06:02			
C*03:03:12+C*03:37	C*03:04:01G+C*03:11:01			
C*03:03:12+C*15:10:01	C*03:18+C*15:02:01G			
C*03:03:13+C*04:12	C*03:53+C*04:01:16			
C*03:03:13+C*04:18	C*03:30+C*04:01:16			
C*03:03:13+C*04:43	C*03:52+C*04:01:16			
C*03:03:13+C*04:64	C*03:96+C*04:01:16			
C*03:04:01G+C*03:27	C*03:05+C*03:38:02			
C*03:04:01G+C*03:29	C*03:08+C*03:10			
C*03:04:01G+C*03:38:01	C*03:04:02+C*03:38:02			
C*03:04:01G+C*03:42	C*03:09+C*03:40			
C*03:04:01G+C*03:45	C*03:07+C*03:32			
C*03:04:01G+C*03:71	C*03:17+C*03:42			
C*03:04:01G+C*04:01:01G	C*03:07+C*04:29	C*03:28+C*04:04:01	C*03:32+C*04:33	C*03:38:02+C*04:10
	C*03:92+C*04:08			
C*03:04:01G+C*04:01:07	C*03:04:10+C*04:01:09			
C*03:04:01G+C*04:01:08	C*03:04:10+C*04:01:01G			
C*03:04:01G+C*04:01:09	C*03:28+C*04:04:02			
C*03:04:01G+C*04:03	C*03:28+C*04:06			
C*03:04:01G+C*04:10	C*03:07+C*04:36	C*03:45+C*04:11		
C*03:04:01G+C*04:15:02	C*03:09+C*04:17			
C*03:04:01G+C*04:18	C*03:65+C*04:01:01G			
C*03:04:01G+C*04:29	C*03:38:02+C*04:36			
C*03:04:01G+C*04:32	C*03:34+C*04:08			
C*03:04:01G+C*04:36	C*03:32+C*04:11			
C*03:04:01G+C*04:48	C*03:54+C*04:01:01G			
C*03:04:01G+C*04:61	C*03:28+C*04:13			
C*03:04:01G+C*05:01:01G	C*03:07+C*08:02:01	C*03:09+C*05:05	C*03:10+C*05:20	C*03:26+C*05:47
	C*03:28+C*05:11	C*03:35+C*05:10	C*03:92+C*05:39	
C*03:04:01G+C*05:01:02	C*03:07+C*08:02:04			
C*03:04:01G+C*05:01:03	C*03:04:02+C*05:01:01G			
C*03:04:01G+C*05:08	C*03:07+C*08:29			
C*03:04:01G+C*05:09	C*03:07+C*08:15			
C*03:04:01G+C*05:11	C*03:07+C*08:04	C*03:92+C*05:27		
C*03:04:01G+C*05:12	C*03:77+C*05:18			
C*03:04:01G+C*05:16	C*03:07+C*08:12	C*03:17+C*05:10		
C*03:04:01G+C*05:23	C*03:07+C*08:07			
C*03:04:01G+C*05:25	C*03:07+C*08:28	C*03:32+C*05:01:01G	C*03:45+C*08:02:01	
C*03:04:01G+C*05:36	C*03:08+C*05:01:01G	C*03:29+C*05:20		
C*03:04:01G+C*05:39	C*03:28+C*05:27			
C*03:04:01G+C*05:42	C*03:32+C*05:46	C*03:38:02+C*05:25	C*03:45+C*08:05	
C*03:04:01G+C*05:43	C*03:07+C*08:37			
C*03:04:01G+C*05:46	C*03:07+C*08:05	C*03:38:02+C*05:01:01G		
C*03:04:01G+C*06:02:01G	C*03:07+C*06:11	C*03:32+C*06:30	C*03:35+C*06:14	
C*03:04:01G+C*06:06	C*03:28+C*06:04			
C*03:04:01G+C*06:43	C*03:23+C*06:02:01G			
C*03:04:01G+C*06:47	C*03:90+C*06:02:01G			
C*03:04:01G+C*07:01:01G	C*03:04:19+C*07:01:05	C*03:08+C*07:27:01	C*03:32+C*07:16	C*03:38:02+C*07:40
C*03:04:01G+C*07:01:07	C*03:04:02+C*07:01:01G	C*03:08+C*07:27:02	C*03:38:01+C*07:40	
C*03:04:01G+C*07:02:01G	C*03:04:19+C*07:02:04	C*03:32+C*07:51	C*03:35+C*07:10	C*03:38:02+C*07:39
	C*03:40+C*07:29	C*03:41+C*07:133	C*03:90+C*07:27:01	
C*03:04:01G+C*07:04:03	C*03:04:02+C*07:04:01G			
C*03:04:01G+C*07:07	C*03:07+C*07:16			
C*03:04:01G+C*07:09	C*03:07+C*07:01:01G	C*03:32+C*07:07	C*03:45+C*07:16	
C*03:04:01G+C*07:10	C*03:90+C*07:43			
C*03:04:01G+C*07:13	C*03:26+C*07:29			
C*03:04:01G+C*07:19	C*03:08+C*07:02:01G	C*03:90+C*07:01:01G		
C*03:04:01G+C*07:27:01	C*03:35+C*07:43			
C*03:04:01G+C*07:27:02	C*03:04:02+C*07:27:01			
C*03:04:01G+C*07:31	C*03:17+C*07:43			
C*03:04:01G+C*07:37	C*03:28+C*07:02:01G			
C*03:04:01G+C*07:48	C*03:93+C*07:02:01G			
C*03:04:01G+C*07:76	C*03:07+C*07:02:01G	C*03:10+C*07:49	C*03:45+C*07:51	
C*03:04:01G+C*07:124	C*03:70+C*07:01:01G			
C*03:04:01G+C*07:142	C*03:57+C*07:04:01G			
C*03:04:01G+C*07:155	C*03:70+C*07:02:01G			
C*03:04:01G+C*08:01:01G	C*03:35+C*08:44	C*03:92+C*08:41		
C*03:04:01G+C*08:01:02	C*03:04:02+C*08:01:01G			
C*03:04:01G+C*08:02:01	C*03:28+C*08:04			
C*03:04:01G+C*08:05	C*03:38:02+C*08:02:01			
C*03:04:01G+C*08:10	C*03:07+C*08:01:01G			
C*03:04:01G+C*08:21	C*03:38:02+C*08:01:01G			
C*03:04:01G+C*08:28	C*03:32+C*08:02:01			
C*03:04:01G+C*08:38	C*03:90+C*08:03:01G			
C*03:04:01G+C*12:02:01G	C*03:04:02+C*12:02:03	C*03:38:02+C*12:49		
C*03:04:01G+C*12:02:05	C*03:04:15+C*12:02:01G			
C*03:04:01G+C*12:03:10	C*03:04:19+C*12:03:01G			
C*03:04:01G+C*12:03:12	C*03:04:08+C*12:03:01G			
C*03:04:01G+C*12:04:02	C*03:07+C*12:03:01G	C*03:38:02+C*12:05		
C*03:04:01G+C*12:08	C*03:08+C*12:02:01G			
C*03:04:01G+C*12:11	C*03:90+C*12:03:01G			

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C*03:04:01G+C*12:12	C*03:70+C*12:03:01G			
C*03:04:01G+C*12:24	C*03:28+C*12:20			
C*03:04:01G+C*12:28	C*03:32+C*12:03:01G			
C*03:04:01G+C*12:41	C*03:07+C*12:02:01G			
C*03:04:01G+C*14:02:01G	C*03:28+C*14:06	C*03:92+C*14:20		
C*03:04:01G+C*14:02:03	C*03:64+C*14:03			
C*03:04:01G+C*14:02:05	C*03:04:10+C*14:02:01G			
C*03:04:01G+C*14:12	C*03:07+C*14:02:01G			
C*03:04:01G+C*14:13	C*03:32+C*14:02:01G			
C*03:04:01G+C*14:25	C*03:34+C*14:20			
C*03:04:01G+C*15:02:01G	C*03:07+C*15:07	C*03:08+C*15:17	C*03:09+C*15:26	C*03:19+C*15:06:01
	C*03:92+C*15:15			
C*03:04:01G+C*15:02:05	C*03:04:10+C*15:02:01G	C*03:19+C*15:06:03		
C*03:04:01G+C*15:03	C*03:08+C*15:16	C*03:38:02+C*15:02:01G		
C*03:04:01G+C*15:04	C*03:40+C*15:40			
C*03:04:01G+C*15:05:01G	C*03:26+C*15:06:01			
C*03:04:01G+C*15:06:03	C*03:04:10+C*15:06:01			
C*03:04:01G+C*15:08	C*03:28+C*15:02:01G			
C*03:04:01G+C*15:09	C*03:08+C*15:20	C*03:40+C*15:06:01		
C*03:04:01G+C*15:10:02	C*03:64+C*15:02:01G			
C*03:04:01G+C*15:16	C*03:38:02+C*15:17			
C*03:04:01G+C*15:21	C*03:10+C*15:07			
C*03:04:01G+C*15:22	C*03:35+C*15:05:01G			
C*03:04:01G+C*15:39	C*03:51+C*15:02:01G			
C*03:04:01G+C*15:42	C*03:34+C*15:15			
C*03:04:01G+C*15:45	C*03:70+C*15:02:01G			
C*03:04:01G+C*16:02:01	C*03:07+C*16:01:01			
C*03:04:01G+C*16:02:03	C*03:04:10+C*16:02:01			
C*03:04:01G+C*16:15:01	C*03:38:02+C*16:01:01			
C*03:04:01G+C*16:25	C*03:07+C*16:15:01	C*03:38:02+C*16:02:01		
C*03:04:01G+C*16:26	C*03:32+C*16:01:01			
C*03:04:01G+C*17:08	C*03:23+C*17:01:01:01G			
C*03:04:02+C*03:27	C*03:05+C*03:38:01			
C*03:04:02+C*04:01:01G	C*03:38:01+C*04:10			
C*03:04:02+C*04:01:02	C*03:04:06+C*04:01:01G			
C*03:04:02+C*04:29	C*03:38:01+C*04:36			
C*03:04:02+C*05:25	C*03:32+C*05:01:03			
C*03:04:02+C*05:36	C*03:08+C*05:01:03			
C*03:04:02+C*05:42	C*03:38:01+C*05:25			
C*03:04:02+C*05:46	C*03:38:01+C*05:01:01G	C*03:38:02+C*05:01:03		
C*03:04:02+C*07:01:12	C*03:04:18+C*07:01:01G			
C*03:04:02+C*07:02:01G	C*03:38:01+C*07:39	C*03:90+C*07:27:02		
C*03:04:02+C*07:02:12	C*03:04:18+C*07:02:01G			
C*03:04:02+C*07:09	C*03:07+C*07:01:07			
C*03:04:02+C*07:19	C*03:90+C*07:01:07			
C*03:04:02+C*07:124	C*03:70+C*07:01:07			
C*03:04:02+C*07:142	C*03:57+C*07:04:03			
C*03:04:02+C*08:05	C*03:38:01+C*08:02:01			
C*03:04:02+C*08:08	C*03:05+C*08:44			
C*03:04:02+C*08:10	C*03:07+C*08:01:02			
C*03:04:02+C*08:21	C*03:38:01+C*08:01:01G	C*03:38:02+C*08:01:02		
C*03:04:02+C*12:02:01G	C*03:38:01+C*12:49			
C*03:04:02+C*12:04:02	C*03:38:01+C*12:05			
C*03:04:02+C*12:10:01	C*03:04:18+C*12:10:02			
C*03:04:02+C*15:03	C*03:38:01+C*15:02:01G			
C*03:04:02+C*15:16	C*03:38:01+C*15:17			
C*03:04:02+C*16:06	C*03:90+C*16:07			
C*03:04:02+C*16:15:01	C*03:38:01+C*16:01:01			
C*03:04:02+C*16:25	C*03:38:01+C*16:02:01			
C*03:04:02+C*17:01:02	C*03:04:18+C*17:01:01:01G			
C*03:04:07+C*05:08	C*03:80+C*05:27			
C*03:04:08+C*12:03:10	C*03:04:19+C*12:03:12			
C*03:04:08+C*12:04:02	C*03:07+C*12:03:12			
C*03:04:08+C*12:11	C*03:90+C*12:03:12			
C*03:04:08+C*12:12	C*03:70+C*12:03:12			
C*03:04:08+C*12:28	C*03:32+C*12:03:12			
C*03:04:10+C*04:18	C*03:65+C*04:01:08			
C*03:04:10+C*04:48	C*03:54+C*04:01:08			
C*03:04:10+C*14:12	C*03:07+C*14:02:05			
C*03:04:10+C*14:13	C*03:32+C*14:02:05			
C*03:04:10+C*15:03	C*03:38:02+C*15:02:05			
C*03:04:10+C*15:05:01G	C*03:26+C*15:06:03			
C*03:04:10+C*15:08	C*03:28+C*15:02:05			
C*03:04:10+C*15:09	C*03:40+C*15:06:03			
C*03:04:10+C*15:10:02	C*03:64+C*15:02:05			
C*03:04:10+C*15:39	C*03:51+C*15:02:05			
C*03:04:10+C*15:45	C*03:70+C*15:02:05			
C*03:04:10+C*16:25	C*03:38:02+C*16:02:03			
C*03:04:15+C*12:08	C*03:08+C*12:02:05			
C*03:04:15+C*12:41	C*03:07+C*12:02:05			
C*03:04:19+C*12:04:02	C*03:07+C*12:03:10			
C*03:04:19+C*12:11	C*03:90+C*12:03:10			
C*03:04:19+C*12:12	C*03:70+C*12:03:10			
C*03:04:19+C*12:28	C*03:32+C*12:03:10			
C*03:05+C*04:01:01G	C*03:27+C*04:10			
C*03:05+C*04:29	C*03:27+C*04:36			
C*03:05+C*05:42	C*03:27+C*05:25			
C*03:05+C*05:46	C*03:27+C*05:01:01G			
C*03:05+C*07:01:01G	C*03:27+C*07:40			
C*03:05+C*07:02:01G	C*03:27+C*07:39			
C*03:05+C*08:05	C*03:27+C*08:02:01			
C*03:05+C*08:21	C*03:27+C*08:01:01G			
C*03:05+C*12:02:01G	C*03:27+C*12:49			
C*03:05+C*12:04:02	C*03:27+C*12:05			
C*03:05+C*15:03	C*03:27+C*15:02:01G			
C*03:05+C*15:16	C*03:27+C*15:17			
C*03:05+C*16:15:01	C*03:27+C*16:01:01			
C*03:05+C*16:25	C*03:27+C*16:02:01			
C*03:07+C*04:01:01G	C*03:45+C*04:33			
C*03:07+C*05:25	C*03:45+C*05:01:01G			
C*03:07+C*05:42	C*03:45+C*05:46			
C*03:07+C*06:02:01G	C*03:45+C*06:30			
C*03:07+C*07:09	C*03:45+C*07:07			
C*03:07+C*07:19	C*03:08+C*07:76	C*03:29+C*07:49	C*03:90+C*07:09	
C*03:07+C*07:37	C*03:28+C*07:76			

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C*03:07+C*07:48	C*03:93+C*07:76	
C*03:07+C*07:124	C*03:70+C*07:09	
C*03:07+C*07:155	C*03:70+C*07:76	
C*03:07+C*08:21	C*03:38:02+C*08:10	
C*03:07+C*08:25	C*03:38:02+C*05:29	
C*03:07+C*12:08	C*03:08+C*12:41	
C*03:07+C*12:11	C*03:90+C*12:04:02	
C*03:07+C*12:12	C*03:70+C*12:04:02	
C*03:07+C*12:28	C*03:32+C*12:04:02	C*03:45+C*12:03:01G
C*03:07+C*14:13	C*03:32+C*14:12	C*03:45+C*14:02:01G
C*03:07+C*15:21	C*03:10+C*15:02:01G	C*03:29+C*15:17
C*03:07+C*16:26	C*03:32+C*16:02:01	C*03:45+C*16:01:01
C*03:08+C*03:11:02	C*03:31+C*03:37	
C*03:08+C*03:12	C*03:19+C*03:31	
C*03:08+C*03:13	C*03:31+C*03:35	
C*03:08+C*03:30	C*03:31+C*03:65	
C*03:08+C*03:43:01	C*03:31+C*03:40	
C*03:08+C*03:49	C*03:28+C*03:31	
C*03:08+C*03:55	C*03:31+C*03:92	
C*03:08+C*03:69	C*03:31+C*03:38:02	
C*03:08+C*04:52	C*03:31+C*04:01:01G	
C*03:08+C*04:55	C*03:31+C*04:11	
C*03:08+C*05:25	C*03:32+C*05:36	
C*03:08+C*05:46	C*03:38:02+C*05:36	
C*03:08+C*06:02:01G	C*03:38:02+C*06:44	
C*03:08+C*06:53	C*03:31+C*06:02:01G	C*03:69+C*06:44
C*03:08+C*07:02:04	C*03:90+C*07:01:05	
C*03:08+C*07:02:12	C*03:90+C*07:01:12	
C*03:08+C*07:37	C*03:28+C*07:19	
C*03:08+C*07:39	C*03:90+C*07:40	
C*03:08+C*07:48	C*03:93+C*07:19	
C*03:08+C*07:51	C*03:90+C*07:16	
C*03:08+C*07:60	C*03:31+C*07:16	
C*03:08+C*07:79	C*03:31+C*07:51	C*03:90+C*07:60
C*03:08+C*07:109	C*03:31+C*07:01:01G	
C*03:08+C*07:138	C*03:90+C*07:22	
C*03:08+C*07:155	C*03:70+C*07:19	C*03:90+C*07:124
C*03:08+C*14:10	C*03:31+C*14:03	
C*03:08+C*15:12	C*03:31+C*15:02:01G	
C*03:08+C*15:21	C*03:29+C*15:07	
C*03:09+C*07:02:01G	C*03:42+C*07:29	
C*03:09+C*15:04	C*03:42+C*15:40	
C*03:09+C*15:09	C*03:42+C*15:06:01	
C*03:10+C*05:36	C*03:29+C*05:01:01G	
C*03:10+C*07:01:01G	C*03:29+C*07:27:01	
C*03:10+C*07:01:07	C*03:29+C*07:27:02	
C*03:10+C*07:19	C*03:29+C*07:02:01G	
C*03:10+C*12:08	C*03:29+C*12:02:01G	
C*03:10+C*14:04	C*03:38:02+C*14:12	
C*03:10+C*15:03	C*03:29+C*15:16	
C*03:10+C*15:09	C*03:29+C*15:20	
C*03:11:01+C*06:02:01G	C*03:39+C*06:03	
C*03:11:01+C*06:02:10	C*03:11:02+C*06:02:01G	C*03:37+C*06:53
C*03:11:01+C*07:02:11	C*03:11:02+C*07:02:01G	C*03:37+C*07:56:01
C*03:11:01+C*15:23	C*03:39+C*15:05:01G	
C*03:11:01+C*16:02:02	C*03:11:02+C*16:02:01	
C*03:11:02+C*03:19	C*03:12+C*03:37	
C*03:11:02+C*03:28	C*03:37+C*03:49	
C*03:11:02+C*03:35	C*03:13+C*03:37	
C*03:11:02+C*03:38:02	C*03:37+C*03:69	
C*03:11:02+C*03:40	C*03:37+C*03:43:01	
C*03:11:02+C*03:65	C*03:30+C*03:37	
C*03:11:02+C*03:92	C*03:37+C*03:55	
C*03:11:02+C*04:01:01G	C*03:37+C*04:52	
C*03:11:02+C*04:11	C*03:37+C*04:55	
C*03:11:02+C*06:28	C*03:64+C*06:53	
C*03:11:02+C*07:01:01G	C*03:37+C*07:109	
C*03:11:02+C*07:16	C*03:37+C*07:60	
C*03:11:02+C*07:51	C*03:37+C*07:79	
C*03:11:02+C*07:73	C*03:64+C*07:109	
C*03:11:02+C*14:03	C*03:37+C*14:10	
C*03:11:02+C*15:02:01G	C*03:37+C*15:12	
C*03:12+C*03:28	C*03:19+C*03:49	
C*03:12+C*03:35	C*03:13+C*03:19	
C*03:12+C*03:38:02	C*03:19+C*03:69	
C*03:12+C*03:40	C*03:19+C*03:43:01	
C*03:12+C*03:65	C*03:19+C*03:30	
C*03:12+C*03:92	C*03:19+C*03:55	
C*03:12+C*04:01:01G	C*03:19+C*04:52	
C*03:12+C*04:11	C*03:19+C*04:55	
C*03:12+C*06:02:01G	C*03:19+C*06:53	
C*03:12+C*06:20	C*03:102+C*06:02:08	
C*03:12+C*07:01:01G	C*03:19+C*07:109	
C*03:12+C*07:02:01G	C*03:19+C*07:56:01	
C*03:12+C*07:16	C*03:19+C*07:60	
C*03:12+C*07:51	C*03:19+C*07:79	
C*03:12+C*14:03	C*03:19+C*14:10	
C*03:12+C*15:02:01G	C*03:19+C*15:12	
C*03:12+C*15:05:01G	C*03:26+C*15:12	
C*03:12+C*15:09	C*03:40+C*15:12	C*03:43:01+C*15:02:01G
C*03:12+C*15:20	C*03:43:01+C*15:17	
C*03:13+C*03:28	C*03:35+C*03:49	
C*03:13+C*03:38:02	C*03:35+C*03:69	
C*03:13+C*03:40	C*03:35+C*03:43:01	
C*03:13+C*03:65	C*03:30+C*03:35	
C*03:13+C*03:92	C*03:35+C*03:55	
C*03:13+C*04:01:01G	C*03:35+C*04:52	
C*03:13+C*04:11	C*03:35+C*04:55	
C*03:13+C*06:02:01G	C*03:35+C*06:53	
C*03:13+C*07:01:01G	C*03:35+C*07:109	
C*03:13+C*07:02:01G	C*03:35+C*07:56:01	
C*03:13+C*07:16	C*03:35+C*07:60	
C*03:13+C*07:51	C*03:35+C*07:79	
C*03:13+C*14:03	C*03:35+C*14:10	
C*03:13+C*15:02:01G	C*03:35+C*15:12	

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C*03:14+C*14:20	C*03:40+C*14:17	
C*03:15+C*04:36	C*03:60+C*04:01:01G	
C*03:15+C*07:39	C*03:60+C*07:76	
C*03:15+C*07:40	C*03:60+C*07:09	
C*03:15+C*08:28	C*03:60+C*05:42	
C*03:15+C*12:49	C*03:60+C*12:41	
C*03:15+C*15:07	C*03:60+C*15:03	
C*03:15+C*16:01:01	C*03:60+C*16:25	
C*03:17+C*05:01:01G	C*03:35+C*05:16	
C*03:17+C*07:10	C*03:90+C*07:31	
C*03:17+C*07:27:01	C*03:35+C*07:31	
C*03:17+C*08:02:01	C*03:35+C*08:12	
C*03:18+C*07:01:01G	C*03:39+C*07:92	
C*03:18+C*12:16	C*03:39+C*12:02:01G	
C*03:19+C*15:05:01G	C*03:26+C*15:02:01G	
C*03:19+C*15:09	C*03:40+C*15:02:01G	C*03:42+C*15:26
C*03:19+C*15:20	C*03:40+C*15:17	
C*03:21+C*05:11	C*03:55+C*05:08	
C*03:21+C*05:39	C*03:49+C*05:08	
C*03:21+C*06:04	C*03:55+C*06:02:01G	C*03:92+C*06:53
C*03:21+C*07:01:01G	C*03:55+C*07:22	
C*03:21+C*07:02:01G	C*03:55+C*07:138	
C*03:21+C*08:04	C*03:55+C*08:29	
C*03:21+C*12:18	C*03:55+C*12:02:01G	
C*03:21+C*12:20	C*03:55+C*12:03:01G	
C*03:21+C*14:06	C*03:55+C*14:16	
C*03:21+C*14:20	C*03:49+C*14:16	
C*03:23+C*06:47	C*03:90+C*06:43	
C*03:26+C*04:54	C*03:40+C*04:23	
C*03:26+C*05:04	C*03:40+C*05:22	
C*03:26+C*06:02:01G	C*03:40+C*06:34	
C*03:26+C*06:53	C*03:43:01+C*06:34	
C*03:26+C*07:02:01G	C*03:40+C*07:13	
C*03:26+C*07:56:01	C*03:43:01+C*07:13	
C*03:26+C*15:09	C*03:40+C*15:05:01G	
C*03:27+C*08:44	C*03:38:01+C*08:08	
C*03:28+C*03:30	C*03:49+C*03:65	
C*03:28+C*03:43:01	C*03:40+C*03:49	
C*03:28+C*03:55	C*03:49+C*03:92	
C*03:28+C*03:69	C*03:38:02+C*03:49	
C*03:28+C*04:34	C*03:77+C*04:08	
C*03:28+C*04:52	C*03:49+C*04:01:01G	
C*03:28+C*04:55	C*03:49+C*04:11	
C*03:28+C*06:53	C*03:49+C*06:02:01G	
C*03:28+C*07:48	C*03:93+C*07:37	
C*03:28+C*07:60	C*03:49+C*07:16	
C*03:28+C*07:79	C*03:49+C*07:51	
C*03:28+C*07:109	C*03:49+C*07:01:01G	
C*03:28+C*07:155	C*03:70+C*07:37	
C*03:28+C*14:10	C*03:49+C*14:03	
C*03:28+C*15:03	C*03:38:02+C*15:08	
C*03:28+C*15:10:02	C*03:64+C*15:08	
C*03:28+C*15:39	C*03:51+C*15:08	
C*03:28+C*15:45	C*03:70+C*15:08	
C*03:30+C*03:38:02	C*03:65+C*03:69	
C*03:30+C*03:40	C*03:43:01+C*03:65	
C*03:30+C*03:92	C*03:55+C*03:65	
C*03:30+C*04:11	C*03:65+C*04:55	
C*03:30+C*04:12	C*03:53+C*04:18	
C*03:30+C*04:43	C*03:52+C*04:18	
C*03:30+C*04:64	C*03:96+C*04:18	
C*03:30+C*06:02:01G	C*03:65+C*06:53	
C*03:30+C*07:01:01G	C*03:65+C*07:109	
C*03:30+C*07:02:01G	C*03:65+C*07:56:01	
C*03:30+C*07:16	C*03:65+C*07:60	
C*03:30+C*07:51	C*03:65+C*07:79	
C*03:30+C*14:03	C*03:65+C*14:10	
C*03:30+C*15:02:01G	C*03:65+C*15:12	
C*03:31+C*05:43	C*03:67+C*05:36	
C*03:31+C*05:44	C*03:96+C*05:36	
C*03:31+C*05:46	C*03:69+C*05:36	
C*03:31+C*07:37	C*03:49+C*07:19	
C*03:31+C*07:123	C*03:81+C*07:19	
C*03:31+C*07:136	C*03:59+C*07:19	
C*03:31+C*12:17	C*03:53+C*12:08	
C*03:32+C*03:36	C*03:60+C*03:77	
C*03:32+C*04:01:01G	C*03:45+C*04:29	
C*03:32+C*04:10	C*03:45+C*04:36	
C*03:32+C*05:01:02	C*03:45+C*08:02:04	
C*03:32+C*05:08	C*03:45+C*08:29	
C*03:32+C*05:09	C*03:45+C*08:15	
C*03:32+C*05:11	C*03:45+C*08:04	
C*03:32+C*05:16	C*03:45+C*08:12	
C*03:32+C*05:23	C*03:45+C*08:07	
C*03:32+C*05:25	C*03:45+C*08:28	
C*03:32+C*05:43	C*03:45+C*08:37	
C*03:32+C*06:02:01G	C*03:45+C*06:11	
C*03:32+C*07:09	C*03:45+C*07:01:01G	
C*03:32+C*07:76	C*03:45+C*07:02:01G	
C*03:32+C*08:05	C*03:38:02+C*08:28	
C*03:32+C*08:10	C*03:45+C*08:01:01G	
C*03:32+C*12:11	C*03:90+C*12:28	
C*03:32+C*12:12	C*03:70+C*12:28	
C*03:32+C*12:41	C*03:45+C*12:02:01G	
C*03:32+C*15:02:01G	C*03:45+C*15:07	
C*03:32+C*16:15:01	C*03:38:02+C*16:26	
C*03:32+C*16:25	C*03:45+C*16:15:01	
C*03:34+C*04:01:01G	C*03:92+C*04:32	
C*03:34+C*04:52	C*03:55+C*04:32	
C*03:34+C*06:02:01G	C*03:92+C*06:08	
C*03:34+C*06:53	C*03:55+C*06:08	
C*03:34+C*07:02:01G	C*03:92+C*07:15	
C*03:34+C*07:56:01	C*03:55+C*07:15	
C*03:34+C*08:29	C*03:92+C*08:31	
C*03:34+C*14:02:01G	C*03:92+C*14:25	

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C*03:34+C*15:02:01G	C*03:92+C*15:42	
C*03:34+C*15:12	C*03:55+C*15:42	
C*03:34+C*16:04:01	C*03:92+C*16:29	
C*03:37+C*06:28	C*03:64+C*06:02:01G	
C*03:37+C*07:73	C*03:64+C*07:01:01G	
C*03:37+C*07:92	C*03:64+C*07:26	
C*03:37+C*08:03:01G	C*03:64+C*08:14	
C*03:37+C*14:02:01G	C*03:64+C*14:18	
C*03:37+C*18:04	C*03:64+C*18:01:01G	
C*03:38:01+C*07:01:01G	C*03:38:02+C*07:01:07	
C*03:38:01+C*07:04:01G	C*03:38:02+C*07:04:03	
C*03:38:01+C*07:27:01	C*03:38:02+C*07:27:02	
C*03:38:01+C*07:109	C*03:69+C*07:01:07	
C*03:38:01+C*12:02:03	C*03:38:02+C*12:02:01G	
C*03:38:02+C*03:43:01	C*03:40+C*03:69	
C*03:38:02+C*03:55	C*03:69+C*03:92	
C*03:38:02+C*04:52	C*03:69+C*04:01:01G	
C*03:38:02+C*04:55	C*03:69+C*04:11	
C*03:38:02+C*06:53	C*03:69+C*06:02:01G	
C*03:38:02+C*07:56:01	C*03:69+C*07:02:01G	
C*03:38:02+C*07:60	C*03:69+C*07:16	
C*03:38:02+C*07:79	C*03:69+C*07:51	
C*03:38:02+C*07:109	C*03:69+C*07:01:01G	
C*03:38:02+C*14:10	C*03:69+C*14:03	
C*03:38:02+C*15:10:02	C*03:64+C*15:03	
C*03:38:02+C*15:39	C*03:51+C*15:03	
C*03:38:02+C*15:45	C*03:70+C*15:03	
C*03:40+C*03:55	C*03:43:01+C*03:92	
C*03:40+C*04:15:02	C*03:42+C*04:17	
C*03:40+C*04:52	C*03:43:01+C*04:01:01G	
C*03:40+C*04:55	C*03:43:01+C*04:11	
C*03:40+C*05:01:01G	C*03:42+C*05:05	
C*03:40+C*06:53	C*03:43:01+C*06:02:01G	C*03:43:02+C*06:02:08
C*03:40+C*07:56:01	C*03:43:01+C*07:02:01G	
C*03:40+C*07:60	C*03:43:01+C*07:16	
C*03:40+C*07:79	C*03:43:01+C*07:51	
C*03:40+C*07:109	C*03:43:01+C*07:01:01G	
C*03:40+C*14:10	C*03:43:01+C*14:03	
C*03:42+C*05:16	C*03:71+C*05:10	
C*03:42+C*07:31	C*03:71+C*07:43	
C*03:43:01+C*04:01:07	C*03:43:02+C*04:01:08	
C*03:43:01+C*04:01:09	C*03:43:02+C*04:01:01G	
C*03:43:01+C*04:04:02	C*03:43:02+C*04:04:01	
C*03:43:01+C*14:02:02	C*03:43:02+C*14:02:01G	
C*03:49+C*07:123	C*03:81+C*07:37	
C*03:49+C*07:136	C*03:59+C*07:37	
C*03:49+C*15:03	C*03:69+C*15:08	
C*03:51+C*15:10:02	C*03:64+C*15:39	
C*03:51+C*15:45	C*03:70+C*15:39	
C*03:52+C*04:12	C*03:53+C*04:43	
C*03:52+C*04:64	C*03:96+C*04:43	
C*03:53+C*04:64	C*03:96+C*04:12	
C*03:54+C*04:18	C*03:65+C*04:48	
C*03:55+C*04:01:01G	C*03:92+C*04:52	
C*03:55+C*04:11	C*03:92+C*04:55	
C*03:55+C*07:01:01G	C*03:92+C*07:109	
C*03:55+C*07:02:01G	C*03:92+C*07:56:01	
C*03:55+C*07:16	C*03:92+C*07:60	
C*03:55+C*07:51	C*03:92+C*07:79	
C*03:55+C*07:120	C*03:98+C*07:109	
C*03:55+C*14:03	C*03:92+C*14:10	
C*03:55+C*15:02:01G	C*03:92+C*15:12	
C*03:59+C*07:123	C*03:81+C*07:136	
C*03:59+C*16:15:01	C*03:69+C*16:22	
C*03:59+C*16:20	C*03:81+C*16:22	
C*03:59+C*16:21	C*03:67+C*16:22	
C*03:59+C*16:32	C*03:83+C*16:22	
C*03:64+C*15:45	C*03:70+C*15:10:02	
C*03:67+C*05:44	C*03:96+C*05:43	
C*03:67+C*05:46	C*03:69+C*05:43	
C*03:67+C*08:05	C*03:69+C*08:37	
C*03:67+C*16:15:01	C*03:69+C*16:21	
C*03:67+C*16:20	C*03:81+C*16:21	
C*03:67+C*16:32	C*03:83+C*16:21	
C*03:69+C*05:44	C*03:96+C*05:46	
C*03:69+C*08:03:01G	C*03:96+C*08:21	
C*03:69+C*16:20	C*03:81+C*16:15:01	
C*03:69+C*16:32	C*03:83+C*16:15:01	
C*03:70+C*07:48	C*03:93+C*07:155	
C*03:70+C*12:11	C*03:90+C*12:12	
C*03:77+C*04:04:01	C*03:92+C*04:34	
C*03:81+C*16:32	C*03:83+C*16:20	
C*03:92+C*07:120	C*03:98+C*07:01:01G	
C*04:01:01G+C*04:01:07	C*04:01:08+C*04:01:09	
C*04:01:01G+C*04:04:02	C*04:01:09+C*04:04:01	
C*04:01:01G+C*04:06	C*04:03+C*04:04:01	
C*04:01:01G+C*04:11	C*04:33+C*04:36	
C*04:01:01G+C*04:13	C*04:04:01+C*04:61	
C*04:01:01G+C*04:36	C*04:10+C*04:29	
C*04:01:01G+C*04:55	C*04:11+C*04:52	
C*04:01:01G+C*04:68	C*04:14+C*04:61	
C*04:01:01G+C*05:01:01G	C*04:10+C*05:46	C*04:33+C*05:25
C*04:01:01G+C*05:01:07	C*04:01:17+C*05:01:01G	
C*04:01:01G+C*05:01:12	C*04:01:23+C*05:01:01G	
C*04:01:01G+C*05:04	C*04:54+C*05:01:01G	
C*04:01:01G+C*05:11	C*04:04:01+C*05:01:01G	
C*04:01:01G+C*05:15	C*04:49+C*05:01:01G	
C*04:01:01G+C*05:22	C*04:23+C*05:01:01G	
C*04:01:01G+C*05:25	C*04:10+C*05:42	
C*04:01:01G+C*05:27	C*04:04:01+C*05:39	C*04:08+C*05:11
C*04:01:01G+C*05:39	C*04:08+C*05:01:01G	
C*04:01:01G+C*05:41	C*04:78+C*05:01:01G	
C*04:01:01G+C*05:44	C*04:64+C*05:01:01G	
C*04:01:01G+C*05:46	C*04:33+C*05:42	
C*04:01:01G+C*05:49	C*04:53+C*05:01:01G	

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C*04:01:01G+C*06:02:01G	C*04:01:09+C*06:02:08	C*04:54+C*06:09		
C*04:01:01G+C*06:02:11	C*04:01:25+C*06:02:01G			
C*04:01:01G+C*06:04	C*04:04:01+C*06:06			
C*04:01:01G+C*06:08	C*04:32+C*06:02:01G			
C*04:01:01G+C*06:11	C*04:29+C*06:02:01G			
C*04:01:01G+C*06:25	C*04:81+C*06:02:01G			
C*04:01:01G+C*06:30	C*04:33+C*06:02:01G			
C*04:01:01G+C*06:31	C*04:61+C*06:02:01G			
C*04:01:01G+C*06:34	C*04:23+C*06:09			
C*04:01:01G+C*06:53	C*04:52+C*06:02:01G			
C*04:01:01G+C*07:01:01G	C*04:29+C*07:09	C*04:54+C*07:28		
C*04:01:01G+C*07:01:03	C*04:01:17+C*07:01:01G			
C*04:01:01G+C*07:01:07	C*04:15:01+C*07:108			
C*04:01:01G+C*07:01:12	C*04:15:02+C*07:108			
C*04:01:01G+C*07:02:01G	C*04:01:23+C*07:02:09	C*04:04:01+C*07:37	C*04:07+C*07:125	C*04:29+C*07:76
C*04:01:01G+C*07:02:17	C*04:01:20+C*07:02:01G			
C*04:01:01G+C*07:02:20	C*04:01:06+C*07:02:01G			
C*04:01:01G+C*07:07	C*04:33+C*07:09			
C*04:01:01G+C*07:15	C*04:32+C*07:02:01G			
C*04:01:01G+C*07:16	C*04:29+C*07:07	C*04:33+C*07:01:01G		
C*04:01:01G+C*07:27:01	C*04:15:02+C*07:08			
C*04:01:01G+C*07:39	C*04:10+C*07:02:01G	C*04:36+C*07:76		
C*04:01:01G+C*07:40	C*04:10+C*07:01:01G	C*04:36+C*07:09		
C*04:01:01G+C*07:51	C*04:33+C*07:02:01G			
C*04:01:01G+C*07:56:01	C*04:52+C*07:02:01G			
C*04:01:01G+C*07:56:02	C*04:27+C*07:125			
C*04:01:01G+C*07:60	C*04:33+C*07:109	C*04:52+C*07:16		
C*04:01:01G+C*07:79	C*04:33+C*07:56:01	C*04:52+C*07:51		
C*04:01:01G+C*07:109	C*04:52+C*07:01:01G			
C*04:01:01G+C*07:122	C*04:53+C*07:01:01G			
C*04:01:01G+C*07:144	C*04:78+C*07:02:01G			
C*04:01:01G+C*08:01:01G	C*04:10+C*08:21	C*04:29+C*08:10		
C*04:01:01G+C*08:02:01	C*04:10+C*08:05	C*04:11+C*05:42	C*04:29+C*05:01:01G	C*04:33+C*08:28
	C*04:36+C*05:46			
C*04:01:01G+C*08:02:04	C*04:29+C*05:01:02			
C*04:01:01G+C*08:02:05	C*04:01:20+C*08:02:01			
C*04:01:01G+C*08:03:01G	C*04:64+C*08:01:01G			
C*04:01:01G+C*08:04	C*04:04:01+C*08:02:01	C*04:29+C*05:11		
C*04:01:01G+C*08:05	C*04:29+C*05:46			
C*04:01:01G+C*08:07	C*04:29+C*05:23			
C*04:01:01G+C*08:11	C*04:54+C*08:01:01G			
C*04:01:01G+C*08:12	C*04:29+C*05:16			
C*04:01:01G+C*08:15	C*04:29+C*05:09			
C*04:01:01G+C*08:28	C*04:29+C*05:25	C*04:36+C*05:42		
C*04:01:01G+C*08:29	C*04:29+C*05:08			
C*04:01:01G+C*08:31	C*04:32+C*08:29			
C*04:01:01G+C*08:37	C*04:29+C*05:43			
C*04:01:01G+C*08:41	C*04:08+C*08:01:01G			
C*04:01:01G+C*12:02:01G	C*04:15:01+C*12:10:01	C*04:29+C*12:41		
C*04:01:01G+C*12:02:03	C*04:15:02+C*12:10:02			
C*04:01:01G+C*12:03:01G	C*04:29+C*12:04:02	C*04:33+C*12:28		
C*04:01:01G+C*12:03:03	C*04:01:25+C*12:03:01G			
C*04:01:01G+C*12:03:04	C*04:01:23+C*12:03:01G			
C*04:01:01G+C*12:05	C*04:10+C*12:04:02			
C*04:01:01G+C*12:17	C*04:12+C*12:02:01G			
C*04:01:01G+C*12:20	C*04:04:01+C*12:24			
C*04:01:01G+C*12:30	C*04:70+C*12:02:01G			
C*04:01:01G+C*12:49	C*04:10+C*12:02:01G	C*04:36+C*12:41		
C*04:01:01G+C*14:02:01G	C*04:01:23+C*14:02:03	C*04:29+C*14:12	C*04:33+C*14:13	
C*04:01:01G+C*14:02:02	C*04:01:09+C*14:02:01G			
C*04:01:01G+C*14:02:05	C*04:01:08+C*14:02:01G			
C*04:01:01G+C*14:05	C*04:15:02+C*14:02:01G			
C*04:01:01G+C*14:06	C*04:04:01+C*14:02:01G			
C*04:01:01G+C*14:10	C*04:52+C*14:03			
C*04:01:01G+C*14:15	C*04:13+C*14:02:01G	C*04:61+C*14:06		
C*04:01:01G+C*14:20	C*04:08+C*14:02:01G			
C*04:01:01G+C*14:25	C*04:32+C*14:02:01G			
C*04:01:01G+C*15:02:01G	C*04:04:01+C*15:08	C*04:10+C*15:03		
C*04:01:01G+C*15:02:05	C*04:01:08+C*15:02:01G			
C*04:01:01G+C*15:05:05	C*04:01:25+C*15:05:01G			
C*04:01:01G+C*15:06:01	C*04:23+C*15:24			
C*04:01:01G+C*15:06:03	C*04:01:08+C*15:06:01			
C*04:01:01G+C*15:07	C*04:29+C*15:02:01G	C*04:36+C*15:03		
C*04:01:01G+C*15:12	C*04:52+C*15:02:01G			
C*04:01:01G+C*15:15	C*04:08+C*15:02:01G			
C*04:01:01G+C*15:17	C*04:10+C*15:16			
C*04:01:01G+C*15:23	C*04:42+C*15:36			
C*04:01:01G+C*15:31	C*04:13+C*15:08	C*04:61+C*15:02:01G		
C*04:01:01G+C*15:42	C*04:32+C*15:02:01G			
C*04:01:01G+C*16:01:01	C*04:10+C*16:15:01	C*04:15:02+C*16:23	C*04:29+C*16:02:01	C*04:33+C*16:26
	C*04:36+C*16:25			
C*04:01:01G+C*16:01:02	C*04:01:23+C*16:01:01			
C*04:01:01G+C*16:01:03	C*04:01:15+C*16:01:01			
C*04:01:01G+C*16:02:01	C*04:10+C*16:25	C*04:68+C*12:09		
C*04:01:01G+C*16:02:03	C*04:01:08+C*16:02:01			
C*04:01:01G+C*16:12	C*04:69+C*16:02:01			
C*04:01:01G+C*16:15:01	C*04:29+C*16:25			
C*04:01:01G+C*16:15:02	C*04:68+C*12:24			
C*04:01:01G+C*16:16Q	C*04:59Q+C*16:01:01			
C*04:01:01G+C*16:29	C*04:32+C*16:04:01			
C*04:01:01G+C*17:01:01:01G	C*04:01:23+C*17:01:04			
C*04:01:01G+C*17:01:03	C*04:01:15+C*17:01:01:01G			
C*04:01:05+C*08:02:01	C*04:01:09+C*08:02:02			
C*04:01:05+C*08:04	C*04:04:02+C*08:02:02			
C*04:01:05+C*12:03:08	C*04:01:09+C*12:03:01G			
C*04:01:05+C*16:15:01	C*04:01:09+C*16:15:02			
C*04:01:06+C*07:02:17	C*04:01:20+C*07:02:20			
C*04:01:06+C*07:15	C*04:32+C*07:02:20			
C*04:01:06+C*07:39	C*04:10+C*07:02:20			
C*04:01:06+C*07:51	C*04:33+C*07:02:20			
C*04:01:06+C*07:56:01	C*04:52+C*07:02:20			
C*04:01:06+C*07:144	C*04:78+C*07:02:20			
C*04:01:07+C*04:04:01	C*04:01:08+C*04:04:02			
C*04:01:07+C*06:02:08	C*04:01:08+C*06:02:01G			
C*04:01:07+C*14:02:01G	C*04:01:08+C*14:02:02	C*04:01:09+C*14:02:05		

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C*04:01:07+C*14:06	C*04:04:02+C*14:02:05	
C*04:01:07+C*15:02:01G	C*04:01:09+C*15:02:05	
C*04:01:07+C*15:06:01	C*04:01:09+C*15:06:03	
C*04:01:07+C*16:02:01	C*04:01:09+C*16:02:03	
C*04:01:08+C*14:05	C*04:15:02+C*14:02:05	
C*04:01:08+C*14:06	C*04:04:01+C*14:02:05	
C*04:01:08+C*14:15	C*04:13+C*14:02:05	
C*04:01:08+C*14:20	C*04:08+C*14:02:05	
C*04:01:08+C*14:25	C*04:32+C*14:02:05	
C*04:01:08+C*15:07	C*04:29+C*15:02:05	
C*04:01:08+C*15:12	C*04:52+C*15:02:05	
C*04:01:08+C*15:15	C*04:08+C*15:02:05	
C*04:01:08+C*15:31	C*04:61+C*15:02:05	
C*04:01:08+C*15:42	C*04:32+C*15:02:05	
C*04:01:08+C*16:01:01	C*04:29+C*16:02:03	
C*04:01:08+C*16:12	C*04:69+C*16:02:03	
C*04:01:09+C*04:06	C*04:03+C*04:04:02	
C*04:01:09+C*04:13	C*04:04:02+C*04:61	
C*04:01:09+C*05:11	C*04:04:02+C*05:01:01G	
C*04:01:09+C*05:27	C*04:04:02+C*05:39	
C*04:01:09+C*06:04	C*04:04:02+C*06:06	
C*04:01:09+C*07:02:01G	C*04:04:02+C*07:37	
C*04:01:09+C*08:04	C*04:04:02+C*08:02:01	
C*04:01:09+C*12:20	C*04:04:02+C*12:24	
C*04:01:09+C*14:05	C*04:15:02+C*14:02:02	
C*04:01:09+C*14:06	C*04:04:01+C*14:02:02	C*04:04:02+C*14:02:01G
C*04:01:09+C*14:15	C*04:13+C*14:02:02	
C*04:01:09+C*14:20	C*04:08+C*14:02:02	
C*04:01:09+C*14:25	C*04:32+C*14:02:02	
C*04:01:09+C*15:02:01G	C*04:04:02+C*15:08	
C*04:01:15+C*16:01:02	C*04:01:23+C*16:01:03	
C*04:01:15+C*16:16Q	C*04:59Q+C*16:01:03	
C*04:01:17+C*05:01:12	C*04:01:23+C*05:01:07	
C*04:01:17+C*05:04	C*04:54+C*05:01:07	
C*04:01:17+C*05:11	C*04:04:01+C*05:01:07	
C*04:01:17+C*05:15	C*04:49+C*05:01:07	
C*04:01:17+C*05:22	C*04:23+C*05:01:07	
C*04:01:17+C*05:39	C*04:08+C*05:01:07	
C*04:01:17+C*05:41	C*04:78+C*05:01:07	
C*04:01:17+C*05:44	C*04:64+C*05:01:07	
C*04:01:17+C*05:49	C*04:53+C*05:01:07	
C*04:01:17+C*07:16	C*04:33+C*07:01:03	
C*04:01:17+C*07:40	C*04:10+C*07:01:03	
C*04:01:17+C*07:109	C*04:52+C*07:01:03	
C*04:01:17+C*07:122	C*04:53+C*07:01:03	
C*04:01:17+C*08:02:01	C*04:29+C*05:01:07	
C*04:01:20+C*07:15	C*04:32+C*07:02:17	
C*04:01:20+C*07:39	C*04:10+C*07:02:17	
C*04:01:20+C*07:51	C*04:33+C*07:02:17	
C*04:01:20+C*07:56:01	C*04:52+C*07:02:17	
C*04:01:20+C*07:144	C*04:78+C*07:02:17	
C*04:01:20+C*08:04	C*04:04:01+C*08:02:05	
C*04:01:23+C*05:04	C*04:54+C*05:01:12	
C*04:01:23+C*05:11	C*04:04:01+C*05:01:12	
C*04:01:23+C*05:15	C*04:49+C*05:01:12	
C*04:01:23+C*05:22	C*04:23+C*05:01:12	
C*04:01:23+C*05:39	C*04:08+C*05:01:12	
C*04:01:23+C*05:41	C*04:78+C*05:01:12	
C*04:01:23+C*05:44	C*04:64+C*05:01:12	
C*04:01:23+C*05:49	C*04:53+C*05:01:12	
C*04:01:23+C*08:02:01	C*04:29+C*05:01:12	
C*04:01:23+C*12:03:03	C*04:01:25+C*12:03:04	
C*04:01:23+C*12:03:08	C*04:29+C*12:04:01	
C*04:01:23+C*16:16Q	C*04:59Q+C*16:01:02	
C*04:01:25+C*06:08	C*04:32+C*06:02:11	
C*04:01:25+C*06:11	C*04:29+C*06:02:11	
C*04:01:25+C*06:25	C*04:81+C*06:02:11	
C*04:01:25+C*06:30	C*04:33+C*06:02:11	
C*04:01:25+C*06:31	C*04:61+C*06:02:11	
C*04:01:25+C*06:53	C*04:52+C*06:02:11	
C*04:03+C*04:13	C*04:06+C*04:61	
C*04:03+C*05:11	C*04:06+C*05:01:01G	
C*04:03+C*05:27	C*04:06+C*05:39	
C*04:03+C*06:04	C*04:06+C*06:06	
C*04:03+C*07:02:01G	C*04:06+C*07:37	
C*04:03+C*08:04	C*04:06+C*08:02:01	
C*04:03+C*12:20	C*04:06+C*12:24	
C*04:03+C*12:44	C*04:80+C*12:10:01	
C*04:03+C*14:06	C*04:06+C*14:02:01G	
C*04:03+C*15:02:01G	C*04:06+C*15:08	
C*04:04:01+C*04:68	C*04:13+C*04:14	
C*04:04:01+C*05:04	C*04:54+C*05:11	
C*04:04:01+C*05:15	C*04:49+C*05:11	
C*04:04:01+C*05:22	C*04:23+C*05:11	
C*04:04:01+C*05:41	C*04:78+C*05:11	
C*04:04:01+C*05:44	C*04:64+C*05:11	
C*04:04:01+C*05:49	C*04:53+C*05:11	
C*04:04:01+C*06:02:01G	C*04:04:02+C*06:02:08	
C*04:04:01+C*06:31	C*04:13+C*06:02:01G	
C*04:04:01+C*07:53	C*04:14+C*07:01:01G	
C*04:04:01+C*12:14:02	C*04:58+C*12:18	
C*04:04:01+C*14:05	C*04:15:02+C*14:06	
C*04:04:01+C*14:15	C*04:13+C*14:06	
C*04:04:01+C*14:20	C*04:08+C*14:06	
C*04:04:01+C*14:25	C*04:32+C*14:06	
C*04:04:01+C*15:31	C*04:13+C*15:02:01G	
C*04:04:01+C*16:15:02	C*04:68+C*12:20	
C*04:07+C*07:56:02	C*04:27+C*07:02:01G	
C*04:08+C*05:04	C*04:54+C*05:39	
C*04:08+C*05:15	C*04:49+C*05:39	
C*04:08+C*05:22	C*04:23+C*05:39	
C*04:08+C*05:41	C*04:78+C*05:39	
C*04:08+C*05:44	C*04:64+C*05:39	
C*04:08+C*05:49	C*04:53+C*05:39	
C*04:08+C*08:02:01	C*04:29+C*05:39	

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C*04:08+C*08:03:01G	C*04:64+C*08:41		
C*04:08+C*08:04	C*04:29+C*05:27		
C*04:08+C*08:11	C*04:54+C*08:41		
C*04:08+C*14:05	C*04:15:02+C*14:20		
C*04:08+C*14:15	C*04:13+C*14:20		
C*04:08+C*14:25	C*04:32+C*14:20		
C*04:08+C*15:07	C*04:29+C*15:15		
C*04:08+C*15:12	C*04:52+C*15:15		
C*04:08+C*15:31	C*04:61+C*15:15		
C*04:08+C*15:42	C*04:32+C*15:15		
C*04:10+C*06:11	C*04:36+C*06:02:01G		
C*04:10+C*07:15	C*04:32+C*07:39		
C*04:10+C*07:16	C*04:11+C*07:09	C*04:33+C*07:40	C*04:36+C*07:07
C*04:10+C*07:51	C*04:11+C*07:76	C*04:33+C*07:39	
C*04:10+C*07:56:01	C*04:52+C*07:39		
C*04:10+C*07:60	C*04:55+C*07:09		
C*04:10+C*07:79	C*04:55+C*07:76		
C*04:10+C*07:109	C*04:52+C*07:40		
C*04:10+C*07:122	C*04:53+C*07:40		
C*04:10+C*07:144	C*04:78+C*07:39		
C*04:10+C*08:01:01G	C*04:36+C*08:10		
C*04:10+C*08:02:01	C*04:11+C*05:25	C*04:36+C*05:01:01G	
C*04:10+C*08:02:04	C*04:36+C*05:01:02		
C*04:10+C*08:04	C*04:36+C*05:11		
C*04:10+C*08:07	C*04:36+C*05:23		
C*04:10+C*08:12	C*04:36+C*05:16		
C*04:10+C*08:15	C*04:36+C*05:09		
C*04:10+C*08:25	C*04:29+C*05:29		
C*04:10+C*08:28	C*04:36+C*05:25		
C*04:10+C*08:29	C*04:36+C*05:08		
C*04:10+C*08:37	C*04:36+C*05:43		
C*04:10+C*12:03:01G	C*04:29+C*12:05	C*04:36+C*12:04:02	
C*04:10+C*12:17	C*04:12+C*12:49		
C*04:10+C*12:30	C*04:70+C*12:49		
C*04:10+C*14:02:01G	C*04:36+C*14:12		
C*04:10+C*15:07	C*04:36+C*15:02:01G		
C*04:10+C*16:01:01	C*04:36+C*16:02:01		
C*04:11+C*05:46	C*04:33+C*08:02:01		
C*04:11+C*06:02:01G	C*04:36+C*06:30		
C*04:11+C*06:53	C*04:55+C*06:02:01G		
C*04:11+C*07:01:01G	C*04:36+C*07:16		
C*04:11+C*07:02:01G	C*04:36+C*07:51		
C*04:11+C*07:56:01	C*04:36+C*07:79	C*04:55+C*07:02:01G	
C*04:11+C*07:60	C*04:55+C*07:16		
C*04:11+C*07:79	C*04:55+C*07:51		
C*04:11+C*07:109	C*04:36+C*07:60	C*04:55+C*07:01:01G	
C*04:11+C*08:28	C*04:36+C*08:02:01		
C*04:11+C*12:28	C*04:36+C*12:03:01G		
C*04:11+C*12:41	C*04:33+C*12:49		
C*04:11+C*14:10	C*04:55+C*14:03		
C*04:11+C*14:13	C*04:36+C*14:02:01G		
C*04:11+C*15:03	C*04:33+C*15:07		
C*04:11+C*15:12	C*04:55+C*15:02:01G		
C*04:11+C*16:25	C*04:33+C*16:01:01		
C*04:11+C*16:26	C*04:36+C*16:01:01		
C*04:12+C*12:30	C*04:70+C*12:17		
C*04:13+C*05:01:01G	C*04:61+C*05:11		
C*04:13+C*05:23	C*04:58+C*05:01:01G		
C*04:13+C*05:39	C*04:61+C*05:27		
C*04:13+C*06:06	C*04:61+C*06:04		
C*04:13+C*07:02:01G	C*04:58+C*07:17		
C*04:13+C*07:04:01G	C*04:58+C*07:12		
C*04:13+C*07:37	C*04:61+C*07:02:01G		
C*04:13+C*07:53	C*04:68+C*07:01:01G		
C*04:13+C*08:02:01	C*04:61+C*08:04		
C*04:13+C*08:07	C*04:58+C*08:02:01		
C*04:13+C*12:24	C*04:61+C*12:20		
C*04:13+C*14:05	C*04:15:02+C*14:15		
C*04:13+C*14:25	C*04:32+C*14:15		
C*04:14+C*06:31	C*04:68+C*06:02:01G		
C*04:14+C*14:15	C*04:68+C*14:06		
C*04:14+C*15:31	C*04:68+C*15:02:01G		
C*04:15:01+C*07:01:12	C*04:15:02+C*07:01:07		
C*04:15:01+C*08:19	C*04:29+C*05:01:03		
C*04:15:01+C*16:18	C*04:37+C*16:07		
C*04:15:02+C*05:05	C*04:17+C*05:01:01G		
C*04:15:02+C*14:25	C*04:32+C*14:05		
C*04:15:02+C*15:26	C*04:17+C*15:02:01G		
C*04:23+C*05:04	C*04:54+C*05:22		
C*04:23+C*05:15	C*04:49+C*05:22		
C*04:23+C*05:41	C*04:78+C*05:22		
C*04:23+C*05:44	C*04:64+C*05:22		
C*04:23+C*05:49	C*04:53+C*05:22		
C*04:23+C*06:02:01G	C*04:54+C*06:34		
C*04:23+C*07:02:01G	C*04:54+C*07:13		
C*04:23+C*08:02:01	C*04:29+C*05:22		
C*04:23+C*15:09	C*04:54+C*15:05:01G		
C*04:29+C*05:04	C*04:54+C*08:02:01		
C*04:29+C*05:15	C*04:49+C*08:02:01		
C*04:29+C*05:41	C*04:78+C*08:02:01		
C*04:29+C*05:44	C*04:64+C*08:02:01		
C*04:29+C*05:49	C*04:53+C*08:02:01		
C*04:29+C*06:08	C*04:32+C*06:11		
C*04:29+C*06:25	C*04:81+C*06:11		
C*04:29+C*06:30	C*04:33+C*06:11		
C*04:29+C*06:31	C*04:61+C*06:11		
C*04:29+C*06:53	C*04:52+C*06:11		
C*04:29+C*07:39	C*04:36+C*07:02:01G		
C*04:29+C*07:40	C*04:36+C*07:01:01G		
C*04:29+C*08:01:01G	C*04:36+C*08:21		
C*04:29+C*08:02:01	C*04:36+C*08:05		
C*04:29+C*12:49	C*04:36+C*12:02:01G		
C*04:29+C*15:12	C*04:52+C*15:07		
C*04:29+C*15:17	C*04:36+C*15:16		
C*04:29+C*15:31	C*04:61+C*15:07		

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C*04:29+C*15:42	C*04:32+C*15:07			
C*04:29+C*16:01:01	C*04:36+C*16:15:01			
C*04:29+C*16:12	C*04:69+C*16:01:01			
C*04:32+C*06:25	C*04:81+C*06:08			
C*04:32+C*06:30	C*04:33+C*06:08			
C*04:32+C*06:31	C*04:61+C*06:08			
C*04:32+C*06:53	C*04:52+C*06:08			
C*04:32+C*07:51	C*04:33+C*07:15			
C*04:32+C*07:56:01	C*04:52+C*07:15			
C*04:32+C*07:144	C*04:78+C*07:15			
C*04:32+C*15:12	C*04:52+C*15:42			
C*04:32+C*15:31	C*04:61+C*15:42			
C*04:33+C*06:25	C*04:81+C*06:30			
C*04:33+C*06:31	C*04:61+C*06:30			
C*04:33+C*06:53	C*04:52+C*06:30			
C*04:33+C*07:122	C*04:53+C*07:16			
C*04:33+C*07:144	C*04:78+C*07:51			
C*04:49+C*05:04	C*04:54+C*05:15			
C*04:49+C*05:41	C*04:78+C*05:15			
C*04:49+C*05:44	C*04:64+C*05:15			
C*04:49+C*05:49	C*04:53+C*05:15			
C*04:52+C*06:25	C*04:81+C*06:53			
C*04:52+C*06:31	C*04:61+C*06:53			
C*04:52+C*07:122	C*04:53+C*07:109			
C*04:52+C*07:144	C*04:78+C*07:56:01			
C*04:52+C*08:02:01	C*04:55+C*05:42			
C*04:52+C*15:31	C*04:61+C*15:12			
C*04:53+C*05:04	C*04:54+C*05:49			
C*04:53+C*05:41	C*04:78+C*05:49			
C*04:53+C*05:44	C*04:64+C*05:49			
C*04:54+C*05:41	C*04:78+C*05:04			
C*04:54+C*05:44	C*04:64+C*05:04			
C*04:54+C*08:03:01G	C*04:64+C*08:11			
C*04:61+C*06:25	C*04:81+C*06:31			
C*04:64+C*05:41	C*04:78+C*05:44			
C*05:01:01G+C*05:27	C*05:11+C*05:39			
C*05:01:01G+C*05:42	C*05:25+C*05:46			
C*05:01:01G+C*06:02:01G	C*05:04+C*06:09	C*05:08+C*06:06	C*05:25+C*06:30	
C*05:01:01G+C*06:04	C*05:11+C*06:06			
C*05:01:01G+C*06:11	C*06:02:01G+C*08:02:01	C*06:06+C*08:29	C*06:30+C*08:28	
C*05:01:01G+C*06:13	C*05:34+C*06:02:01G			
C*05:01:01G+C*06:14	C*05:10+C*06:02:01G			
C*05:01:01G+C*06:34	C*05:22+C*06:09			
C*05:01:01G+C*07:01:01G	C*05:04+C*07:28	C*05:25+C*07:16	C*05:29+C*07:148	C*05:36+C*07:27:01
	C*05:43+C*07:26	C*05:46+C*07:40	C*07:07+C*08:28	C*07:09+C*08:02:01
C*05:01:01G+C*07:01:03	C*05:01:07+C*07:01:01G			
C*05:01:01G+C*07:01:07	C*05:01:03+C*07:01:01G	C*05:36+C*07:27:02		
C*05:01:01G+C*07:02:01G	C*05:01:12+C*07:02:09	C*05:11+C*07:37	C*05:18+C*07:130	C*05:23+C*07:17
	C*05:25+C*07:51	C*05:46+C*07:39	C*07:76+C*08:02:01	
C*05:01:01G+C*07:02:05	C*05:01:09+C*07:02:01G			
C*05:01:01G+C*07:02:17	C*07:76+C*08:02:05			
C*05:01:01G+C*07:04:01G	C*05:23+C*07:12	C*05:29+C*07:101		
C*05:01:01G+C*07:04:03	C*05:01:03+C*07:04:01G			
C*05:01:01G+C*07:09	C*05:25+C*07:07			
C*05:01:01G+C*07:10	C*05:10+C*07:02:01G			
C*05:01:01G+C*07:16	C*07:07+C*08:02:01			
C*05:01:01G+C*07:19	C*05:36+C*07:02:01G			
C*05:01:01G+C*07:27:02	C*05:01:03+C*07:27:01			
C*05:01:01G+C*07:29	C*05:47+C*07:13			
C*05:01:01G+C*07:31	C*05:16+C*07:27:01			
C*05:01:01G+C*07:43	C*05:10+C*07:27:01			
C*05:01:01G+C*07:45	C*05:09+C*07:04:01G			
C*05:01:01G+C*07:49	C*05:20+C*07:76			
C*05:01:01G+C*07:56:01	C*05:25+C*07:79			
C*05:01:01G+C*07:73	C*05:43+C*07:92			
C*05:01:01G+C*07:75	C*05:21+C*07:02:01G			
C*05:01:01G+C*07:108	C*07:09+C*08:19			
C*05:01:01G+C*07:109	C*05:25+C*07:60			
C*05:01:01G+C*07:122	C*05:49+C*07:01:01G			
C*05:01:01G+C*07:137:01	C*05:08+C*07:137:02			
C*05:01:01G+C*07:138	C*05:08+C*07:37			
C*05:01:01G+C*07:144	C*05:41+C*07:02:01G			
C*05:01:01G+C*08:01:01G	C*08:02:01+C*08:10			
C*05:01:01G+C*08:01:02	C*05:01:03+C*08:01:01G			
C*05:01:01G+C*08:02:04	C*05:01:02+C*08:02:01			
C*05:01:01G+C*08:03:01G	C*05:44+C*08:01:01G			
C*05:01:01G+C*08:04	C*05:11+C*08:02:01			
C*05:01:01G+C*08:05	C*05:46+C*08:02:01			
C*05:01:01G+C*08:07	C*05:23+C*08:02:01			
C*05:01:01G+C*08:11	C*05:04+C*08:01:01G			
C*05:01:01G+C*08:12	C*05:16+C*08:02:01			
C*05:01:01G+C*08:13	C*05:29+C*08:04			
C*05:01:01G+C*08:15	C*05:09+C*08:02:01			
C*05:01:01G+C*08:16	C*05:29+C*08:01:01G			
C*05:01:01G+C*08:21	C*05:46+C*08:01:01G	C*08:05+C*08:10		
C*05:01:01G+C*08:25	C*05:29+C*08:05			
C*05:01:01G+C*08:27	C*05:18+C*08:29			
C*05:01:01G+C*08:28	C*05:25+C*08:02:01			
C*05:01:01G+C*08:29	C*05:08+C*08:02:01			
C*05:01:01G+C*08:37	C*05:43+C*08:02:01			
C*05:01:01G+C*08:39	C*05:12+C*08:04			
C*05:01:01G+C*08:41	C*05:39+C*08:01:01G			
C*05:01:01G+C*08:44	C*05:10+C*08:01:01G			
C*05:01:01G+C*12:02:01G	C*05:01:03+C*12:02:03	C*05:46+C*12:49	C*08:02:01+C*12:41	
C*05:01:01G+C*12:03:01G	C*05:08+C*12:24	C*08:02:01+C*12:04:02	C*08:05+C*12:05	
C*05:01:01G+C*12:03:04	C*05:01:12+C*12:03:01G	C*08:02:02+C*12:04:01		
C*05:01:01G+C*12:03:08	C*08:25+C*12:33			
C*05:01:01G+C*12:04:02	C*05:46+C*12:05			
C*05:01:01G+C*12:08	C*05:36+C*12:02:01G			
C*05:01:01G+C*12:20	C*05:11+C*12:24			
C*05:01:01G+C*12:28	C*05:25+C*12:03:01G	C*08:28+C*12:04:02		
C*05:01:01G+C*14:02:01G	C*05:01:12+C*14:02:03	C*08:02:01+C*14:12		
C*05:01:01G+C*14:06	C*05:11+C*14:02:01G	C*08:04+C*14:12		
C*05:01:01G+C*14:13	C*05:25+C*14:02:01G	C*08:28+C*14:12		
C*05:01:01G+C*14:16	C*05:08+C*14:02:01G	C*08:29+C*14:12		

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C*05:01:01G+C*14:20	C*05:39+C*14:02:01G		
C*05:01:01G+C*14:24	C*05:19+C*14:02:01G		
C*05:01:01G+C*15:02:01G	C*05:11+C*15:08	C*05:36+C*15:17	
C*05:01:01G+C*15:03	C*05:36+C*15:16	C*05:46+C*15:02:01G	
C*05:01:01G+C*15:05:01G	C*05:10+C*15:22		
C*05:01:01G+C*15:06:01	C*05:22+C*15:24	C*05:47+C*15:05:01G	
C*05:01:01G+C*15:07	C*05:20+C*15:21	C*08:02:01+C*15:02:01G	C*08:04+C*15:08
C*05:01:01G+C*15:09	C*05:36+C*15:20		
C*05:01:01G+C*15:11	C*05:26+C*15:17		
C*05:01:01G+C*15:15	C*05:27+C*15:08	C*05:39+C*15:02:01G	
C*05:01:01G+C*15:16	C*05:46+C*15:17		
C*05:01:01G+C*15:26	C*05:05+C*15:02:01G		
C*05:01:01G+C*15:35	C*05:21+C*15:02:01G		
C*05:01:01G+C*16:01:01	C*05:18+C*16:27	C*08:02:01+C*16:02:01	C*08:02:04+C*16:02:05
C*05:01:01G+C*16:01:02	C*05:01:12+C*16:01:01		
C*05:01:01G+C*16:02:01	C*05:01:02+C*16:02:05		
C*05:01:01G+C*16:15:01	C*05:46+C*16:01:01	C*08:02:01+C*16:25	C*08:05+C*16:02:01
C*05:01:01G+C*16:15:02	C*08:02:02+C*16:25		
C*05:01:01G+C*16:21	C*05:43+C*16:01:01	C*08:37+C*16:02:01	
C*05:01:01G+C*16:25	C*05:46+C*16:02:01		
C*05:01:01G+C*16:26	C*05:25+C*16:01:01	C*08:28+C*16:02:01	
C*05:01:01G+C*17:01:01:01G	C*05:01:12+C*17:01:04	C*05:29+C*17:05	
C*05:01:02+C*06:11	C*06:02:01G+C*08:02:04		
C*05:01:02+C*07:01:01G	C*07:09+C*08:02:04		
C*05:01:02+C*07:02:01G	C*07:76+C*08:02:04		
C*05:01:02+C*07:16	C*07:07+C*08:02:04		
C*05:01:02+C*08:01:01G	C*08:02:04+C*08:10		
C*05:01:02+C*08:04	C*05:11+C*08:02:04		
C*05:01:02+C*08:05	C*05:46+C*08:02:04		
C*05:01:02+C*08:07	C*05:23+C*08:02:04		
C*05:01:02+C*08:12	C*05:16+C*08:02:04		
C*05:01:02+C*08:15	C*05:09+C*08:02:04		
C*05:01:02+C*08:28	C*05:25+C*08:02:04		
C*05:01:02+C*08:29	C*05:08+C*08:02:04		
C*05:01:02+C*08:37	C*05:43+C*08:02:04		
C*05:01:02+C*12:02:01G	C*08:02:04+C*12:41		
C*05:01:02+C*12:03:01G	C*08:02:04+C*12:04:02		
C*05:01:02+C*14:02:01G	C*08:02:04+C*14:12		
C*05:01:02+C*15:07	C*08:02:04+C*15:02:01G		
C*05:01:02+C*16:01:01	C*08:02:04+C*16:02:01		
C*05:01:02+C*16:15:01	C*08:02:04+C*16:25		
C*05:01:03+C*07:01:03	C*05:01:07+C*07:01:07		
C*05:01:03+C*07:31	C*05:16+C*07:27:02		
C*05:01:03+C*07:43	C*05:10+C*07:27:02		
C*05:01:03+C*07:45	C*05:09+C*07:04:03		
C*05:01:03+C*07:122	C*05:49+C*07:01:07		
C*05:01:03+C*08:03:01G	C*05:44+C*08:01:02		
C*05:01:03+C*08:11	C*05:04+C*08:01:02		
C*05:01:03+C*08:16	C*05:29+C*08:01:02		
C*05:01:03+C*08:21	C*05:46+C*08:01:02		
C*05:01:03+C*08:41	C*05:39+C*08:01:02		
C*05:01:03+C*08:44	C*05:10+C*08:01:02		
C*05:01:03+C*12:03:01G	C*05:16+C*12:02:06		
C*05:01:03+C*12:10:01	C*08:19+C*12:41		
C*05:01:03+C*14:05	C*05:16+C*14:09		
C*05:01:03+C*16:01:01	C*05:16+C*16:07		
C*05:01:07+C*07:122	C*05:49+C*07:01:03		
C*05:01:09+C*07:10	C*05:10+C*07:02:05		
C*05:01:09+C*07:19	C*05:36+C*07:02:05		
C*05:01:09+C*07:75	C*05:21+C*07:02:05		
C*05:01:09+C*07:144	C*05:41+C*07:02:05		
C*05:01:12+C*12:03:08	C*08:02:01+C*12:04:01		
C*05:01:12+C*12:28	C*05:25+C*12:03:04		
C*05:01:12+C*16:15:01	C*05:46+C*16:01:02		
C*05:01:12+C*16:21	C*05:43+C*16:01:02		
C*05:01:12+C*16:26	C*05:25+C*16:01:02		
C*05:04+C*06:34	C*05:22+C*06:02:01G		
C*05:04+C*07:13	C*05:22+C*07:02:01G		
C*05:04+C*08:03:01G	C*05:44+C*08:11		
C*05:04+C*08:16	C*05:29+C*08:11		
C*05:04+C*08:21	C*05:46+C*08:11		
C*05:04+C*08:41	C*05:39+C*08:11		
C*05:04+C*08:44	C*05:10+C*08:11		
C*05:04+C*15:05:01G	C*05:22+C*15:09		
C*05:04+C*15:24	C*05:47+C*15:09		
C*05:05+C*15:03	C*05:46+C*15:26		
C*05:05+C*15:07	C*08:02:01+C*15:26		
C*05:05+C*15:15	C*05:39+C*15:26		
C*05:05+C*15:35	C*05:21+C*15:26		
C*05:08+C*06:04	C*05:11+C*06:02:01G		
C*05:08+C*06:11	C*06:02:01G+C*08:29		
C*05:08+C*07:01:01G	C*05:11+C*07:22	C*07:09+C*08:29	
C*05:08+C*07:02:01G	C*05:11+C*07:138	C*07:76+C*08:29	
C*05:08+C*07:15	C*07:76+C*08:31		
C*05:08+C*07:16	C*07:07+C*08:29		
C*05:08+C*08:01:01G	C*08:10+C*08:29		
C*05:08+C*08:04	C*05:11+C*08:29		
C*05:08+C*08:05	C*05:46+C*08:29		
C*05:08+C*08:07	C*05:23+C*08:29		
C*05:08+C*08:12	C*05:16+C*08:29		
C*05:08+C*08:15	C*05:09+C*08:29		
C*05:08+C*08:28	C*05:25+C*08:29		
C*05:08+C*08:35	C*05:44+C*08:27		
C*05:08+C*08:37	C*05:43+C*08:29		
C*05:08+C*12:02:01G	C*08:29+C*12:41		
C*05:08+C*12:03:01G	C*08:29+C*12:04:02		
C*05:08+C*12:09	C*05:29+C*12:33		
C*05:08+C*12:18	C*05:11+C*12:02:01G	C*08:04+C*12:41	
C*05:08+C*12:20	C*05:11+C*12:03:01G	C*08:04+C*12:04:02	
C*05:08+C*14:06	C*05:11+C*14:16		
C*05:08+C*14:13	C*05:25+C*14:16		
C*05:08+C*14:20	C*05:39+C*14:16		
C*05:08+C*14:24	C*05:19+C*14:16		
C*05:08+C*14:25	C*08:31+C*14:12		
C*05:08+C*15:07	C*08:29+C*15:02:01G		

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C*05:08+C*16:01:01	C*08:29+C*16:02:01	
C*05:08+C*16:15:01	C*08:29+C*16:25	
C*05:09+C*06:11	C*06:02:01G+C*08:15	
C*05:09+C*07:01:01G	C*07:09+C*08:15	
C*05:09+C*07:02:01G	C*07:76+C*08:15	
C*05:09+C*07:16	C*07:07+C*08:15	
C*05:09+C*08:01:01G	C*08:10+C*08:15	
C*05:09+C*08:04	C*05:11+C*08:15	
C*05:09+C*08:05	C*05:46+C*08:15	
C*05:09+C*08:07	C*05:23+C*08:15	
C*05:09+C*08:12	C*05:16+C*08:15	
C*05:09+C*08:28	C*05:25+C*08:15	
C*05:09+C*08:37	C*05:43+C*08:15	
C*05:09+C*12:02:01G	C*08:15+C*12:41	
C*05:09+C*12:03:01G	C*08:15+C*12:04:02	
C*05:09+C*14:02:01G	C*08:15+C*14:12	
C*05:09+C*15:07	C*08:15+C*15:02:01G	
C*05:09+C*16:01:01	C*08:15+C*16:02:01	
C*05:09+C*16:15:01	C*08:15+C*16:25	
C*05:10+C*06:11	C*06:14+C*08:02:01	
C*05:10+C*06:13	C*05:34+C*06:14	
C*05:10+C*07:01:01G	C*05:36+C*07:43	
C*05:10+C*07:19	C*05:36+C*07:10	
C*05:10+C*07:31	C*05:16+C*07:43	
C*05:10+C*07:75	C*05:21+C*07:10	
C*05:10+C*07:144	C*05:41+C*07:10	
C*05:10+C*08:03:01G	C*05:44+C*08:44	
C*05:10+C*08:16	C*05:29+C*08:44	
C*05:10+C*08:21	C*05:46+C*08:44	
C*05:10+C*08:41	C*05:39+C*08:44	
C*05:11+C*06:11	C*06:02:01G+C*08:04	C*06:04+C*08:29
C*05:11+C*07:01:01G	C*07:09+C*08:04	
C*05:11+C*07:02:01G	C*07:76+C*08:04	
C*05:11+C*07:16	C*07:07+C*08:04	
C*05:11+C*08:01:01G	C*08:04+C*08:10	
C*05:11+C*08:05	C*05:46+C*08:04	
C*05:11+C*08:07	C*05:23+C*08:04	
C*05:11+C*08:12	C*05:16+C*08:04	
C*05:11+C*08:16	C*08:10+C*08:13	
C*05:11+C*08:25	C*05:46+C*08:13	
C*05:11+C*08:28	C*05:25+C*08:04	
C*05:11+C*08:37	C*05:43+C*08:04	
C*05:11+C*08:41	C*05:27+C*08:01:01G	
C*05:11+C*14:13	C*05:25+C*14:06	
C*05:11+C*14:20	C*05:27+C*14:02:01G	C*05:39+C*14:06
C*05:11+C*14:24	C*05:19+C*14:06	
C*05:11+C*15:07	C*08:04+C*15:02:01G	
C*05:11+C*15:15	C*05:27+C*15:02:01G	
C*05:11+C*16:01:01	C*08:04+C*16:02:01	
C*05:11+C*16:15:01	C*08:04+C*16:25	
C*05:12+C*08:13	C*05:29+C*08:39	
C*05:12+C*14:06	C*08:39+C*14:12	
C*05:12+C*15:07	C*08:39+C*15:08	
C*05:16+C*06:11	C*06:02:01G+C*08:12	
C*05:16+C*07:01:01G	C*05:36+C*07:31	C*07:09+C*08:12
C*05:16+C*07:02:01G	C*07:76+C*08:12	
C*05:16+C*07:16	C*07:07+C*08:12	
C*05:16+C*08:01:01G	C*08:10+C*08:12	
C*05:16+C*08:05	C*05:46+C*08:12	
C*05:16+C*08:07	C*05:23+C*08:12	
C*05:16+C*08:28	C*05:25+C*08:12	
C*05:16+C*08:37	C*05:43+C*08:12	
C*05:16+C*12:02:01G	C*08:12+C*12:41	
C*05:16+C*12:03:01G	C*08:12+C*12:04:02	
C*05:16+C*14:02:01G	C*08:12+C*14:12	
C*05:16+C*15:07	C*08:12+C*15:02:01G	
C*05:16+C*16:01:01	C*08:12+C*16:02:01	
C*05:16+C*16:15:01	C*08:12+C*16:25	
C*05:18+C*06:11	C*06:06+C*08:27	
C*05:18+C*08:03:01G	C*08:10+C*08:35	
C*05:18+C*14:16	C*08:27+C*14:12	
C*05:19+C*14:13	C*05:25+C*14:24	
C*05:19+C*14:20	C*05:39+C*14:24	
C*05:20+C*07:02:01G	C*07:49+C*08:02:01	
C*05:20+C*07:02:17	C*07:49+C*08:02:05	
C*05:21+C*07:19	C*05:36+C*07:75	
C*05:21+C*07:144	C*05:41+C*07:75	
C*05:21+C*15:03	C*05:46+C*15:35	
C*05:21+C*15:07	C*08:02:01+C*15:35	
C*05:21+C*15:15	C*05:39+C*15:35	
C*05:23+C*06:11	C*06:02:01G+C*08:07	
C*05:23+C*07:01:01G	C*07:09+C*08:07	
C*05:23+C*07:02:01G	C*07:76+C*08:07	
C*05:23+C*07:16	C*07:07+C*08:07	
C*05:23+C*08:01:01G	C*08:07+C*08:10	
C*05:23+C*08:05	C*05:46+C*08:07	
C*05:23+C*08:28	C*05:25+C*08:07	
C*05:23+C*08:37	C*05:43+C*08:07	
C*05:23+C*12:02:01G	C*08:07+C*12:41	
C*05:23+C*12:03:01G	C*08:07+C*12:04:02	
C*05:23+C*14:02:01G	C*08:07+C*14:12	
C*05:23+C*15:07	C*08:07+C*15:02:01G	
C*05:23+C*16:01:01	C*08:07+C*16:02:01	
C*05:23+C*16:15:01	C*08:07+C*16:25	
C*05:25+C*06:11	C*06:02:01G+C*08:28	
C*05:25+C*07:01:01G	C*05:42+C*07:40	C*07:09+C*08:28
C*05:25+C*07:02:01G	C*05:42+C*07:39	C*07:76+C*08:28
C*05:25+C*08:01:01G	C*08:10+C*08:28	
C*05:25+C*08:05	C*05:42+C*08:02:01	C*05:46+C*08:28
C*05:25+C*08:21	C*05:42+C*08:01:01G	
C*05:25+C*08:37	C*05:43+C*08:28	
C*05:25+C*12:02:01G	C*05:42+C*12:49	C*08:28+C*12:41
C*05:25+C*12:04:02	C*05:42+C*12:05	
C*05:25+C*14:20	C*05:39+C*14:13	
C*05:25+C*15:03	C*05:42+C*15:02:01G	

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C*05:25+C*15:07	C*08:28+C*15:02:01G			
C*05:25+C*15:16	C*05:42+C*15:17			
C*05:25+C*16:15:01	C*05:42+C*16:01:01	C*05:46+C*16:26	C*08:28+C*16:25	
C*05:25+C*16:21	C*05:43+C*16:26			
C*05:25+C*16:25	C*05:42+C*16:02:01			
C*05:26+C*15:02:01G	C*05:36+C*15:11			
C*05:26+C*15:16	C*05:46+C*15:11			
C*05:27+C*06:06	C*05:39+C*06:04			
C*05:27+C*07:37	C*05:39+C*07:02:01G			
C*05:27+C*08:02:01	C*05:39+C*08:04			
C*05:27+C*12:24	C*05:39+C*12:20			
C*05:27+C*15:07	C*08:04+C*15:15			
C*05:29+C*08:03:01G	C*05:44+C*08:16			
C*05:29+C*08:21	C*05:46+C*08:16	C*08:10+C*08:25		
C*05:29+C*08:41	C*05:39+C*08:16			
C*05:29+C*12:03:01G	C*08:25+C*12:05			
C*05:29+C*14:06	C*08:13+C*14:12			
C*05:29+C*15:07	C*08:13+C*15:08			
C*05:29+C*16:15:01	C*08:25+C*16:02:01			
C*05:34+C*06:11	C*06:13+C*08:02:01			
C*05:36+C*06:02:01G	C*05:46+C*06:44			
C*05:36+C*06:11	C*06:44+C*08:05			
C*05:36+C*07:144	C*05:41+C*07:19			
C*05:39+C*08:03:01G	C*05:44+C*08:41			
C*05:39+C*08:21	C*05:46+C*08:41			
C*05:39+C*15:03	C*05:46+C*15:15			
C*05:39+C*15:07	C*08:02:01+C*15:15			
C*05:42+C*06:30	C*05:46+C*06:02:01G			
C*05:42+C*07:07	C*05:46+C*07:09			
C*05:42+C*07:16	C*05:46+C*07:01:01G	C*07:09+C*08:05		
C*05:42+C*07:51	C*05:46+C*07:02:01G	C*07:76+C*08:05		
C*05:42+C*07:60	C*05:46+C*07:109			
C*05:42+C*07:79	C*05:46+C*07:56:01			
C*05:42+C*12:03:01G	C*05:46+C*12:28			
C*05:42+C*14:02:01G	C*05:46+C*14:13			
C*05:42+C*15:07	C*08:28+C*15:03			
C*05:43+C*06:11	C*06:02:01G+C*08:37			
C*05:43+C*07:01:01G	C*07:09+C*08:37			
C*05:43+C*07:02:01G	C*07:76+C*08:37			
C*05:43+C*07:16	C*07:07+C*08:37			
C*05:43+C*08:01:01G	C*08:10+C*08:37			
C*05:43+C*08:05	C*05:46+C*08:37			
C*05:43+C*12:02:01G	C*08:37+C*12:41			
C*05:43+C*12:03:01G	C*08:37+C*12:04:02			
C*05:43+C*14:02:01G	C*08:37+C*14:12			
C*05:43+C*15:07	C*08:37+C*15:02:01G			
C*05:43+C*16:15:01	C*05:46+C*16:21	C*08:37+C*16:25		
C*05:44+C*08:21	C*05:46+C*08:03:01G			
C*05:46+C*06:11	C*06:02:01G+C*08:05			
C*05:46+C*07:16	C*07:07+C*08:05			
C*05:46+C*12:02:01G	C*08:05+C*12:41			
C*05:46+C*12:03:01G	C*08:05+C*12:04:02			
C*05:46+C*14:02:01G	C*08:05+C*14:12			
C*05:46+C*15:07	C*08:02:01+C*15:03	C*08:05+C*15:02:01G		
C*05:46+C*16:15:01	C*08:05+C*16:25			
C*06:02:01G+C*07:01:01G	C*06:04+C*07:22	C*06:11+C*07:09	C*06:17+C*07:01:13	
C*06:02:01G+C*07:01:16	C*06:42+C*07:01:01G			
C*06:02:01G+C*07:02:01G	C*06:04+C*07:138	C*06:11+C*07:76	C*06:47+C*07:27:01	
C*06:02:01G+C*07:02:11	C*06:02:10+C*07:02:01G			
C*06:02:01G+C*07:07	C*06:30+C*07:09			
C*06:02:01G+C*07:10	C*06:14+C*07:02:01G	C*06:47+C*07:43		
C*06:02:01G+C*07:13	C*06:34+C*07:02:01G			
C*06:02:01G+C*07:15	C*06:08+C*07:02:01G			
C*06:02:01G+C*07:16	C*06:11+C*07:07	C*06:30+C*07:01:01G		
C*06:02:01G+C*07:19	C*06:47+C*07:01:01G			
C*06:02:01G+C*07:28	C*06:09+C*07:01:01G			
C*06:02:01G+C*07:37	C*06:06+C*07:138			
C*06:02:01G+C*07:40	C*06:44+C*07:27:01			
C*06:02:01G+C*07:43	C*06:14+C*07:27:01			
C*06:02:01G+C*07:51	C*06:30+C*07:02:01G			
C*06:02:01G+C*07:56:01	C*06:53+C*07:02:01G			
C*06:02:01G+C*07:60	C*06:30+C*07:109	C*06:53+C*07:16		
C*06:02:01G+C*07:70	C*06:36+C*07:01:01G			
C*06:02:01G+C*07:73	C*06:28+C*07:01:01G			
C*06:02:01G+C*07:79	C*06:30+C*07:56:01	C*06:53+C*07:51		
C*06:02:01G+C*07:92	C*06:28+C*07:26			
C*06:02:01G+C*07:94	C*06:50+C*07:01:01G			
C*06:02:01G+C*07:96	C*06:03+C*07:20			
C*06:02:01G+C*07:107	C*06:22+C*07:02:01G			
C*06:02:01G+C*07:109	C*06:53+C*07:01:01G			
C*06:02:01G+C*07:134	C*06:29+C*07:01:01G			
C*06:02:01G+C*07:137:02	C*06:06+C*07:137:01	C*06:40+C*07:02:01G		
C*06:02:01G+C*08:01:01G	C*06:09+C*08:11	C*06:11+C*08:10		
C*06:02:01G+C*08:03:01G	C*06:28+C*08:14			
C*06:02:01G+C*08:31	C*06:08+C*08:29			
C*06:02:01G+C*08:38	C*06:47+C*08:03:01G			
C*06:02:01G+C*08:44	C*06:14+C*08:01:01G			
C*06:02:01G+C*12:02:01G	C*06:11+C*12:41			
C*06:02:01G+C*12:03:01G	C*06:11+C*12:04:02	C*06:30+C*12:28		
C*06:02:01G+C*12:03:03	C*06:02:11+C*12:03:01G			
C*06:02:01G+C*12:03:04	C*06:17+C*12:03:09			
C*06:02:01G+C*12:11	C*06:47+C*12:03:01G			
C*06:02:01G+C*12:18	C*06:04+C*12:02:01G			
C*06:02:01G+C*12:20	C*06:04+C*12:03:01G			
C*06:02:01G+C*12:24	C*06:06+C*12:03:01G			
C*06:02:01G+C*12:27	C*06:52+C*12:02:01G			
C*06:02:01G+C*12:32	C*06:41+C*12:03:01G			
C*06:02:01G+C*12:40	C*06:32+C*12:02:01G			
C*06:02:01G+C*12:50	C*06:20+C*12:03:01G			
C*06:02:01G+C*14:02:01G	C*06:02:08+C*14:02:02	C*06:06+C*14:16	C*06:11+C*14:12	C*06:28+C*14:18
	C*06:30+C*14:13			
C*06:02:01G+C*14:06	C*06:04+C*14:16			
C*06:02:01G+C*14:10	C*06:53+C*14:03			
C*06:02:01G+C*14:15	C*06:31+C*14:06			
C*06:02:01G+C*14:25	C*06:08+C*14:02:01G			

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C*06:02:01G+C*15:02:01G	C*06:44+C*15:16		
C*06:02:01G+C*15:05:01G	C*06:03+C*15:23	C*06:14+C*15:22	C*06:34+C*15:09
C*06:02:01G+C*15:05:05	C*06:02:11+C*15:05:01G		
C*06:02:01G+C*15:07	C*06:11+C*15:02:01G		
C*06:02:01G+C*15:12	C*06:53+C*15:02:01G		
C*06:02:01G+C*15:31	C*06:31+C*15:02:01G		
C*06:02:01G+C*15:42	C*06:08+C*15:02:01G		
C*06:02:01G+C*16:01:01	C*06:11+C*16:02:01	C*06:30+C*16:26	
C*06:02:01G+C*16:01:04	C*06:02:05+C*16:01:01		
C*06:02:01G+C*16:02:02	C*06:02:10+C*16:02:01		
C*06:02:01G+C*16:11	C*06:18+C*16:01:01		
C*06:02:01G+C*16:14	C*06:32+C*16:01:01		
C*06:02:01G+C*16:15:01	C*06:11+C*16:25		
C*06:02:01G+C*16:18	C*06:23+C*16:01:01		
C*06:02:01G+C*16:29	C*06:08+C*16:04:01		
C*06:02:01G+C*16:31	C*06:22+C*16:01:01		
C*06:02:01G+C*17:08	C*06:43+C*17:01:01:01G		
C*06:02:01G+C*18:04	C*06:28+C*18:01:01G		
C*06:02:05+C*16:11	C*06:18+C*16:01:04		
C*06:02:05+C*16:14	C*06:32+C*16:01:04		
C*06:02:05+C*16:18	C*06:23+C*16:01:04		
C*06:02:05+C*16:31	C*06:22+C*16:01:04		
C*06:02:10+C*07:10	C*06:14+C*07:02:11		
C*06:02:10+C*07:13	C*06:34+C*07:02:11		
C*06:02:10+C*07:15	C*06:08+C*07:02:11		
C*06:02:10+C*07:51	C*06:30+C*07:02:11		
C*06:02:10+C*07:56:01	C*06:53+C*07:02:11		
C*06:02:10+C*07:107	C*06:22+C*07:02:11		
C*06:02:10+C*07:137:02	C*06:40+C*07:02:11		
C*06:02:10+C*16:01:01	C*06:11+C*16:02:02		
C*06:02:11+C*12:11	C*06:47+C*12:03:03		
C*06:02:11+C*12:20	C*06:04+C*12:03:03		
C*06:02:11+C*12:24	C*06:06+C*12:03:03		
C*06:02:11+C*12:32	C*06:41+C*12:03:03		
C*06:02:11+C*12:50	C*06:20+C*12:03:03		
C*06:04+C*07:37	C*06:06+C*07:02:01G		
C*06:04+C*08:02:01	C*06:06+C*08:04		
C*06:04+C*08:31	C*06:08+C*08:04		
C*06:04+C*12:11	C*06:47+C*12:20		
C*06:04+C*12:24	C*06:06+C*12:20		
C*06:04+C*12:27	C*06:52+C*12:18		
C*06:04+C*12:32	C*06:41+C*12:20		
C*06:04+C*12:40	C*06:32+C*12:18		
C*06:04+C*12:50	C*06:20+C*12:20		
C*06:04+C*14:02:01G	C*06:06+C*14:06		
C*06:04+C*15:08	C*06:06+C*15:02:01G		
C*06:05+C*12:04:01	C*06:06+C*12:33		
C*06:06+C*08:31	C*06:08+C*08:02:01		
C*06:06+C*12:11	C*06:47+C*12:24		
C*06:06+C*12:32	C*06:41+C*12:24		
C*06:06+C*12:50	C*06:20+C*12:24		
C*06:06+C*18:03	C*06:08+C*18:01:01G		
C*06:08+C*07:10	C*06:14+C*07:15		
C*06:08+C*07:13	C*06:34+C*07:15		
C*06:08+C*07:51	C*06:30+C*07:15		
C*06:08+C*07:56:01	C*06:53+C*07:15		
C*06:08+C*07:107	C*06:22+C*07:15		
C*06:08+C*07:137:02	C*06:40+C*07:15		
C*06:08+C*15:07	C*06:11+C*15:42		
C*06:08+C*15:12	C*06:53+C*15:42		
C*06:08+C*15:31	C*06:31+C*15:42		
C*06:09+C*07:01:16	C*06:42+C*07:28		
C*06:09+C*07:16	C*06:30+C*07:28		
C*06:09+C*07:19	C*06:47+C*07:28		
C*06:09+C*07:70	C*06:36+C*07:28		
C*06:09+C*07:73	C*06:28+C*07:28		
C*06:09+C*07:94	C*06:50+C*07:28		
C*06:09+C*07:109	C*06:53+C*07:28		
C*06:09+C*07:134	C*06:29+C*07:28		
C*06:09+C*15:06:01	C*06:34+C*15:24		
C*06:11+C*15:12	C*06:53+C*15:07		
C*06:11+C*15:31	C*06:31+C*15:07		
C*06:14+C*07:13	C*06:34+C*07:10		
C*06:14+C*07:40	C*06:44+C*07:43		
C*06:14+C*07:51	C*06:30+C*07:10		
C*06:14+C*07:56:01	C*06:53+C*07:10		
C*06:14+C*07:107	C*06:22+C*07:10		
C*06:14+C*07:137:02	C*06:40+C*07:10		
C*06:17+C*08:02:01	C*07:41+C*12:33		
C*06:18+C*16:14	C*06:32+C*16:11		
C*06:18+C*16:18	C*06:23+C*16:11		
C*06:18+C*16:31	C*06:22+C*16:11		
C*06:20+C*12:11	C*06:47+C*12:50		
C*06:20+C*12:32	C*06:41+C*12:50		
C*06:22+C*07:13	C*06:34+C*07:107		
C*06:22+C*07:51	C*06:30+C*07:107		
C*06:22+C*07:56:01	C*06:53+C*07:107		
C*06:22+C*07:137:02	C*06:40+C*07:107		
C*06:22+C*16:14	C*06:32+C*16:31		
C*06:22+C*16:18	C*06:23+C*16:31		
C*06:23+C*16:14	C*06:32+C*16:18		
C*06:28+C*07:01:16	C*06:42+C*07:73		
C*06:28+C*07:16	C*06:30+C*07:73		
C*06:28+C*07:19	C*06:47+C*07:73		
C*06:28+C*07:70	C*06:36+C*07:73		
C*06:28+C*07:94	C*06:50+C*07:73		
C*06:28+C*07:109	C*06:53+C*07:73		
C*06:28+C*07:134	C*06:29+C*07:73		
C*06:29+C*07:01:16	C*06:42+C*07:134		
C*06:29+C*07:16	C*06:30+C*07:134		
C*06:29+C*07:19	C*06:47+C*07:134		
C*06:29+C*07:70	C*06:36+C*07:134		
C*06:29+C*07:94	C*06:50+C*07:134		
C*06:29+C*07:109	C*06:53+C*07:134		
C*06:30+C*07:01:16	C*06:42+C*07:16		

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C*06:30+C*07:13	C*06:34+C*07:51			
C*06:30+C*07:19	C*06:47+C*07:16			
C*06:30+C*07:70	C*06:36+C*07:16			
C*06:30+C*07:92	C*07:01:13+C*12:04:01			
C*06:30+C*07:94	C*06:50+C*07:16			
C*06:30+C*07:137:02	C*06:40+C*07:51			
C*06:31+C*15:12	C*06:53+C*15:31			
C*06:32+C*12:27	C*06:52+C*12:40			
C*06:34+C*07:56:01	C*06:53+C*07:13			
C*06:34+C*07:137:02	C*06:40+C*07:13			
C*06:36+C*07:01:16	C*06:42+C*07:70			
C*06:36+C*07:19	C*06:47+C*07:70			
C*06:36+C*07:94	C*06:50+C*07:70			
C*06:36+C*07:109	C*06:53+C*07:70			
C*06:40+C*07:56:01	C*06:53+C*07:137:02			
C*06:41+C*12:11	C*06:47+C*12:32			
C*06:42+C*07:19	C*06:47+C*07:01:16			
C*06:42+C*07:94	C*06:50+C*07:01:16			
C*06:42+C*07:109	C*06:53+C*07:01:16			
C*06:44+C*07:02:01G	C*06:47+C*07:40			
C*06:47+C*07:94	C*06:50+C*07:19			
C*06:47+C*07:109	C*06:53+C*07:19			
C*06:50+C*07:109	C*06:53+C*07:94			
C*07:01:01G+C*07:02:01G	C*07:19+C*07:27:01			
C*07:01:01G+C*07:02:04	C*07:01:05+C*07:02:01G			
C*07:01:01G+C*07:02:12	C*07:01:12+C*07:02:01G			
C*07:01:01G+C*07:04:03	C*07:01:07+C*07:04:01G			
C*07:01:01G+C*07:07	C*07:09+C*07:16			
C*07:01:01G+C*07:10	C*07:19+C*07:43			
C*07:01:01G+C*07:27:02	C*07:01:07+C*07:27:01			
C*07:01:01G+C*07:39	C*07:02:01G+C*07:40			
C*07:01:01G+C*07:51	C*07:02:01G+C*07:16			
C*07:01:01G+C*07:56:01	C*07:02:01G+C*07:109			
C*07:01:01G+C*07:60	C*07:16+C*07:109			
C*07:01:01G+C*07:76	C*07:02:01G+C*07:09			
C*07:01:01G+C*07:79	C*07:02:01G+C*07:60	C*07:16+C*07:56:01	C*07:51+C*07:109	
C*07:01:01G+C*07:92	C*07:26+C*07:73			
C*07:01:01G+C*07:101	C*07:04:01G+C*07:148			
C*07:01:01G+C*07:138	C*07:02:01G+C*07:22			
C*07:01:01G+C*07:155	C*07:02:01G+C*07:124			
C*07:01:01G+C*08:01:01G	C*07:28+C*08:11	C*07:40+C*08:21	C*07:148+C*08:16	
C*07:01:01G+C*08:01:02	C*07:01:07+C*08:01:01G			
C*07:01:01G+C*08:02:01	C*07:16+C*08:28	C*07:26+C*08:37	C*07:40+C*08:05	
C*07:01:01G+C*08:03:01G	C*07:73+C*08:14			
C*07:01:01G+C*08:04	C*07:148+C*08:13			
C*07:01:01G+C*08:05	C*07:148+C*08:25			
C*07:01:01G+C*08:10	C*07:09+C*08:01:01G			
C*07:01:01G+C*08:19	C*07:108+C*08:02:01			
C*07:01:01G+C*08:29	C*07:22+C*08:04			
C*07:01:01G+C*08:38	C*07:19+C*08:03:01G			
C*07:01:01G+C*12:02:01G	C*07:01:07+C*12:02:03	C*07:22+C*12:18	C*07:27:01+C*12:08	C*07:92+C*12:16
C*07:01:01G+C*12:03:01G	C*07:01:05+C*12:03:10	C*07:16+C*12:28	C*07:22+C*12:20	
C*07:01:01G+C*12:03:02	C*07:01:08+C*12:03:08			
C*07:01:01G+C*12:03:09	C*07:01:13+C*12:03:04			
C*07:01:01G+C*12:04:02	C*07:07+C*12:28	C*07:09+C*12:03:01G		
C*07:01:01G+C*12:05	C*07:40+C*12:04:02			
C*07:01:01G+C*12:06	C*07:82+C*12:03:01G			
C*07:01:01G+C*12:10:01	C*07:01:12+C*12:10:02	C*07:108+C*12:02:03		
C*07:01:01G+C*12:11	C*07:19+C*12:03:01G			
C*07:01:01G+C*12:12	C*07:124+C*12:03:01G			
C*07:01:01G+C*12:41	C*07:09+C*12:02:01G			
C*07:01:01G+C*12:45	C*07:24+C*12:03:01G			
C*07:01:01G+C*12:46N	C*07:104N+C*12:03:01G			
C*07:01:01G+C*12:49	C*07:40+C*12:02:01G			
C*07:01:01G+C*14:02:01G	C*07:16+C*14:13	C*07:73+C*14:18		
C*07:01:01G+C*14:10	C*07:109+C*14:03			
C*07:01:01G+C*14:12	C*07:07+C*14:13	C*07:09+C*14:02:01G		
C*07:01:01G+C*14:16	C*07:22+C*14:06			
C*07:01:01G+C*15:02:01G	C*07:09+C*15:07	C*07:40+C*15:03		
C*07:01:01G+C*15:12	C*07:109+C*15:02:01G			
C*07:01:01G+C*15:16	C*07:27:01+C*15:03			
C*07:01:01G+C*15:17	C*07:27:01+C*15:02:01G	C*07:40+C*15:16		
C*07:01:01G+C*15:20	C*07:27:01+C*15:09			
C*07:01:01G+C*15:45	C*07:124+C*15:02:01G			
C*07:01:01G+C*16:01:01	C*07:16+C*16:26	C*07:26+C*16:21	C*07:40+C*16:15:01	
C*07:01:01G+C*16:02:01	C*07:07+C*16:26	C*07:09+C*16:01:01	C*07:40+C*16:25	
C*07:01:01G+C*16:09	C*07:129+C*16:02:01			
C*07:01:01G+C*16:13	C*07:24+C*16:01:01			
C*07:01:01G+C*16:25	C*07:09+C*16:15:01			
C*07:01:01G+C*17:01:02	C*07:01:12+C*17:01:01:01G			
C*07:01:01G+C*17:05	C*07:148+C*17:01:01:01G			
C*07:01:01G+C*18:04	C*07:73+C*18:01:01G			
C*07:01:05+C*07:02:12	C*07:01:12+C*07:02:04			
C*07:01:05+C*07:14	C*07:27:02+C*07:57			
C*07:01:05+C*07:39	C*07:02:04+C*07:40			
C*07:01:05+C*07:51	C*07:02:04+C*07:16			
C*07:01:05+C*07:56:01	C*07:02:04+C*07:109			
C*07:01:05+C*07:76	C*07:02:04+C*07:09			
C*07:01:05+C*07:79	C*07:02:04+C*07:60			
C*07:01:05+C*07:138	C*07:02:04+C*07:22			
C*07:01:05+C*07:155	C*07:02:04+C*07:124			
C*07:01:07+C*07:02:01G	C*07:19+C*07:27:02			
C*07:01:07+C*07:101	C*07:04:03+C*07:148			
C*07:01:07+C*08:10	C*07:09+C*08:01:02			
C*07:01:07+C*12:02:01G	C*07:27:02+C*12:08			
C*07:01:07+C*12:10:01	C*07:108+C*12:02:01G			
C*07:01:07+C*12:10:02	C*07:08+C*12:08			
C*07:01:07+C*15:16	C*07:27:02+C*15:03			
C*07:01:07+C*15:17	C*07:27:02+C*15:02:01G			
C*07:01:07+C*15:20	C*07:27:02+C*15:09			
C*07:01:07+C*16:06	C*07:19+C*16:07			
C*07:01:12+C*07:08	C*07:27:01+C*07:108			
C*07:01:12+C*07:39	C*07:02:12+C*07:40			
C*07:01:12+C*07:51	C*07:02:12+C*07:16			
C*07:01:12+C*07:56:01	C*07:02:12+C*07:109			

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C*07:01:12+C*07:76	C*07:02:12+C*07:09			
C*07:01:12+C*07:79	C*07:02:12+C*07:60			
C*07:01:12+C*07:138	C*07:02:12+C*07:22			
C*07:01:12+C*07:155	C*07:02:12+C*07:124			
C*07:01:12+C*14:02:01G	C*07:108+C*14:05			
C*07:01:12+C*16:23	C*07:108+C*16:01:01			
C*07:01:12+C*17:05	C*07:148+C*17:01:02			
C*07:02:01G+C*07:04:02	C*07:02:18+C*07:04:01G			
C*07:02:01G+C*07:07	C*07:09+C*07:51	C*07:16+C*07:76		
C*07:02:01G+C*07:12	C*07:04:01G+C*07:17			
C*07:02:01G+C*07:43	C*07:10+C*07:27:01			
C*07:02:01G+C*07:79	C*07:51+C*07:56:01			
C*07:02:01G+C*07:96	C*07:92+C*07:127			
C*07:02:01G+C*08:01:01G	C*07:39+C*08:21			
C*07:02:01G+C*08:02:01	C*07:17+C*08:07	C*07:37+C*08:04	C*07:39+C*08:05	C*07:51+C*08:28
C*07:02:01G+C*08:02:05	C*07:02:17+C*08:02:01			
C*07:02:01G+C*08:03:01G	C*07:27:01+C*08:38			
C*07:02:01G+C*08:10	C*07:76+C*08:01:01G			
C*07:02:01G+C*08:29	C*07:130+C*08:27	C*07:138+C*08:04		
C*07:02:01G+C*08:31	C*07:15+C*08:29			
C*07:02:01G+C*08:44	C*07:10+C*08:01:01G			
C*07:02:01G+C*12:02:01G	C*07:138+C*12:18			
C*07:02:01G+C*12:03:01G	C*07:02:04+C*12:03:10	C*07:02:09+C*12:03:04	C*07:27:01+C*12:11	C*07:51+C*12:28
	C*07:138+C*12:20			
C*07:02:01G+C*12:03:05	C*07:02:13+C*12:03:01G			
C*07:02:01G+C*12:04:02	C*07:76+C*12:03:01G			
C*07:02:01G+C*12:05	C*07:39+C*12:04:02			
C*07:02:01G+C*12:08	C*07:19+C*12:02:01G			
C*07:02:01G+C*12:10:01	C*07:02:12+C*12:10:02			
C*07:02:01G+C*12:12	C*07:155+C*12:03:01G			
C*07:02:01G+C*12:24	C*07:37+C*12:20			
C*07:02:01G+C*12:41	C*07:76+C*12:02:01G			
C*07:02:01G+C*12:49	C*07:39+C*12:02:01G			
C*07:02:01G+C*14:02:01G	C*07:37+C*14:06	C*07:51+C*14:13		
C*07:02:01G+C*14:02:03	C*07:02:09+C*14:02:01G			
C*07:02:01G+C*14:10	C*07:56:01+C*14:03			
C*07:02:01G+C*14:12	C*07:76+C*14:02:01G			
C*07:02:01G+C*14:14	C*07:147+C*14:02:01G			
C*07:02:01G+C*14:16	C*07:138+C*14:06			
C*07:02:01G+C*14:25	C*07:15+C*14:02:01G			
C*07:02:01G+C*15:02:01G	C*07:19+C*15:17	C*07:39+C*15:03	C*07:49+C*15:21	C*07:76+C*15:07
C*07:02:01G+C*15:03	C*07:19+C*15:16			
C*07:02:01G+C*15:05:01G	C*07:10+C*15:22	C*07:13+C*15:09		
C*07:02:01G+C*15:06:01	C*07:29+C*15:09	C*07:123+C*15:40		
C*07:02:01G+C*15:08	C*07:37+C*15:02:01G			
C*07:02:01G+C*15:09	C*07:19+C*15:20	C*07:123+C*15:04		
C*07:02:01G+C*15:10:02	C*07:02:10+C*15:10:01			
C*07:02:01G+C*15:12	C*07:56:01+C*15:02:01G			
C*07:02:01G+C*15:17	C*07:39+C*15:16			
C*07:02:01G+C*15:19	C*07:88+C*15:09			
C*07:02:01G+C*15:35	C*07:75+C*15:02:01G			
C*07:02:01G+C*15:40	C*07:29+C*15:04			
C*07:02:01G+C*15:42	C*07:15+C*15:02:01G			
C*07:02:01G+C*15:45	C*07:155+C*15:02:01G			
C*07:02:01G+C*16:01:01	C*07:02:09+C*16:01:02	C*07:31+C*16:06	C*07:39+C*16:15:01	C*07:51+C*16:26
C*07:02:01G+C*16:02:01	C*07:39+C*16:25	C*07:76+C*16:01:01		
C*07:02:01G+C*16:02:02	C*07:02:11+C*16:02:01			
C*07:02:01G+C*16:07	C*07:27:02+C*16:06			
C*07:02:01G+C*16:19	C*07:114+C*16:02:01			
C*07:02:01G+C*16:20	C*07:123+C*16:01:01			
C*07:02:01G+C*16:22	C*07:136+C*16:01:01			
C*07:02:01G+C*16:24	C*07:25+C*16:01:01			
C*07:02:01G+C*16:25	C*07:76+C*16:15:01			
C*07:02:01G+C*16:27	C*07:130+C*16:01:01			
C*07:02:01G+C*16:29	C*07:15+C*16:04:01			
C*07:02:01G+C*16:31	C*07:107+C*16:01:01			
C*07:02:01G+C*17:01:02	C*07:02:12+C*17:01:01:01G			
C*07:02:01G+C*17:01:04	C*07:02:09+C*17:01:01:01G			
C*07:02:09+C*12:04:01	C*07:76+C*12:03:08			
C*07:02:09+C*14:12	C*07:76+C*14:02:03			
C*07:02:09+C*14:14	C*07:147+C*14:02:03			
C*07:02:09+C*14:25	C*07:15+C*14:02:03			
C*07:02:09+C*17:01:02	C*07:02:12+C*17:01:04			
C*07:02:10+C*07:20	C*07:73+C*07:127			
C*07:02:11+C*15:02:01G	C*07:127+C*15:10:01			
C*07:02:11+C*16:19	C*07:114+C*16:02:02			
C*07:02:13+C*12:04:02	C*07:76+C*12:03:05			
C*07:02:13+C*12:12	C*07:155+C*12:03:05			
C*07:02:18+C*07:12	C*07:04:02+C*07:17			
C*07:04:01G+C*07:27:02	C*07:04:03+C*07:27:01			
C*07:04:01G+C*08:01:01G	C*07:101+C*08:16			
C*07:04:01G+C*08:01:02	C*07:04:03+C*08:01:01G			
C*07:04:01G+C*08:02:01	C*07:12+C*08:07			
C*07:04:01G+C*08:04	C*07:101+C*08:13			
C*07:04:01G+C*08:05	C*07:101+C*08:25			
C*07:04:01G+C*08:15	C*07:45+C*08:02:01			
C*07:04:01G+C*12:02:01G	C*07:04:03+C*12:02:03			
C*07:04:01G+C*17:05	C*07:101+C*17:01:01:01G			
C*07:07+C*07:56:01	C*07:09+C*07:79	C*07:60+C*07:76		
C*07:07+C*07:109	C*07:09+C*07:60			
C*07:07+C*08:01:01G	C*07:16+C*08:10			
C*07:07+C*12:02:01G	C*07:16+C*12:41			
C*07:07+C*12:03:01G	C*07:16+C*12:04:02			
C*07:07+C*14:02:01G	C*07:16+C*14:12			
C*07:07+C*15:07	C*07:16+C*15:02:01G			
C*07:07+C*16:01:01	C*07:16+C*16:02:01			
C*07:07+C*16:15:01	C*07:16+C*16:25			
C*07:08+C*12:02:01G	C*07:27:02+C*12:10:02			
C*07:08+C*12:02:03	C*07:27:01+C*12:10:02			
C*07:08+C*14:05	C*07:27:01+C*14:02:01G			
C*07:08+C*16:01:01	C*07:27:01+C*16:23			
C*07:09+C*07:39	C*07:40+C*07:76			
C*07:09+C*07:56:01	C*07:76+C*07:109			
C*07:09+C*07:138	C*07:22+C*07:76			
C*07:09+C*07:155	C*07:76+C*07:124			

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C*07:09+C*12:06	C*07:82+C*12:04:02
C*07:09+C*12:11	C*07:19+C*12:04:02
C*07:09+C*12:12	C*07:124+C*12:04:02
C*07:09+C*12:45	C*07:24+C*12:04:02
C*07:09+C*12:46N	C*07:104N+C*12:04:02
C*07:09+C*12:49	C*07:40+C*12:41
C*07:09+C*16:13	C*07:24+C*16:02:01
C*07:10+C*08:03:01G	C*07:43+C*08:38
C*07:10+C*08:10	C*07:76+C*08:44
C*07:10+C*12:03:01G	C*07:43+C*12:11
C*07:13+C*15:06:01	C*07:29+C*15:05:01G
C*07:13+C*15:19	C*07:88+C*15:05:01G
C*07:15+C*14:12	C*07:76+C*14:25
C*07:15+C*14:14	C*07:147+C*14:25
C*07:15+C*15:08	C*07:37+C*15:42
C*07:15+C*15:12	C*07:56:01+C*15:42
C*07:15+C*15:35	C*07:75+C*15:42
C*07:15+C*15:45	C*07:155+C*15:42
C*07:16+C*07:39	C*07:40+C*07:51
C*07:16+C*07:79	C*07:51+C*07:60
C*07:16+C*07:138	C*07:22+C*07:51
C*07:16+C*07:155	C*07:51+C*07:124
C*07:16+C*14:10	C*07:60+C*14:03
C*07:16+C*15:12	C*07:60+C*15:02:01G
C*07:19+C*12:06	C*07:82+C*12:11
C*07:19+C*12:12	C*07:124+C*12:11
C*07:19+C*12:41	C*07:76+C*12:08
C*07:19+C*12:45	C*07:24+C*12:11
C*07:19+C*12:46N	C*07:104N+C*12:11
C*07:19+C*12:49	C*07:39+C*12:08
C*07:20+C*15:05:01G	C*07:96+C*15:23
C*07:22+C*07:39	C*07:40+C*07:138
C*07:22+C*07:56:01	C*07:109+C*07:138
C*07:22+C*07:79	C*07:60+C*07:138
C*07:22+C*07:155	C*07:124+C*07:138
C*07:22+C*16:01:01	C*07:53+C*16:04:01
C*07:24+C*12:06	C*07:82+C*12:45
C*07:24+C*12:12	C*07:124+C*12:45
C*07:24+C*12:46N	C*07:104N+C*12:45
C*07:25+C*16:02:01	C*07:76+C*16:24
C*07:25+C*16:20	C*07:123+C*16:24
C*07:25+C*16:22	C*07:136+C*16:24
C*07:25+C*16:27	C*07:130+C*16:24
C*07:25+C*16:31	C*07:107+C*16:24
C*07:26+C*08:03:01G	C*07:92+C*08:14
C*07:26+C*14:02:01G	C*07:92+C*14:18
C*07:26+C*18:04	C*07:92+C*18:01:01G
C*07:27:01+C*08:01:02	C*07:27:02+C*08:01:01G
C*07:27:01+C*08:12	C*07:31+C*08:02:01
C*07:27:01+C*08:44	C*07:43+C*08:01:01G
C*07:27:01+C*12:02:01G	C*07:27:02+C*12:02:03
C*07:27:01+C*15:05:01G	C*07:43+C*15:22
C*07:27:01+C*15:12	C*07:109+C*15:17
C*07:27:01+C*15:45	C*07:124+C*15:17
C*07:27:02+C*08:44	C*07:43+C*08:01:02
C*07:27:02+C*12:03:01G	C*07:31+C*12:02:06
C*07:27:02+C*14:05	C*07:31+C*14:09
C*07:27:02+C*16:01:01	C*07:31+C*16:07
C*07:29+C*15:19	C*07:88+C*15:06:01
C*07:37+C*07:137:01	C*07:137:02+C*07:138
C*07:37+C*08:13	C*07:39+C*08:25
C*07:37+C*08:29	C*07:138+C*08:02:01
C*07:37+C*12:03:01G	C*07:138+C*12:24
C*07:37+C*14:16	C*07:138+C*14:02:01G
C*07:37+C*15:12	C*07:56:01+C*15:08
C*07:37+C*15:35	C*07:75+C*15:08
C*07:37+C*15:45	C*07:155+C*15:08
C*07:39+C*07:60	C*07:40+C*07:79
C*07:39+C*07:109	C*07:40+C*07:56:01
C*07:39+C*07:124	C*07:40+C*07:155
C*07:39+C*12:41	C*07:76+C*12:49
C*07:39+C*14:04	C*07:49+C*14:02:01G
C*07:51+C*14:10	C*07:79+C*14:03
C*07:51+C*15:12	C*07:79+C*15:02:01G
C*07:56:01+C*07:60	C*07:79+C*07:109
C*07:56:01+C*07:124	C*07:109+C*07:155
C*07:56:01+C*08:02:01	C*07:79+C*08:28
C*07:56:01+C*12:03:01G	C*07:79+C*12:28
C*07:56:01+C*14:02:01G	C*07:79+C*14:13
C*07:56:01+C*15:35	C*07:75+C*15:12
C*07:56:01+C*15:45	C*07:155+C*15:12
C*07:56:01+C*16:01:01	C*07:79+C*16:26
C*07:60+C*07:155	C*07:79+C*07:124
C*07:60+C*08:28	C*07:109+C*08:02:01
C*07:60+C*12:28	C*07:109+C*12:03:01G
C*07:60+C*14:13	C*07:109+C*14:02:01G
C*07:60+C*16:26	C*07:109+C*16:01:01
C*07:73+C*08:02:01	C*07:92+C*08:37
C*07:73+C*16:01:01	C*07:92+C*16:21
C*07:75+C*15:45	C*07:155+C*15:35
C*07:76+C*12:12	C*07:155+C*12:04:02
C*07:76+C*14:14	C*07:147+C*14:12
C*07:76+C*16:20	C*07:123+C*16:02:01
C*07:76+C*16:22	C*07:136+C*16:02:01
C*07:76+C*16:27	C*07:130+C*16:02:01
C*07:76+C*16:31	C*07:107+C*16:02:01
C*07:82+C*12:12	C*07:124+C*12:06
C*07:82+C*12:46N	C*07:104N+C*12:06
C*07:104N+C*12:12	C*07:124+C*12:46N
C*07:107+C*16:20	C*07:123+C*16:31
C*07:107+C*16:22	C*07:136+C*16:31
C*07:107+C*16:27	C*07:130+C*16:31
C*07:109+C*15:45	C*07:124+C*15:12
C*07:123+C*16:22	C*07:136+C*16:20
C*07:123+C*16:27	C*07:130+C*16:20

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C*07:130+C*16:22	C*07:136+C*16:27		
C*07:137:01+C*08:02:01	C*07:137:02+C*08:29		
C*07:137:01+C*12:24	C*07:137:02+C*12:03:01G		
C*07:137:01+C*14:02:01G	C*07:137:02+C*14:16		
C*08:01:01G+C*08:05	C*08:02:01+C*08:21		
C*08:01:01G+C*08:13	C*08:04+C*08:16		
C*08:01:01G+C*08:25	C*08:05+C*08:16		
C*08:01:01G+C*12:02:01G	C*08:01:02+C*12:02:03	C*08:21+C*12:49	
C*08:01:01G+C*12:04:02	C*08:10+C*12:03:01G	C*08:21+C*12:05	
C*08:01:01G+C*12:41	C*08:10+C*12:02:01G		
C*08:01:01G+C*14:12	C*08:10+C*14:02:01G		
C*08:01:01G+C*14:20	C*08:41+C*14:02:01G		
C*08:01:01G+C*15:02:01G	C*08:10+C*15:07		
C*08:01:01G+C*15:03	C*08:21+C*15:02:01G		
C*08:01:01G+C*15:05:01G	C*08:44+C*15:22		
C*08:01:01G+C*15:15	C*08:41+C*15:02:01G		
C*08:01:01G+C*15:16	C*08:21+C*15:17		
C*08:01:01G+C*16:02:01	C*08:10+C*16:01:01		
C*08:01:01G+C*16:15:01	C*08:21+C*16:01:01		
C*08:01:01G+C*16:25	C*08:10+C*16:15:01	C*08:21+C*16:02:01	
C*08:01:01G+C*17:01:01:01G	C*08:16+C*17:05		
C*08:02:01+C*12:02:01G	C*08:05+C*12:49		
C*08:02:01+C*12:03:01G	C*08:02:02+C*12:03:08	C*08:29+C*12:24	
C*08:02:01+C*12:10:01	C*08:19+C*12:02:03		
C*08:02:01+C*12:20	C*08:04+C*12:24		
C*08:02:01+C*12:28	C*08:28+C*12:03:01G		
C*08:02:01+C*14:06	C*08:04+C*14:02:01G		
C*08:02:01+C*14:13	C*08:28+C*14:02:01G		
C*08:02:01+C*14:16	C*08:29+C*14:02:01G		
C*08:02:01+C*15:16	C*08:05+C*15:17		
C*08:02:01+C*16:15:01	C*08:05+C*16:01:01		
C*08:02:01+C*16:15:02	C*08:02:02+C*16:15:01		
C*08:02:01+C*16:21	C*08:37+C*16:01:01		
C*08:02:01+C*16:26	C*08:28+C*16:01:01		
C*08:02:01+C*18:03	C*08:31+C*18:01:01G		
C*08:02:02+C*12:33	C*08:12+C*12:21		
C*08:03:01G+C*12:11	C*08:38+C*12:03:01G		
C*08:03:01G+C*14:18	C*08:14+C*14:02:01G		
C*08:03:01G+C*18:01:01G	C*08:14+C*18:04		
C*08:04+C*08:25	C*08:05+C*08:13		
C*08:04+C*12:02:01G	C*08:29+C*12:18		
C*08:04+C*12:03:01G	C*08:29+C*12:20		
C*08:04+C*14:13	C*08:28+C*14:06		
C*08:04+C*14:16	C*08:29+C*14:06		
C*08:04+C*17:01:01:01G	C*08:13+C*17:05		
C*08:05+C*16:21	C*08:37+C*16:15:01		
C*08:05+C*16:26	C*08:28+C*16:15:01		
C*08:05+C*17:01:01:01G	C*08:25+C*17:05		
C*08:10+C*14:20	C*08:41+C*14:12		
C*08:21+C*15:15	C*08:41+C*15:03		
C*08:27+C*16:27	C*08:29+C*16:01:01		
C*08:28+C*14:16	C*08:29+C*14:13		
C*08:28+C*16:21	C*08:37+C*16:26		
C*08:29+C*14:25	C*08:31+C*14:02:01G		
C*08:29+C*15:42	C*08:31+C*15:02:01G		
C*08:29+C*16:29	C*08:31+C*16:04:01		
C*12:02:01G+C*12:04:02	C*12:03:01G+C*12:41		
C*12:02:01G+C*12:05	C*12:04:02+C*12:49		
C*12:02:01G+C*12:20	C*12:03:01G+C*12:18		
C*12:02:01G+C*14:06	C*12:18+C*14:16		
C*12:02:01G+C*14:12	C*12:41+C*14:02:01G		
C*12:02:01G+C*15:02:01G	C*12:08+C*15:17	C*12:41+C*15:07	C*12:49+C*15:03
C*12:02:01G+C*15:03	C*12:08+C*15:16		
C*12:02:01G+C*15:09	C*12:08+C*15:20		
C*12:02:01G+C*15:17	C*12:49+C*15:16		
C*12:02:01G+C*16:01:01	C*12:49+C*16:15:01		
C*12:02:01G+C*16:02:01	C*12:41+C*16:01:01	C*12:49+C*16:25	
C*12:02:01G+C*16:14	C*12:40+C*16:01:01		
C*12:02:01G+C*16:25	C*12:41+C*16:15:01		
C*12:02:03+C*14:02:01G	C*12:10:02+C*14:05		
C*12:02:03+C*16:23	C*12:10:02+C*16:01:01		
C*12:02:06+C*14:05	C*12:03:01G+C*14:09		
C*12:02:06+C*16:01:01	C*12:03:01G+C*16:07		
C*12:02:06+C*16:01:02	C*12:03:04+C*16:07		
C*12:02:06+C*16:02:01	C*12:04:02+C*16:07		
C*12:02:06+C*16:13	C*12:45+C*16:07		
C*12:02:06+C*16:26	C*12:28+C*16:07		
C*12:03:01G+C*14:02:01G	C*12:03:04+C*14:02:03	C*12:24+C*14:16	
C*12:03:01G+C*14:06	C*12:20+C*14:16		
C*12:03:01G+C*14:12	C*12:04:02+C*14:02:01G		
C*12:03:01G+C*14:13	C*12:28+C*14:02:01G		
C*12:03:01G+C*15:02:01G	C*12:04:02+C*15:07	C*12:15+C*15:04	
C*12:03:01G+C*15:05:05	C*12:03:03+C*15:05:01G		
C*12:03:01G+C*15:45	C*12:12+C*15:02:01G		
C*12:03:01G+C*16:01:02	C*12:03:04+C*16:01:01		
C*12:03:01G+C*16:02:01	C*12:04:02+C*16:01:01	C*12:05+C*16:15:01	
C*12:03:01G+C*16:13	C*12:45+C*16:01:01		
C*12:03:01G+C*16:15:01	C*12:03:08+C*16:15:02		
C*12:03:01G+C*16:25	C*12:04:02+C*16:15:01		
C*12:03:01G+C*16:26	C*12:28+C*16:01:01		
C*12:03:01G+C*17:01:01:01G	C*12:03:04+C*17:01:04		
C*12:03:04+C*16:02:01	C*12:04:02+C*16:01:02		
C*12:03:04+C*16:13	C*12:45+C*16:01:02		
C*12:03:04+C*16:25	C*12:04:01+C*16:15:02		
C*12:03:04+C*16:26	C*12:28+C*16:01:02		
C*12:03:08+C*14:12	C*12:04:01+C*14:02:03		
C*12:03:08+C*15:31	C*15:03+C*16:04:01		
C*12:04:02+C*12:18	C*12:20+C*12:41		
C*12:04:02+C*14:13	C*12:28+C*14:12		
C*12:04:02+C*15:02:01G	C*12:05+C*15:03		
C*12:04:02+C*15:17	C*12:05+C*15:16		
C*12:04:02+C*16:02:01	C*12:05+C*16:25		
C*12:04:02+C*16:13	C*12:45+C*16:02:01		
C*12:04:02+C*16:26	C*12:28+C*16:02:01		
C*12:09+C*16:15:02	C*12:24+C*16:02:01		

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C*12:10:01+C*17:01:01:01G	C*12:10:02+C*17:01:02	
C*12:20+C*14:02:01G	C*12:24+C*14:06	
C*12:20+C*15:08	C*12:24+C*15:02:01G	
C*12:28+C*16:13	C*12:45+C*16:26	
C*12:40+C*16:02:01	C*12:41+C*16:14	
C*14:02:01G+C*15:02:01G	C*14:06+C*15:08	C*14:12+C*15:07
C*14:02:01G+C*15:02:05	C*14:02:05+C*15:02:01G	
C*14:02:01G+C*15:03	C*14:04+C*15:21	
C*14:02:01G+C*15:06:03	C*14:02:05+C*15:06:01	
C*14:02:01G+C*15:15	C*14:20+C*15:02:01G	
C*14:02:01G+C*15:31	C*14:15+C*15:08	
C*14:02:01G+C*15:42	C*14:25+C*15:02:01G	
C*14:02:01G+C*16:01:01	C*14:02:03+C*16:01:02	C*14:05+C*16:23
C*14:02:01G+C*16:02:01	C*14:12+C*16:01:01	
C*14:02:01G+C*16:02:03	C*14:02:05+C*16:02:01	
C*14:02:01G+C*16:07	C*14:09+C*16:23	
C*14:02:01G+C*16:25	C*14:12+C*16:15:01	
C*14:02:01G+C*16:26	C*14:13+C*16:01:01	
C*14:02:01G+C*16:29	C*14:25+C*16:04:01	
C*14:02:01G+C*17:01:04	C*14:02:03+C*17:01:01:01G	
C*14:02:01G+C*18:01:01G	C*14:18+C*18:04	
C*14:02:03+C*15:02:01G	C*14:03+C*15:10:02	
C*14:02:03+C*15:12	C*14:10+C*15:10:02	
C*14:02:05+C*15:15	C*14:20+C*15:02:05	
C*14:02:05+C*15:42	C*14:25+C*15:02:05	
C*14:03+C*15:12	C*14:10+C*15:02:01G	
C*14:05+C*16:07	C*14:09+C*16:01:01	
C*14:06+C*15:31	C*14:15+C*15:02:01G	
C*14:12+C*16:26	C*14:13+C*16:02:01	
C*14:20+C*15:42	C*14:25+C*15:15	
C*15:02:01G+C*15:06:03	C*15:02:05+C*15:06:01	
C*15:02:01G+C*15:16	C*15:03+C*15:17	
C*15:02:01G+C*15:20	C*15:09+C*15:17	
C*15:02:01G+C*16:01:01	C*15:07+C*16:02:01	
C*15:02:01G+C*16:02:03	C*15:02:05+C*16:02:01	
C*15:02:01G+C*16:15:01	C*15:03+C*16:01:01	C*15:07+C*16:25
C*15:02:01G+C*16:25	C*15:03+C*16:02:01	
C*15:02:01G+C*16:28	C*15:18+C*16:01:01	
C*15:02:01G+C*16:29	C*15:42+C*16:04:01	
C*15:02:05+C*16:01:01	C*15:07+C*16:02:03	
C*15:02:05+C*16:25	C*15:03+C*16:02:03	
C*15:03+C*15:20	C*15:09+C*15:16	
C*15:03+C*16:28	C*15:18+C*16:15:01	
C*15:04+C*15:06:01	C*15:09+C*15:40	
C*15:04+C*16:20	C*15:09+C*16:01:01	
C*15:06:01+C*16:01:01	C*15:40+C*16:20	
C*15:06:01+C*16:02:03	C*15:06:03+C*16:02:01	
C*15:16+C*16:01:01	C*15:17+C*16:15:01	
C*15:16+C*16:02:01	C*15:17+C*16:25	
C*16:01:01+C*16:25	C*16:02:01+C*16:15:01	
C*16:01:01+C*17:01:01:01G	C*16:01:02+C*17:01:04	
C*16:01:01+C*17:01:03	C*16:01:03+C*17:01:01:01G	

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HLA-DPA1 Ambiguities, Release 3.2.0

Sequences identical over exons 2

Code in table
None

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DPA1*01:03:02	DPA1*01:03:01
DPA1*01:04	DPA1*01:03:01
DPA1*01:05	DPA1*01:03:01
DPA1*01:07	DPA1*01:03:01
DPA1*02:01:04	DPA1*02:01:01
DPA1*02:02:01	DPA1*02:01:01
DPA1*02:02:03	DPA1*02:01:01
DPA1*02:03	DPA1*02:01:01
DPA1*03:01	DPA1*01:03:01
DPA1*03:02	DPA1*01:03:01
DPA1*04:01	DPA1*01:03:01

Alleles removed from analysis due to insertions or deletions

Allele
None

Ambiguous typing combinations over exon 2

Combination 1	*Combination 2*	*Combination 3*
DPA1*01:03:01+DPA1*02:01:01	DPA1*01:03:03+DPA1*02:01:02	DPA1*01:06:01+DPA1*02:03
DPA1*01:03:01+DPA1*02:01:05	DPA1*01:03:02+DPA1*02:01:03	
DPA1*01:03:01+DPA1*02:01:07	DPA1*01:03:04+DPA1*02:01:01	
DPA1*01:03:01+DPA1*02:02:02	DPA1*01:03:02+DPA1*02:02:03	DPA1*02:01:05+DPA1*03:02
DPA1*01:03:01+DPA1*02:02:03	DPA1*02:01:03+DPA1*03:02	
DPA1*01:03:01+DPA1*03:03	DPA1*01:04+DPA1*03:01	
DPA1*01:03:03+DPA1*02:01:03	DPA1*01:06:02+DPA1*02:03	
DPA1*01:06:01+DPA1*02:01:03	DPA1*01:06:02+DPA1*02:01:02	
DPA1*02:01:03+DPA1*02:02:02	DPA1*02:01:05+DPA1*02:02:03	

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HLA-DPB1 Ambiguities, Release 3.2.0

Sequences identical over exons 2

Code in table	*Allele 1*	*Allele 2*	*Allele 3*
DPB1*03:01:01G	DPB1*03:01:01	DPB1*104:01	DPB1*124:01
DPB1*04:01:01G	DPB1*04:01:01	DPB1*126:01	
DPB1*04:02:01G	DPB1*04:02	DPB1*105:01	
DPB1*05:01:01G	DPB1*05:01:01	DPB1*05:01:02	
DPB1*13:01:01G	DPB1*13:01	DPB1*107:01	
DPB1*19:01:01G	DPB1*19:01	DPB1*106:01	

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DPB1*02:01:04	DPB1*02:01:02
DPB1*08:01	DPB1*01:01:01
DPB1*102:01	DPB1*01:01:01
DPB1*11:01:02	DPB1*11:01:01
DPB1*20:01:02	DPB1*20:01:01
DPB1*26:01:01	DPB1*26:01:02
DPB1*34:01	DPB1*01:01:01
DPB1*35:01:01	DPB1*01:01:01
DPB1*37:01	DPB1*01:01:01
DPB1*38:01	DPB1*01:01:01
DPB1*40:01	DPB1*01:01:01
DPB1*41:01:01	DPB1*41:01:02
DPB1*48:01	DPB1*01:01:01
DPB1*49:01	DPB1*01:01:01
DPB1*52:01	DPB1*01:01:01
DPB1*53:01	DPB1*01:01:01
DPB1*54:01	DPB1*01:01:01
DPB1*56:01	DPB1*01:01:01
DPB1*57:01	DPB1*01:01:01
DPB1*58:01	DPB1*01:01:01
DPB1*60:01	DPB1*01:01:01
DPB1*61:01N	DPB1*01:01:01
DPB1*62:01	DPB1*01:01:01
DPB1*63:01	DPB1*01:01:01
DPB1*64:01N	DPB1*01:01:01
DPB1*68:01	DPB1*01:01:01
DPB1*69:01	DPB1*01:01:01
DPB1*70:01	DPB1*01:01:01
DPB1*71:01	DPB1*01:01:01
DPB1*72:01	DPB1*01:01:01
DPB1*73:01	DPB1*01:01:01
DPB1*74:01	DPB1*01:01:01
DPB1*75:01	DPB1*01:01:01
DPB1*76:01	DPB1*01:01:01
DPB1*84:01	DPB1*01:01:01
DPB1*86:01	DPB1*01:01:01

Alleles removed from analysis due to insertions or deletions

Allele
None

Ambiguous typing combinations over exon 2

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*
DPB1*01:01:01+DPB1*02:01:02	DPB1*71:01+DPB1*122:01		
DPB1*01:01:01+DPB1*03:01:01G	DPB1*26:01:02+DPB1*50:01		
DPB1*01:01:01+DPB1*04:01:01G	DPB1*39:01+DPB1*90:01		
DPB1*01:01:01+DPB1*04:02:01G	DPB1*23:01+DPB1*122:01	DPB1*75:01+DPB1*89:01	
DPB1*01:01:01+DPB1*06:01	DPB1*29:01+DPB1*89:01		
DPB1*01:01:01+DPB1*16:01	DPB1*08:01+DPB1*89:01	DPB1*103:01+DPB1*122:01	
DPB1*01:01:01+DPB1*17:01	DPB1*09:01+DPB1*89:01		
DPB1*01:01:01+DPB1*20:01:01	DPB1*03:01:01G+DPB1*89:01	DPB1*27:01+DPB1*50:01	
DPB1*01:01:01+DPB1*25:01	DPB1*52:01+DPB1*122:01		
DPB1*01:01:01+DPB1*27:01	DPB1*26:01:02+DPB1*89:01		
DPB1*01:01:01+DPB1*30:01	DPB1*54:01+DPB1*89:01		
DPB1*01:01:01+DPB1*45:01	DPB1*67:01+DPB1*122:01		
DPB1*01:01:01+DPB1*49:01	DPB1*39:01+DPB1*122:01		
DPB1*01:01:01+DPB1*51:01	DPB1*04:01:01G+DPB1*122:01	DPB1*49:01+DPB1*90:01	
DPB1*01:01:01+DPB1*53:01	DPB1*40:01+DPB1*122:01		
DPB1*01:01:01+DPB1*57:01	DPB1*50:01+DPB1*65:01		
DPB1*01:01:01+DPB1*59:01	DPB1*73:01+DPB1*89:01		
DPB1*01:01:01+DPB1*74:01	DPB1*15:01+DPB1*26:01:02		
DPB1*01:01:01+DPB1*81:01	DPB1*33:01+DPB1*122:01		
DPB1*01:01:01+DPB1*87:01	DPB1*52:01+DPB1*89:01		
DPB1*01:01:01+DPB1*91:01	DPB1*14:01+DPB1*89:01		

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DPB1*01:01:01+DPB1*93:01	DPB1*37:01+DPB1*89:01		
DPB1*01:01:01+DPB1*98:01	DPB1*35:01:01+DPB1*89:01		
DPB1*01:01:01+DPB1*108:01	DPB1*39:01+DPB1*50:01		
DPB1*01:01:01+DPB1*110:01	DPB1*13:01:01G+DPB1*90:01		
DPB1*01:01:01+DPB1*111:01	DPB1*03:01:01G+DPB1*118:01		
DPB1*01:01:01+DPB1*116:01	DPB1*112:01+DPB1*122:01		
DPB1*02:01:02+DPB1*02:02	DPB1*47:01+DPB1*48:01		
DPB1*02:01:02+DPB1*03:01:01G	DPB1*04:02:01G+DPB1*29:01	DPB1*06:01+DPB1*75:01	DPB1*25:01+DPB1*46:01
	DPB1*37:01+DPB1*108:01	DPB1*57:01+DPB1*109:01	DPB1*59:01+DPB1*88:01
DPB1*02:01:02+DPB1*04:01:01G	DPB1*04:02:01G+DPB1*33:01	DPB1*23:01+DPB1*81:01	DPB1*51:01+DPB1*71:01
DPB1*02:01:02+DPB1*05:01:01G	DPB1*04:02:01G+DPB1*22:01	DPB1*16:01+DPB1*100:01	
DPB1*02:01:02+DPB1*09:01	DPB1*08:01+DPB1*86:01	DPB1*10:01+DPB1*46:01	
DPB1*02:01:02+DPB1*10:01	DPB1*08:01+DPB1*113:01		
DPB1*02:01:02+DPB1*14:01	DPB1*09:01+DPB1*59:01	DPB1*10:01+DPB1*108:01	DPB1*17:01+DPB1*73:01
	DPB1*45:01+DPB1*46:01	DPB1*57:01+DPB1*113:01	
DPB1*02:01:02+DPB1*17:01	DPB1*16:01+DPB1*86:01		
DPB1*02:01:02+DPB1*20:01:01	DPB1*04:02:01G+DPB1*06:01	DPB1*93:01+DPB1*108:01	
DPB1*02:01:02+DPB1*21:01	DPB1*02:02+DPB1*93:01	DPB1*22:01+DPB1*109:01	
DPB1*02:01:02+DPB1*22:01	DPB1*02:02+DPB1*16:01		
DPB1*02:01:02+DPB1*23:01	DPB1*04:02:01G+DPB1*71:01		
DPB1*02:01:02+DPB1*24:01	DPB1*47:01+DPB1*51:01		
DPB1*02:01:02+DPB1*25:01	DPB1*37:01+DPB1*59:01	DPB1*73:01+DPB1*93:01	
DPB1*02:01:02+DPB1*26:01:02	DPB1*37:01+DPB1*39:01	DPB1*65:01+DPB1*109:01	DPB1*68:01+DPB1*117:01
DPB1*02:01:02+DPB1*27:01	DPB1*39:01+DPB1*93:01		
DPB1*02:01:02+DPB1*33:01	DPB1*71:01+DPB1*81:01		
DPB1*02:01:02+DPB1*35:01:01	DPB1*04:02:01G+DPB1*09:01	DPB1*10:01+DPB1*80:01	DPB1*17:01+DPB1*75:01
	DPB1*68:01+DPB1*86:01		
DPB1*02:01:02+DPB1*36:01	DPB1*04:02:01G+DPB1*21:01	DPB1*05:01:01G+DPB1*109:01	DPB1*93:01+DPB1*100:01
DPB1*02:01:02+DPB1*37:01	DPB1*08:01+DPB1*109:01		
DPB1*02:01:02+DPB1*39:01	DPB1*49:01+DPB1*71:01		
DPB1*02:01:02+DPB1*40:01	DPB1*53:01+DPB1*71:01		
DPB1*02:01:02+DPB1*44:01	DPB1*29:01+DPB1*48:01		
DPB1*02:01:02+DPB1*45:01	DPB1*10:01+DPB1*59:01		
DPB1*02:01:02+DPB1*51:01	DPB1*04:02:01G+DPB1*81:01		
DPB1*02:01:02+DPB1*52:01	DPB1*25:01+DPB1*71:01		
DPB1*02:01:02+DPB1*54:01	DPB1*10:01+DPB1*47:01		
DPB1*02:01:02+DPB1*55:01	DPB1*103:01+DPB1*113:01		
DPB1*02:01:02+DPB1*56:01	DPB1*25:01+DPB1*33:01	DPB1*37:01+DPB1*72:01	DPB1*52:01+DPB1*81:01
DPB1*02:01:02+DPB1*57:01	DPB1*08:01+DPB1*108:01		
DPB1*02:01:02+DPB1*58:01	DPB1*48:01+DPB1*55:01		
DPB1*02:01:02+DPB1*63:01	DPB1*16:01+DPB1*112:01	DPB1*103:01+DPB1*116:01	
DPB1*02:01:02+DPB1*65:01	DPB1*08:01+DPB1*39:01		
DPB1*02:01:02+DPB1*66:01	DPB1*04:01:01G+DPB1*113:01	DPB1*33:01+DPB1*129:01	
DPB1*02:01:02+DPB1*67:01	DPB1*45:01+DPB1*71:01	DPB1*55:01+DPB1*73:01	
DPB1*02:01:02+DPB1*68:01	DPB1*04:02:01G+DPB1*08:01	DPB1*16:01+DPB1*75:01	
DPB1*02:01:02+DPB1*72:01	DPB1*33:01+DPB1*59:01		
DPB1*02:01:02+DPB1*76:01	DPB1*14:01+DPB1*81:01		
DPB1*02:01:02+DPB1*79:01	DPB1*04:02:01G+DPB1*37:01	DPB1*68:01+DPB1*109:01	DPB1*75:01+DPB1*93:01
DPB1*02:01:02+DPB1*80:01	DPB1*04:02:01G+DPB1*46:01		
DPB1*02:01:02+DPB1*83:01	DPB1*04:02:01G+DPB1*41:01:01		
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DPB1*02:01:02+DPB1*93:01	DPB1*16:01+DPB1*109:01		
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DPB1*02:01:02+DPB1*112:01	DPB1*23:01+DPB1*48:01	DPB1*71:01+DPB1*116:01	
DPB1*02:01:02+DPB1*114:01	DPB1*02:02+DPB1*25:01	DPB1*21:01+DPB1*73:01	
DPB1*02:01:02+DPB1*116:01	DPB1*04:02:01G+DPB1*48:01		
DPB1*02:01:02+DPB1*125:01	DPB1*04:01:01G+DPB1*10:01	DPB1*08:01+DPB1*66:01	
DPB1*02:01:02+DPB1*129:01	DPB1*04:02:01G+DPB1*113:01		
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DPB1*02:02+DPB1*04:01:01G	DPB1*33:01+DPB1*100:01		
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DPB1*02:02+DPB1*17:01	DPB1*22:01+DPB1*86:01		
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DPB1*02:02+DPB1*29:01	DPB1*44:01+DPB1*47:01		
DPB1*02:02+DPB1*35:01:01	DPB1*09:01+DPB1*100:01		
DPB1*02:02+DPB1*36:01	DPB1*21:01+DPB1*100:01		
DPB1*02:02+DPB1*51:01	DPB1*24:01+DPB1*48:01	DPB1*81:01+DPB1*100:01	
DPB1*02:02+DPB1*52:01	DPB1*71:01+DPB1*114:01		
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DPB1*02:02+DPB1*68:01	DPB1*08:01+DPB1*100:01	DPB1*22:01+DPB1*75:01	
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DPB1*02:02+DPB1*98:01	DPB1*05:01:01G+DPB1*86:01	DPB1*17:01+DPB1*100:01	
DPB1*02:02+DPB1*102:01	DPB1*22:01+DPB1*72:01		
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DPB1*03:01:01G+DPB1*04:02:01G	DPB1*20:01:01+DPB1*75:01	DPB1*25:01+DPB1*80:01	DPB1*79:01+DPB1*108:01
DPB1*03:01:01G+DPB1*05:01:01G	DPB1*36:01+DPB1*57:01		
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DPB1*03:01:01G+DPB1*09:01	DPB1*14:01+DPB1*88:01	DPB1*29:01+DPB1*35:01:01	
DPB1*03:01:01G+DPB1*10:01	DPB1*09:01+DPB1*25:01	DPB1*14:01+DPB1*37:01	DPB1*45:01+DPB1*88:01
DPB1*03:01:01G+DPB1*15:01	DPB1*50:01+DPB1*74:01		
DPB1*03:01:01G+DPB1*16:01	DPB1*06:01+DPB1*68:01	DPB1*08:01+DPB1*20:01:01	DPB1*57:01+DPB1*93:01
DPB1*03:01:01G+DPB1*17:01	DPB1*06:01+DPB1*35:01:01	DPB1*09:01+DPB1*20:01:01	DPB1*29:01+DPB1*98:01
	DPB1*88:01+DPB1*91:01		
DPB1*03:01:01G+DPB1*21:01	DPB1*29:01+DPB1*36:01		
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DPB1*03:01:01G+DPB1*23:01	DPB1*52:01+DPB1*80:01		
DPB1*03:01:01G+DPB1*27:01	DPB1*20:01:01+DPB1*26:01:02		
DPB1*03:01:01G+DPB1*30:01	DPB1*20:01:01+DPB1*54:01		
DPB1*03:01:01G+DPB1*33:01	DPB1*04:01:01G+DPB1*29:01	DPB1*46:01+DPB1*56:01	DPB1*71:01+DPB1*92:01
	DPB1*72:01+DPB1*88:01		
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DPB1*03:01:01G+DPB1*39:01	DPB1*26:01:02+DPB1*108:01		
DPB1*03:01:01G+DPB1*41:01:01	DPB1*29:01+DPB1*83:01		
DPB1*03:01:01G+DPB1*45:01	DPB1*14:01+DPB1*25:01		
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DPB1*03:01:01G+DPB1*48:01	DPB1*04:02:01G+DPB1*44:01	DPB1*29:01+DPB1*116:01	
DPB1*03:01:01G+DPB1*51:01	DPB1*04:02:01G+DPB1*92:01		
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DPB1*03:01:01G+DPB1*56:01	DPB1*52:01+DPB1*92:01		
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DPB1*03:01:01G+DPB1*65:01	DPB1*26:01:02+DPB1*57:01		
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DPB1*03:01:01G+DPB1*68:01	DPB1*57:01+DPB1*79:01		
DPB1*03:01:01G+DPB1*71:01	DPB1*23:01+DPB1*29:01	DPB1*46:01+DPB1*52:01	
DPB1*03:01:01G+DPB1*72:01	DPB1*56:01+DPB1*108:01		
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DPB1*03:01:01G+DPB1*98:01	DPB1*20:01:01+DPB1*35:01:01		
DPB1*03:01:01G+DPB1*100:01	DPB1*80:01+DPB1*114:01		
DPB1*03:01:01G+DPB1*113:01	DPB1*14:01+DPB1*109:01	DPB1*25:01+DPB1*86:01	DPB1*29:01+DPB1*129:01
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DPB1*04:01:01G+DPB1*05:01:01G	DPB1*24:01+DPB1*63:01		
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DPB1*04:01:01G+DPB1*08:01	DPB1*33:01+DPB1*68:01		
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DPB1*04:01:01G+DPB1*13:01:01G	DPB1*39:01+DPB1*110:01		
DPB1*04:01:01G+DPB1*14:01	DPB1*23:01+DPB1*76:01	DPB1*35:01:01+DPB1*72:01	DPB1*57:01+DPB1*66:01
	DPB1*108:01+DPB1*125:01		
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DPB1*04:01:01G+DPB1*21:01	DPB1*33:01+DPB1*36:01		
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DPB1*04:01:01G+DPB1*25:01	DPB1*04:02:01G+DPB1*56:01	DPB1*51:01+DPB1*52:01	DPB1*72:01+DPB1*79:01
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DPB1*04:01:01G+DPB1*45:01	DPB1*51:01+DPB1*67:01	DPB1*59:01+DPB1*125:01	
DPB1*04:01:01G+DPB1*46:01	DPB1*33:01+DPB1*80:01		
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DPB1*04:01:01G+DPB1*48:01	DPB1*33:01+DPB1*116:01	DPB1*81:01+DPB1*112:01	
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DPB1*04:01:01G+DPB1*50:01	DPB1*90:01+DPB1*108:01		
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DPB1*04:01:01G+DPB1*86:01	DPB1*46:01+DPB1*66:01		
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DPB1*04:01:01G+DPB1*100:01	DPB1*24:01+DPB1*112:01		
DPB1*04:01:01G+DPB1*108:01	DPB1*72:01+DPB1*80:01		
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	DPB1*73:01+DPB1*98:01	DPB1*75:01+DPB1*91:01	
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DPB1*04:02:01G+DPB1*35:01:01	DPB1*75:01+DPB1*98:01		
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DPB1*04:02:01G+DPB1*40:01	DPB1*23:01+DPB1*53:01		
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DPB1*04:02:01G+DPB1*54:01	DPB1*30:01+DPB1*75:01		
DPB1*04:02:01G+DPB1*55:01	DPB1*103:01+DPB1*129:01		
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DPB1*04:02:01G+DPB1*117:01	DPB1*39:01+DPB1*109:01		
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DPB1*05:01:01G+DPB1*08:01	DPB1*22:01+DPB1*68:01		
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DPB1*05:01:01G+DPB1*17:01	DPB1*22:01+DPB1*98:01		
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DPB1*05:01:01G+DPB1*26:01:02	DPB1*36:01+DPB1*65:01		
DPB1*05:01:01G+DPB1*37:01	DPB1*08:01+DPB1*36:01	DPB1*21:01+DPB1*68:01	DPB1*22:01+DPB1*79:01
DPB1*05:01:01G+DPB1*41:01:01	DPB1*22:01+DPB1*83:01		
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DPB1*05:01:01G+DPB1*55:01	DPB1*30:01+DPB1*63:01		
DPB1*05:01:01G+DPB1*71:01	DPB1*22:01+DPB1*23:01	DPB1*47:01+DPB1*63:01	DPB1*100:01+DPB1*103:01

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DPB1*05:01:01G+DPB1*72:01	DPB1*100:01+DPB1*102:01		
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DPB1*05:01:01G+DPB1*79:01	DPB1*36:01+DPB1*68:01		
DPB1*05:01:01G+DPB1*81:01	DPB1*22:01+DPB1*51:01		
DPB1*05:01:01G+DPB1*93:01	DPB1*16:01+DPB1*36:01		
DPB1*05:01:01G+DPB1*112:01	DPB1*63:01+DPB1*100:01		
DPB1*05:01:01G+DPB1*113:01	DPB1*22:01+DPB1*129:01	DPB1*30:01+DPB1*116:01	
DPB1*06:01+DPB1*08:01	DPB1*16:01+DPB1*29:01		
DPB1*06:01+DPB1*09:01	DPB1*17:01+DPB1*29:01		
DPB1*06:01+DPB1*14:01	DPB1*29:01+DPB1*91:01		
DPB1*06:01+DPB1*23:01	DPB1*20:01:01+DPB1*71:01	DPB1*46:01+DPB1*87:01	
DPB1*06:01+DPB1*26:01:02	DPB1*27:01+DPB1*29:01		
DPB1*06:01+DPB1*36:01	DPB1*20:01:01+DPB1*21:01		
DPB1*06:01+DPB1*37:01	DPB1*29:01+DPB1*93:01		
DPB1*06:01+DPB1*51:01	DPB1*20:01:01+DPB1*81:01		
DPB1*06:01+DPB1*52:01	DPB1*29:01+DPB1*87:01		
DPB1*06:01+DPB1*54:01	DPB1*29:01+DPB1*30:01		
DPB1*06:01+DPB1*73:01	DPB1*29:01+DPB1*59:01		
DPB1*06:01+DPB1*80:01	DPB1*20:01:01+DPB1*46:01		
DPB1*06:01+DPB1*83:01	DPB1*20:01:01+DPB1*41:01:01		
DPB1*06:01+DPB1*98:01	DPB1*17:01+DPB1*20:01:01		
DPB1*06:01+DPB1*116:01	DPB1*20:01:01+DPB1*48:01		
DPB1*06:01+DPB1*125:01	DPB1*17:01+DPB1*56:01	DPB1*55:01+DPB1*92:01	
DPB1*06:01+DPB1*129:01	DPB1*20:01:01+DPB1*113:01	DPB1*91:01+DPB1*109:01	
DPB1*08:01+DPB1*14:01	DPB1*10:01+DPB1*57:01		
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DPB1*08:01+DPB1*21:01	DPB1*22:01+DPB1*37:01		
DPB1*08:01+DPB1*23:01	DPB1*68:01+DPB1*71:01	DPB1*75:01+DPB1*103:01	
DPB1*08:01+DPB1*26:01:02	DPB1*37:01+DPB1*65:01		
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DPB1*14:01+DPB1*80:01	DPB1*35:01:01+DPB1*108:01		
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DPB1*14:01+DPB1*90:01	DPB1*50:01+DPB1*125:01		
DPB1*14:01+DPB1*98:01	DPB1*35:01:01+DPB1*91:01		
DPB1*14:01+DPB1*103:01	DPB1*55:01+DPB1*57:01		

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DPB1*14:01+DPB1*113:01	DPB1*45:01+DPB1*86:01		
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DPB1*16:01+DPB1*33:01	DPB1*81:01+DPB1*103:01		
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DPB1*17:01+DPB1*36:01	DPB1*21:01+DPB1*98:01		
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DPB1*25:01+DPB1*39:01	DPB1*26:01:02+DPB1*59:01	DPB1*27:01+DPB1*73:01	DPB1*49:01+DPB1*52:01
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DPB1*33:01+DPB1*52:01	DPB1*56:01+DPB1*71:01		
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DPB1*36:01+DPB1*75:01	DPB1*79:01+DPB1*100:01		
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DPB1*37:01+DPB1*66:01	DPB1*109:01+DPB1*125:01		

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DPB1*37:01+DPB1*83:01	DPB1*41:01:01+DPB1*79:01	
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DPB1*37:01+DPB1*129:01	DPB1*79:01+DPB1*113:01	
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DPB1*40:01+DPB1*45:01	DPB1*53:01+DPB1*67:01	
DPB1*40:01+DPB1*116:01	DPB1*49:01+DPB1*62:01	DPB1*53:01+DPB1*112:01
DPB1*41:01:01+DPB1*51:01	DPB1*81:01+DPB1*83:01	
DPB1*41:01:01+DPB1*80:01	DPB1*46:01+DPB1*83:01	
DPB1*41:01:01+DPB1*116:01	DPB1*48:01+DPB1*83:01	
DPB1*41:01:01+DPB1*129:01	DPB1*83:01+DPB1*113:01	
DPB1*44:01+DPB1*51:01	DPB1*48:01+DPB1*92:01	
DPB1*44:01+DPB1*71:01	DPB1*88:01+DPB1*95:01	
DPB1*44:01+DPB1*72:01	DPB1*92:01+DPB1*95:01	
DPB1*45:01+DPB1*112:01	DPB1*67:01+DPB1*116:01	
DPB1*46:01+DPB1*51:01	DPB1*80:01+DPB1*81:01	
DPB1*46:01+DPB1*116:01	DPB1*48:01+DPB1*80:01	
DPB1*48:01+DPB1*51:01	DPB1*81:01+DPB1*116:01	
DPB1*48:01+DPB1*52:01	DPB1*79:01+DPB1*95:01	
DPB1*48:01+DPB1*67:01	DPB1*58:01+DPB1*73:01	
DPB1*48:01+DPB1*72:01	DPB1*51:01+DPB1*95:01	
DPB1*48:01+DPB1*129:01	DPB1*113:01+DPB1*116:01	
DPB1*49:01+DPB1*50:01	DPB1*108:01+DPB1*122:01	
DPB1*51:01+DPB1*113:01	DPB1*81:01+DPB1*129:01	
DPB1*52:01+DPB1*59:01	DPB1*73:01+DPB1*87:01	
DPB1*52:01+DPB1*113:01	DPB1*67:01+DPB1*109:01	
DPB1*55:01+DPB1*108:01	DPB1*71:01+DPB1*91:01	
DPB1*56:01+DPB1*91:01	DPB1*76:01+DPB1*87:01	
DPB1*58:01+DPB1*108:01	DPB1*95:01+DPB1*98:01	
DPB1*59:01+DPB1*66:01	DPB1*72:01+DPB1*129:01	
DPB1*59:01+DPB1*86:01	DPB1*108:01+DPB1*113:01	
DPB1*63:01+DPB1*71:01	DPB1*103:01+DPB1*112:01	
DPB1*63:01+DPB1*72:01	DPB1*102:01+DPB1*112:01	
DPB1*63:01+DPB1*75:01	DPB1*68:01+DPB1*112:01	
DPB1*63:01+DPB1*109:01	DPB1*93:01+DPB1*112:01	
DPB1*68:01+DPB1*72:01	DPB1*75:01+DPB1*102:01	
DPB1*71:01+DPB1*93:01	DPB1*103:01+DPB1*109:01	
DPB1*71:01+DPB1*102:01	DPB1*72:01+DPB1*103:01	
DPB1*72:01+DPB1*93:01	DPB1*81:01+DPB1*87:01	DPB1*102:01+DPB1*109:01
DPB1*73:01+DPB1*80:01	DPB1*75:01+DPB1*108:01	
DPB1*76:01+DPB1*109:01	DPB1*92:01+DPB1*113:01	
DPB1*80:01+DPB1*91:01	DPB1*98:01+DPB1*108:01	
DPB1*88:01+DPB1*102:01	DPB1*92:01+DPB1*103:01	

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HLA-DQA1 Ambiguities, Release 3.2.0

Sequences identical over exons 2

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*	*Allele 6*	*Allele 7*
DQA1*01:01:01G	DQA1*01:01:01	DQA1*01:01:02	DQA1*01:04:01	DQA1*01:04:02	DQA1*01:05		
DQA1*01:02:01G	DQA1*01:02:01	DQA1*01:02:02	DQA1*01:02:03	DQA1*01:02:04			
DQA1*03:01:01G	DQA1*03:01:01	DQA1*03:02	DQA1*03:03				
DQA1*04:01:01G	DQA1*04:01:01	DQA1*04:01:02	DQA1*04:02	DQA1*04:04			
DQA1*05:01:01G	DQA1*05:01:01	DQA1*05:03	DQA1*05:05	DQA1*05:06	DQA1*05:07	DQA1*05:08	DQA1*05:09
DQA1*06:01:01G	DQA1*06:01:01	DQA1*06:02					

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DQA1*05:01:02	DQA1*05:01:01
DQA1*05:02	DQA1*05:01:01
DQA1*06:01:02	DQA1*06:01:01

Alleles removed from analysis due to insertions or deletions

Allele
None

Ambiguous typing combinations over exon 2

Combination 1	*Combination 2*
None	

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HLA-DQB1 Ambiguities, Release 3.2.0

Sequences identical over exons 2

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*	*Allele 6*	*Allele 7*	*Allele 8*	*Allele 9*
DQB1*02:01:01G	DQB1*02:01:01	DQB1*02:02	DQB1*02:04						
DQB1*03:01:01G	DQB1*03:01:01	DQB1*03:01:04	DQB1*03:01:05	DQB1*03:09	DQB1*03:19	DQB1*03:21	DQB1*03:22	DQB1*03:24	DQB1*03:29
DQB1*03:03:02G	DQB1*03:03:02	DQB1*03:31							
DQB1*05:02:01G	DQB1*05:02:01	DQB1*05:02:03							
DQB1*05:03:01G	DQB1*05:03:01	DQB1*05:03:03	DQB1*05:08						
DQB1*06:01:01G	DQB1*06:01:01	DQB1*06:01:03	DQB1*06:01:05	DQB1*06:01:06					
DQB1*06:04:01G	DQB1*06:04:01	DQB1*06:34	DQB1*06:36	DQB1*06:38	DQB1*06:39				

Alleles extended due to unsequenced regions

The following alleles do not contain the complete exon 2 sequence. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DQB1*02:03	DQB1*02:01:01
DQB1*03:01:02	DQB1*03:01:01
DQB1*03:07	DQB1*03:01:01
DQB1*05:01:02	DQB1*05:01:01
DQB1*05:02:02	DQB1*05:02:01
DQB1*05:03:02	DQB1*05:03:01
DQB1*05:04	DQB1*05:01:01
DQB1*06:01:02	DQB1*06:01:01
DQB1*06:05:02	DQB1*06:05:01
DQB1*06:07	DQB1*06:04:01
DQB1*06:08:01	DQB1*06:08:02
DQB1*06:11:01	DQB1*06:11:02
DQB1*06:13	DQB1*06:01:01
DQB1*06:14:01	DQB1*06:14:02
DQB1*06:18	DQB1*06:01:01
DQB1*06:20	DQB1*06:01:01

Alleles removed from analysis due to insertions or deletions

Allele
None

Ambiguous typing combinations over exon 2

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*
DQB1*02:01:01G+DQA1*03:01:01G	DQB1*02:03+DQB1*03:04		
DQB1*02:01:01G+DQB1*03:03:02G	DQB1*02:03+DQB1*03:02:01		
DQB1*02:01:01G+DQB1*03:03:03	DQB1*02:03+DQB1*03:02:03		
DQB1*02:01:01G+DQB1*03:17	DQB1*02:03+DQB1*03:05:03		
DQB1*02:01:01G+DQB1*03:26	DQB1*02:03+DQB1*03:11		
DQB1*02:01:01G+DQB1*05:01:03	DQB1*02:01:03+DQB1*05:01:02		
DQA1*03:01:01G+DQB1*03:02:01	DQB1*03:03:02G+DQB1*03:04		
DQA1*03:01:01G+DQB1*03:02:03	DQB1*03:01:02+DQB1*03:02:01	DQB1*03:03:03+DQB1*03:04	
DQA1*03:01:01G+DQB1*03:03:03	DQB1*03:01:02+DQB1*03:03:02G		
DQA1*03:01:01G+DQB1*03:05:01	DQB1*03:01:02+DQB1*03:05:03		
DQA1*03:01:01G+DQB1*03:05:02	DQB1*03:01:02+DQB1*03:05:04		
DQA1*03:01:01G+DQB1*03:05:03	DQB1*03:04+DQB1*03:17		
DQA1*03:01:01G+DQB1*03:11	DQB1*03:04+DQB1*03:26		
DQA1*03:01:01G+DQB1*06:02:01	DQB1*03:01:02+DQB1*06:02:02		
DQA1*03:01:01G+DQB1*06:03:01	DQB1*03:01:02+DQB1*06:03:02		
DQB1*03:02:01+DQB1*03:03:03	DQB1*03:02:03+DQB1*03:03:02G		
DQB1*03:02:01+DQB1*03:05:01	DQB1*03:02:03+DQB1*03:05:03		
DQB1*03:02:01+DQB1*03:05:02	DQB1*03:02:03+DQB1*03:05:04		
DQB1*03:02:01+DQB1*03:17	DQB1*03:03:02G+DQB1*03:05:03		
DQB1*03:02:01+DQB1*03:26	DQB1*03:03:02G+DQB1*03:11		
DQB1*03:02:01+DQB1*04:02:01	DQB1*03:05:03+DQB1*04:03:02	DQB1*03:05:04+DQB1*04:03:01	
DQB1*03:02:01+DQB1*04:04	DQB1*03:05:01+DQB1*03:25		
DQB1*03:02:01+DQB1*06:02:01	DQB1*03:02:03+DQB1*06:02:02		
DQB1*03:02:01+DQB1*06:03:01	DQB1*03:02:03+DQB1*06:03:02	DQB1*03:08+DQB1*06:32	
DQB1*03:02:01+DQB1*06:05:01	DQB1*03:11+DQB1*06:09		
DQB1*03:02:01+DQB1*06:08:02	DQB1*03:08+DQB1*06:27		
DQB1*03:02:01+DQB1*06:12	DQB1*03:08+DQB1*06:09		
DQB1*03:02:01+DQB1*06:20	DQB1*03:11+DQB1*06:02:01		
DQB1*03:02:01+DQB1*06:21	DQB1*03:08+DQB1*06:04:01G		
DQB1*03:02:01+DQB1*06:23	DQB1*03:05:02+DQB1*06:02:02	DQB1*03:05:04+DQB1*06:02:01	
DQB1*03:02:01+DQB1*06:31	DQB1*03:11+DQB1*06:03:01		
DQB1*03:02:03+DQB1*03:17	DQB1*03:03:02G+DQB1*03:05:01	DQB1*03:03:03+DQB1*03:05:03	
DQB1*03:02:03+DQB1*03:26	DQB1*03:03:03+DQB1*03:11		
DQB1*03:02:03+DQB1*04:02:01	DQB1*03:05:01+DQB1*04:03:02	DQB1*03:05:02+DQB1*04:03:01	
DQB1*03:02:03+DQB1*06:23	DQB1*03:05:02+DQB1*06:02:01		
DQB1*03:03:02G+DQB1*03:05:02	DQB1*03:03:03+DQB1*03:05:04		
DQB1*03:03:02G+DQB1*04:01:01	DQB1*03:30+DQB1*04:05		
DQB1*03:03:02G+DQB1*04:02:01	DQB1*03:17+DQB1*04:03:02	DQB1*03:30+DQB1*04:04	
DQB1*03:03:02G+DQB1*06:02:01	DQB1*03:03:03+DQB1*06:02:02	DQB1*03:30+DQB1*06:11:01	
DQB1*03:03:02G+DQB1*06:03:01	DQB1*03:03:03+DQB1*06:03:02		

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DQB1*03:03:02G+DQB1*06:05:01	DQB1*03:26+DQB1*06:09		
DQB1*03:03:02G+DQB1*06:14:01	DQB1*03:30+DQB1*06:03:01		
DQB1*03:03:02G+DQB1*06:20	DQB1*03:26+DQB1*06:02:01		
DQB1*03:03:02G+DQB1*06:31	DQB1*03:26+DQB1*06:03:01		
DQB1*03:05:01+DQB1*03:05:04	DQB1*03:05:02+DQB1*03:05:03		
DQB1*03:05:01+DQB1*06:02:02	DQB1*03:05:03+DQB1*06:02:01		
DQB1*03:05:01+DQB1*06:03:02	DQB1*03:05:03+DQB1*06:03:01		
DQB1*03:05:02+DQB1*06:03:02	DQB1*03:05:04+DQB1*06:03:01		
DQB1*03:05:03+DQB1*03:26	DQB1*03:11+DQB1*03:17		
DQB1*03:05:04+DQB1*06:20	DQB1*03:11+DQB1*06:23		
DQB1*03:08+DQB1*06:05:01	DQB1*03:11+DQB1*06:12		
DQB1*03:25+DQB1*06:14:01	DQB1*04:03:02+DQB1*06:03:02		
DQB1*03:26+DQB1*06:14:01	DQB1*03:30+DQB1*06:31		
DQB1*04:01:01+DQB1*04:04	DQB1*04:02:01+DQB1*04:05		
DQB1*04:01:01+DQB1*06:03:01	DQB1*04:05+DQB1*06:14:01		
DQB1*04:01:01+DQB1*06:11:01	DQB1*04:05+DQB1*06:02:01		
DQB1*04:02:01+DQB1*06:02:01	DQB1*04:03:01+DQB1*06:23		
DQB1*04:02:01+DQB1*06:03:01	DQB1*04:04+DQB1*06:14:01		
DQB1*04:02:01+DQB1*06:11:01	DQB1*04:04+DQB1*06:02:01		
DQB1*05:01:02+DQB1*06:10	DQB1*05:02:01G+DQB1*06:13		
DQB1*05:01:02+DQB1*06:25	DQB1*05:02:01G+DQB1*06:04:01G		
DQB1*05:02:01G+DQB1*06:03:01	DQB1*05:05+DQB1*06:28		
DQB1*05:02:02+DQB1*06:02:01	DQB1*05:03:02+DQB1*06:10		
DQB1*05:02:02+DQB1*06:07:02	DQB1*05:03:02+DQB1*06:25		
DQB1*05:03:01G+DQB1*06:05:01	DQB1*05:03:02+DQB1*06:05:02		
DQB1*06:02:01+DQB1*06:03:01	DQB1*06:11:01+DQB1*06:14:01	DQB1*06:11:02+DQB1*06:14:02	
DQB1*06:02:01+DQB1*06:03:02	DQB1*06:02:02+DQB1*06:03:01		
DQB1*06:02:01+DQB1*06:04:01G	DQB1*06:03:01+DQB1*06:22	DQB1*06:07:02+DQB1*06:13	DQB1*06:08:02+DQB1*06:15
	DQB1*06:09+DQB1*06:14:02		
DQB1*06:02:01+DQB1*06:04:02	DQB1*06:08:01+DQB1*06:15		
DQB1*06:02:01+DQB1*06:05:01	DQB1*06:09+DQB1*06:20		
DQB1*06:02:01+DQB1*06:08:01	DQB1*06:03:01+DQB1*06:13		
DQB1*06:02:01+DQB1*06:09	DQB1*06:11:02+DQB1*06:22		
DQB1*06:02:01+DQB1*06:17	DQB1*06:21+DQB1*06:24		
DQB1*06:02:01+DQB1*06:21	DQB1*06:12+DQB1*06:14:02		
DQB1*06:02:01+DQB1*06:25	DQB1*06:07:02+DQB1*06:10		
DQB1*06:02:01+DQB1*06:27	DQB1*06:14:02+DQB1*06:18		
DQB1*06:02:01+DQB1*06:30	DQB1*06:03:01+DQB1*06:24		
DQB1*06:02:01+DQB1*06:31	DQB1*06:03:01+DQB1*06:20		
DQB1*06:02:02+DQB1*06:04:01G	DQB1*06:03:02+DQB1*06:22		
DQB1*06:02:02+DQB1*06:08:01	DQB1*06:03:02+DQB1*06:13		
DQB1*06:02:02+DQB1*06:30	DQB1*06:03:02+DQB1*06:24		
DQB1*06:02:02+DQB1*06:31	DQB1*06:03:02+DQB1*06:20		
DQB1*06:03:01+DQB1*06:04:01G	DQB1*06:07:02+DQB1*06:08:01	DQB1*06:21+DQB1*06:32	
DQB1*06:03:01+DQB1*06:05:01	DQB1*06:09+DQB1*06:31		
DQB1*06:03:01+DQB1*06:09	DQB1*06:04:01G+DQB1*06:11:02	DQB1*06:12+DQB1*06:32	
DQB1*06:03:01+DQB1*06:12	DQB1*06:11:02+DQB1*06:21		
DQB1*06:03:01+DQB1*06:17	DQB1*06:21+DQB1*06:30		
DQB1*06:03:01+DQB1*06:18	DQB1*06:11:02+DQB1*06:27		
DQB1*06:03:01+DQB1*06:27	DQB1*06:08:02+DQB1*06:32		
DQB1*06:04:01G+DQB1*06:08:01	DQB1*06:04:02+DQB1*06:08:02		
DQB1*06:04:01G+DQB1*06:08:02	DQB1*06:21+DQB1*06:27		
DQB1*06:04:01G+DQB1*06:10	DQB1*06:13+DQB1*06:25		
DQB1*06:04:01G+DQB1*06:12	DQB1*06:09+DQB1*06:21		
DQB1*06:04:01G+DQB1*06:13	DQB1*06:08:01+DQB1*06:22		
DQB1*06:04:01G+DQB1*06:18	DQB1*06:09+DQB1*06:27		
DQB1*06:04:01G+DQB1*06:20	DQB1*06:05:01+DQB1*06:14:02	DQB1*06:22+DQB1*06:31	
DQB1*06:04:01G+DQB1*06:24	DQB1*06:22+DQB1*06:30		
DQB1*06:04:01G+DQB1*06:30	DQB1*06:17+DQB1*06:32		
DQB1*06:08:01+DQB1*06:20	DQB1*06:13+DQB1*06:31		
DQB1*06:08:01+DQB1*06:24	DQB1*06:13+DQB1*06:30		
DQB1*06:08:02+DQB1*06:09	DQB1*06:12+DQB1*06:27	DQB1*06:18+DQB1*06:21	
DQB1*06:11:02+DQB1*06:17	DQB1*06:12+DQB1*06:30		
DQB1*06:15+DQB1*06:27	DQB1*06:22+DQB1*06:32		
DQB1*06:20+DQB1*06:30	DQB1*06:24+DQB1*06:31		

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HLA-DRB1 Ambiguities, Release 3.2.0

Sequences identical over exons 2 (nucleotides 101 to 356)

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*
DRB1*01:01:01G	DRB1*01:01:01	DRB1*01:01:05			
DRB1*03:01:01G	DRB1*03:01:01:01	DRB1*03:01:01:02	DRB1*03:01:08		
DRB1*03:05:01G	DRB1*03:05:01	DRB1*03:05:02			
DRB1*04:03:01G	DRB1*04:03:01	DRB1*04:03:03			
DRB1*04:05:01G	DRB1*04:05:01	DRB1*04:05:03	DRB1*04:05:04		
DRB1*04:06:01G	DRB1*04:06:01	DRB1*04:06:02			
DRB1*04:07:01G	DRB1*04:07:01	DRB1*04:07:03	DRB1*04:92		
DRB1*04:17:01G	DRB1*04:17:01	DRB1*04:17:02			
DRB1*07:01:01G	DRB1*07:01:01:01	DRB1*07:01:01:02			
DRB1*08:01:01G	DRB1*08:01:01	DRB1*08:01:03	DRB1*08:01:05		
DRB1*08:02:01G	DRB1*08:02:01	DRB1*08:02:02			
DRB1*08:04:01G	DRB1*08:04:01	DRB1*08:04:04			
DRB1*08:04:02G	DRB1*08:04:02	DRB1*08:04:03			
DRB1*11:01:01G	DRB1*11:01:01	DRB1*11:01:02	DRB1*11:01:06	DRB1*11:01:08	DRB1*11:97
DRB1*11:01:03G	DRB1*11:01:03	DRB1*11:01:11			
DRB1*11:04:01G	DRB1*11:04:01	DRB1*11:04:02	DRB1*11:04:06		
DRB1*11:08:01G	DRB1*11:08:01	DRB1*11:08:02			
DRB1*11:10:01G	DRB1*11:10:01	DRB1*11:10:02			
DRB1*11:11:01G	DRB1*11:11:01	DRB1*11:11:02			
DRB1*11:13:01G	DRB1*11:13:01	DRB1*11:13:02			
DRB1*11:14:01G	DRB1*11:14:01	DRB1*11:14:02			
DRB1*11:65:01G	DRB1*11:65:01	DRB1*11:65:02			
DRB1*12:01:01G	DRB1*12:01:01	DRB1*12:06	DRB1*12:10	DRB1*12:17	
DRB1*13:01:01G	DRB1*13:01:01	DRB1*13:01:08			
DRB1*13:03:01G	DRB1*13:03:01	DRB1*13:03:02			
DRB1*13:05:01G	DRB1*13:05:01	DRB1*13:05:02			
DRB1*13:14:01G	DRB1*13:14:01	DRB1*13:14:03			
DRB1*13:21:01G	DRB1*13:21:01	DRB1*13:21:02			
DRB1*13:33:02G	DRB1*13:33:02	DRB1*13:33:03			
DRB1*13:66:01G	DRB1*13:66:01	DRB1*13:66:02			
DRB1*14:01:01G	DRB1*14:01:01	DRB1*14:54			
DRB1*14:06:01G	DRB1*14:06:01	DRB1*14:06:02			
DRB1*14:07:01G	DRB1*14:07:01	DRB1*14:07:02			
DRB1*14:02:01G	DRB1*14:12:01	DRB1*14:12:02			
DRB1*15:01:01G	DRB1*15:01:01:01	DRB1*15:01:01:02			
DRB1*15:02:02G	DRB1*15:02:02	DRB1*15:02:05			
DRB1*15:03:01G	DRB1*15:03:01:01	DRB1*15:03:01:02			

Alleles extended due to unsequenced regions

The following alleles do not contain the complete sequence in the region nucleotide 101 to 356. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DRB1*01:02:02	DRB1*01:02:01
DRB1*03:09	DRB1*03:01:01:01
DRB1*03:12	DRB1*03:01:01:01
DRB1*03:16	DRB1*03:01:01:01
DRB1*03:21	DRB1*03:01:01:01
DRB1*04:19	DRB1*04:01:01
DRB1*04:20	DRB1*04:01:01
DRB1*04:21	DRB1*04:01:01
DRB1*04:22	DRB1*04:01:01
DRB1*04:25	DRB1*04:01:01
DRB1*04:32	DRB1*04:01:01
DRB1*07:01:02	DRB1*07:01:01:01
DRB1*08:02:03	DRB1*08:02:01
DRB1*08:04:02	DRB1*08:04:01
DRB1*08:17	DRB1*08:01:01
DRB1*08:19	DRB1*08:01:01
DRB1*11:01:04	DRB1*11:01:01
DRB1*11:22	DRB1*11:01:01
DRB1*11:23	DRB1*11:01:01
DRB1*11:24	DRB1*11:01:01
DRB1*11:26	DRB1*11:01:01
DRB1*11:40	DRB1*11:01:01
DRB1*11:49	DRB1*11:01:01
DRB1*12:02:02	DRB1*12:02:01
DRB1*13:03:02	DRB1*13:03:01
DRB1*13:15	DRB1*13:01:01
DRB1*13:23	DRB1*13:01:01
DRB1*13:24	DRB1*13:01:01
DRB1*13:25	DRB1*13:01:01
DRB1*13:28	DRB1*13:01:01
DRB1*13:30	DRB1*13:01:01
DRB1*13:33:01	DRB1*13:33:02
DRB1*13:40	DRB1*13:01:01
DRB1*13:45	DRB1*13:01:01
DRB1*13:55	DRB1*13:01:01
DRB1*14:09	DRB1*14:01:01
DRB1*14:31	DRB1*14:01:01
DRB1*15:02:03	DRB1*15:02:01
DRB1*15:05	DRB1*15:01:01:01
DRB1*16:01:02	DRB1*16:01:01
DRB1*16:02:02	DRB1*16:02:01
DRB1*16:05:01	DRB1*16:01:01

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Alleles removed from analysis due to insertions or deletions

Allele
DRB1*01:33N
DRB1*04:81N
DRB1*07:10N
DRB1*15:13
DRB1*15:17N
DRB1*15:50N

Ambiguous typing combinations over exon 2 (nucleotides 101 to 356)

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*
DRB1*01:01:01G+DRB1*01:02:05	DRB1*01:01:07+DRB1*01:02:01		
DRB1*01:01:01G+DRB1*01:04	DRB1*01:11+DRB1*01:20		
DRB1*01:01:01G+DRB1*01:06	DRB1*01:09+DRB1*01:20		
DRB1*01:01:01G+DRB1*01:15	DRB1*01:09+DRB1*01:24		
DRB1*01:01:01G+DRB1*03:01:01G	DRB1*01:18+DRB1*03:06	DRB1*01:20+DRB1*03:05:01G	
DRB1*01:01:01G+DRB1*03:01:02	DRB1*01:04+DRB1*03:14	DRB1*01:11+DRB1*03:15	DRB1*01:20+DRB1*03:05:03
DRB1*01:01:01G+DRB1*03:01:06	DRB1*01:01:16+DRB1*03:01:01G		
DRB1*01:01:01G+DRB1*03:02:01	DRB1*01:16+DRB1*14:02		
DRB1*01:01:01G+DRB1*03:03	DRB1*01:16+DRB1*14:06:01G	DRB1*01:20+DRB1*03:02:01	
DRB1*01:01:01G+DRB1*03:05:03	DRB1*01:11+DRB1*03:14		
DRB1*01:01:01G+DRB1*03:07	DRB1*01:16+DRB1*14:17		
DRB1*01:01:01G+DRB1*03:10	DRB1*01:14+DRB1*03:01:01G		
DRB1*01:01:01G+DRB1*03:15	DRB1*01:20+DRB1*03:14		
DRB1*01:01:01G+DRB1*03:19	DRB1*01:24+DRB1*03:01:01G		
DRB1*01:01:01G+DRB1*03:23	DRB1*01:20+DRB1*03:09		
DRB1*01:01:01G+DRB1*03:25	DRB1*01:08+DRB1*03:04	DRB1*01:18+DRB1*03:31	
DRB1*01:01:01G+DRB1*03:29	DRB1*01:18+DRB1*03:02:01		
DRB1*01:01:01G+DRB1*03:33	DRB1*01:18+DRB1*03:26		
DRB1*01:01:01G+DRB1*03:34	DRB1*01:19+DRB1*03:01:01G		
DRB1*01:01:01G+DRB1*03:38	DRB1*01:16+DRB1*14:48		
DRB1*01:01:01G+DRB1*03:40	DRB1*01:18+DRB1*03:41		
DRB1*01:01:01G+DRB1*04:01:01	DRB1*01:08+DRB1*04:21	DRB1*01:10+DRB1*04:08:01	
DRB1*01:01:01G+DRB1*04:02	DRB1*01:03+DRB1*04:04:01	DRB1*01:20+DRB1*04:14	DRB1*01:24+DRB1*04:37
DRB1*01:01:01G+DRB1*04:03:01G	DRB1*01:08+DRB1*04:06:01G	DRB1*01:17+DRB1*04:04:01	DRB1*01:20+DRB1*04:07:01G
DRB1*01:01:01G+DRB1*04:03:02	DRB1*01:01:18+DRB1*04:03:01G	DRB1*01:08+DRB1*04:06:04	DRB1*01:17+DRB1*04:04:02
DRB1*01:01:01G+DRB1*04:03:04	DRB1*01:08+DRB1*04:06:03		
DRB1*01:01:01G+DRB1*04:04:01	DRB1*01:08+DRB1*04:68	DRB1*01:20+DRB1*04:08:01	
DRB1*01:01:01G+DRB1*04:04:02	DRB1*01:01:18+DRB1*04:04:01	DRB1*01:20+DRB1*04:08:02	
DRB1*01:01:01G+DRB1*04:05:01G	DRB1*01:08+DRB1*04:84		
DRB1*01:01:01G+DRB1*04:05:10	DRB1*01:01:07+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:06:01G	DRB1*01:17+DRB1*04:68	DRB1*01:20+DRB1*04:20	
DRB1*01:01:01G+DRB1*04:06:04	DRB1*01:01:18+DRB1*04:06:01G		
DRB1*01:01:01G+DRB1*04:07:01G	DRB1*01:08+DRB1*04:20	DRB1*01:17+DRB1*04:08:01	
DRB1*01:01:01G+DRB1*04:08:01	DRB1*01:08+DRB1*04:19		
DRB1*01:01:01G+DRB1*04:08:02	DRB1*01:01:18+DRB1*04:08:01		
DRB1*01:01:01G+DRB1*04:09	DRB1*01:10+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:10	DRB1*01:20+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:11	DRB1*01:08+DRB1*04:91	DRB1*01:17+DRB1*04:10	DRB1*01:20+DRB1*04:17:01G
DRB1*01:01:01G+DRB1*04:12	DRB1*01:20+DRB1*04:86		
DRB1*01:01:01G+DRB1*04:13	DRB1*01:10+DRB1*04:04:01	DRB1*01:20+DRB1*04:01:01	
DRB1*01:01:01G+DRB1*04:14	DRB1*01:03+DRB1*04:08:01		
DRB1*01:01:01G+DRB1*04:17:01G	DRB1*01:17+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:18	DRB1*01:24+DRB1*04:58		
DRB1*01:01:01G+DRB1*04:20	DRB1*01:17+DRB1*04:19		
DRB1*01:01:01G+DRB1*04:21	DRB1*01:10+DRB1*04:19		
DRB1*01:01:01G+DRB1*04:22	DRB1*01:16+DRB1*04:04:01		
DRB1*01:01:01G+DRB1*04:24	DRB1*01:29+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:25	DRB1*01:20+DRB1*04:54		
DRB1*01:01:01G+DRB1*04:28	DRB1*01:18+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:29	DRB1*01:28+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*04:35	DRB1*01:10+DRB1*04:43	DRB1*01:18+DRB1*04:01:01	
DRB1*01:01:01G+DRB1*04:38	DRB1*01:24+DRB1*04:01:01		
DRB1*01:01:01G+DRB1*04:42	DRB1*01:18+DRB1*04:04:01	DRB1*01:20+DRB1*04:43	
DRB1*01:01:01G+DRB1*04:43	DRB1*01:18+DRB1*04:08:01		
DRB1*01:01:01G+DRB1*04:44	DRB1*01:04+DRB1*04:08:01	DRB1*01:11+DRB1*04:04:01	
DRB1*01:01:01G+DRB1*04:51	DRB1*01:17+DRB1*04:70		
DRB1*01:01:01G+DRB1*04:52	DRB1*01:17+DRB1*04:23		
DRB1*01:01:01G+DRB1*04:55	DRB1*01:20+DRB1*04:31		
DRB1*01:01:01G+DRB1*04:56	DRB1*01:24+DRB1*04:04:01		
DRB1*01:01:01G+DRB1*04:59	DRB1*01:17+DRB1*04:42	DRB1*01:18+DRB1*04:03:01G	
DRB1*01:01:01G+DRB1*04:62	DRB1*01:14+DRB1*04:01:01		
DRB1*01:01:01G+DRB1*04:67	DRB1*01:10+DRB1*04:10	DRB1*01:20+DRB1*04:09	
DRB1*01:01:01G+DRB1*04:68	DRB1*01:20+DRB1*04:19		
DRB1*01:01:01G+DRB1*04:72:02	DRB1*01:11+DRB1*04:01:01		
DRB1*01:01:01G+DRB1*04:73	DRB1*01:15+DRB1*04:04:02		
DRB1*01:01:01G+DRB1*04:74	DRB1*01:11+DRB1*04:07:01G		
DRB1*01:01:01G+DRB1*04:78	DRB1*01:29+DRB1*04:06:01G		
DRB1*01:01:01G+DRB1*04:88	DRB1*01:17+DRB1*04:56	DRB1*01:24+DRB1*04:03:01G	
DRB1*01:01:01G+DRB1*04:90	DRB1*01:21+DRB1*04:05:01G		
DRB1*01:01:01G+DRB1*07:01:01G	DRB1*01:21+DRB1*07:11		
DRB1*01:01:01G+DRB1*07:04	DRB1*01:11+DRB1*07:11		
DRB1*01:01:01G+DRB1*07:16	DRB1*01:27+DRB1*07:01:01G		
DRB1*01:01:01G+DRB1*08:01:02	DRB1*01:01:14+DRB1*08:01:01G		
DRB1*01:01:01G+DRB1*08:04:01G	DRB1*01:20+DRB1*08:02:01G		
DRB1*01:01:01G+DRB1*08:06	DRB1*01:20+DRB1*08:01:01G		
DRB1*01:01:01G+DRB1*08:08	DRB1*01:14+DRB1*08:02:01G		
DRB1*01:01:01G+DRB1*08:10	DRB1*01:20+DRB1*08:03:02		
DRB1*01:01:01G+DRB1*08:17	DRB1*01:18+DRB1*08:01:01G		
DRB1*01:01:01G+DRB1*08:20	DRB1*01:20+DRB1*13:47		
DRB1*01:01:01G+DRB1*08:23	DRB1*01:05+DRB1*08:03:02		
DRB1*01:01:01G+DRB1*08:28	DRB1*01:18+DRB1*08:04:01G		
DRB1*01:01:01G+DRB1*08:29	DRB1*01:17+DRB1*08:18		

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DRB1*01:01:01G+DRB1*08:30:01	DRB1*01:24+DRB1*08:13		
DRB1*01:01:01G+DRB1*08:31	DRB1*01:20+DRB1*08:41		
DRB1*01:01:01G+DRB1*08:37	DRB1*01:18+DRB1*08:03:02		
DRB1*01:01:01G+DRB1*08:40	DRB1*01:10+DRB1*08:18		
DRB1*01:01:01G+DRB1*09:01:02	DRB1*01:21+DRB1*09:05		
DRB1*01:01:01G+DRB1*09:02:01	DRB1*01:01:18+DRB1*09:02:02		
DRB1*01:01:01G+DRB1*09:06	DRB1*01:20+DRB1*09:01:02		
DRB1*01:01:01G+DRB1*10:02	DRB1*01:20+DRB1*10:01:01		
DRB1*01:01:01G+DRB1*11:01:01G	DRB1*01:08+DRB1*11:29	DRB1*01:18+DRB1*11:37	
DRB1*01:01:01G+DRB1*11:02:01	DRB1*01:03+DRB1*11:34	DRB1*01:10+DRB1*11:98	DRB1*01:18+DRB1*11:48
	DRB1*01:20+DRB1*11:14:01G	DRB1*01:24+DRB1*11:36	
DRB1*01:01:01G+DRB1*11:03	DRB1*01:08+DRB1*11:63	DRB1*01:18+DRB1*11:41	DRB1*01:20+DRB1*11:11:01G
DRB1*01:01:01G+DRB1*11:04:01G	DRB1*01:18+DRB1*11:56	DRB1*01:20+DRB1*11:01:01G	
DRB1*01:01:01G+DRB1*11:04:03	DRB1*01:20+DRB1*11:01:05		
DRB1*01:01:01G+DRB1*11:04:04	DRB1*01:20+DRB1*11:01:12		
DRB1*01:01:01G+DRB1*11:04:05	DRB1*01:20+DRB1*11:01:04		
DRB1*01:01:01G+DRB1*11:06:01	DRB1*01:08+DRB1*11:47		
DRB1*01:01:01G+DRB1*11:06:02	DRB1*01:02:01+DRB1*11:01:01G		
DRB1*01:01:01G+DRB1*11:07	DRB1*01:16+DRB1*11:34		
DRB1*01:01:01G+DRB1*11:14:01G	DRB1*01:03+DRB1*11:26	DRB1*01:24+DRB1*11:68	
DRB1*01:01:01G+DRB1*11:16	DRB1*01:20+DRB1*11:20		
DRB1*01:01:01G+DRB1*11:18	DRB1*01:20+DRB1*11:19:01	DRB1*01:24+DRB1*11:42	
DRB1*01:01:01G+DRB1*11:19:01	DRB1*01:24+DRB1*11:08:01G		
DRB1*01:01:01G+DRB1*11:25	DRB1*01:20+DRB1*11:23		
DRB1*01:01:01G+DRB1*11:27:01	DRB1*01:11+DRB1*11:01:01G		
DRB1*01:01:01G+DRB1*11:34	DRB1*01:20+DRB1*11:26		
DRB1*01:01:01G+DRB1*11:35	DRB1*01:20+DRB1*11:33		
DRB1*01:01:01G+DRB1*11:36	DRB1*01:20+DRB1*11:68		
DRB1*01:01:01G+DRB1*11:42	DRB1*01:20+DRB1*11:08:01G		
DRB1*01:01:01G+DRB1*11:43	DRB1*01:20+DRB1*11:39		
DRB1*01:01:01G+DRB1*11:44	DRB1*01:20+DRB1*11:49		
DRB1*01:01:01G+DRB1*11:45	DRB1*01:24+DRB1*11:64		
DRB1*01:01:01G+DRB1*11:54:01	DRB1*01:17+DRB1*11:04:03		
DRB1*01:01:01G+DRB1*11:54:02	DRB1*01:17+DRB1*11:04:01G		
DRB1*01:01:01G+DRB1*11:56	DRB1*01:20+DRB1*11:37		
DRB1*01:01:01G+DRB1*11:58:01	DRB1*01:20+DRB1*11:28:02		
DRB1*01:01:01G+DRB1*11:58:02	DRB1*01:20+DRB1*11:28:01		
DRB1*01:01:01G+DRB1*11:66	DRB1*01:28+DRB1*11:01:01G		
DRB1*01:01:01G+DRB1*11:73	DRB1*01:10+DRB1*11:19:01		
DRB1*01:01:01G+DRB1*11:79	DRB1*01:10+DRB1*11:26		
DRB1*01:01:01G+DRB1*11:82	DRB1*01:15+DRB1*11:26		
DRB1*01:01:01G+DRB1*11:84	DRB1*01:04+DRB1*11:01:01G	DRB1*01:11+DRB1*11:04:01G	DRB1*01:20+DRB1*11:27:01
DRB1*01:01:01G+DRB1*11:88	DRB1*01:31+DRB1*11:56		
DRB1*01:01:01G+DRB1*11:92	DRB1*01:20+DRB1*11:72		
DRB1*01:01:01G+DRB1*11:93	DRB1*01:10+DRB1*11:01:01G		
DRB1*01:01:01G+DRB1*12:01:01G	DRB1*01:24+DRB1*12:12		
DRB1*01:01:01G+DRB1*12:02:01	DRB1*01:18+DRB1*12:21		
DRB1*01:01:01G+DRB1*12:02:04	DRB1*01:02:01+DRB1*12:16		
DRB1*01:01:01G+DRB1*12:02:05	DRB1*01:01:07+DRB1*12:02:01		
DRB1*01:01:01G+DRB1*13:01:01G	DRB1*01:03+DRB1*14:17	DRB1*01:18+DRB1*13:40	DRB1*01:20+DRB1*13:02:01
	DRB1*01:24+DRB1*13:20		
DRB1*01:01:01G+DRB1*13:01:05	DRB1*01:01:18+DRB1*13:01:01G	DRB1*01:20+DRB1*13:02:03	
DRB1*01:01:01G+DRB1*13:02:01	DRB1*01:03+DRB1*14:30	DRB1*01:18+DRB1*13:36	DRB1*01:24+DRB1*13:29
DRB1*01:01:01G+DRB1*13:02:03	DRB1*01:01:18+DRB1*13:02:01		
DRB1*01:01:01G+DRB1*13:03:01G	DRB1*01:10+DRB1*13:12	DRB1*01:24+DRB1*13:88	
DRB1*01:01:01G+DRB1*13:03:05	DRB1*01:01:07+DRB1*13:03:01G		
DRB1*01:01:01G+DRB1*13:04	DRB1*01:18+DRB1*13:48		
DRB1*01:01:01G+DRB1*13:07:02	DRB1*01:01:18+DRB1*13:07:01		
DRB1*01:01:01G+DRB1*13:09	DRB1*01:15+DRB1*14:17		
DRB1*01:01:01G+DRB1*13:10	DRB1*01:10+DRB1*13:06		
DRB1*01:01:01G+DRB1*13:11:01	DRB1*01:20+DRB1*13:14:01G		
DRB1*01:01:01G+DRB1*13:11:02	DRB1*01:01:18+DRB1*13:11:01	DRB1*01:20+DRB1*13:14:02	
DRB1*01:01:01G+DRB1*13:14:01G	DRB1*01:18+DRB1*13:07:01		
DRB1*01:01:01G+DRB1*13:14:02	DRB1*01:01:18+DRB1*13:14:01G	DRB1*01:18+DRB1*13:07:02	
DRB1*01:01:01G+DRB1*13:15	DRB1*01:18+DRB1*13:53		
DRB1*01:01:01G+DRB1*13:19	DRB1*01:03+DRB1*14:20		
DRB1*01:01:01G+DRB1*13:20	DRB1*01:20+DRB1*13:29		
DRB1*01:01:01G+DRB1*13:21:01G	DRB1*01:18+DRB1*13:49		
DRB1*01:01:01G+DRB1*13:22	DRB1*01:03+DRB1*13:44	DRB1*01:18+DRB1*13:70	DRB1*01:20+DRB1*13:23
DRB1*01:01:01G+DRB1*13:27	DRB1*01:20+DRB1*13:41	DRB1*01:24+DRB1*13:71	
DRB1*01:01:01G+DRB1*13:30	DRB1*01:18+DRB1*13:12		
DRB1*01:01:01G+DRB1*13:32	DRB1*01:20+DRB1*13:65		
DRB1*01:01:01G+DRB1*13:33:02G	DRB1*01:11+DRB1*13:03:01G		
DRB1*01:01:01G+DRB1*13:36	DRB1*01:03+DRB1*14:09		
DRB1*01:01:01G+DRB1*13:40	DRB1*01:03+DRB1*14:80	DRB1*01:20+DRB1*13:36	
DRB1*01:01:01G+DRB1*13:42	DRB1*01:20+DRB1*13:05:01G		
DRB1*01:01:01G+DRB1*13:43	DRB1*01:14+DRB1*13:20		
DRB1*01:01:01G+DRB1*13:45	DRB1*01:14+DRB1*13:23		
DRB1*01:01:01G+DRB1*13:48	DRB1*01:20+DRB1*13:38		
DRB1*01:01:01G+DRB1*13:52	DRB1*01:20+DRB1*13:97		
DRB1*01:01:01G+DRB1*13:53	DRB1*01:03+DRB1*14:06:01G		
DRB1*01:01:01G+DRB1*13:57	DRB1*01:18+DRB1*13:19		
DRB1*01:01:01G+DRB1*13:61	DRB1*01:04+DRB1*13:02:01	DRB1*01:11+DRB1*13:01:01G	
DRB1*01:01:01G+DRB1*13:66:01G	DRB1*01:10+DRB1*13:30	DRB1*01:18+DRB1*13:03:01G	
DRB1*01:01:01G+DRB1*13:79	DRB1*01:20+DRB1*13:39	DRB1*01:24+DRB1*13:78	
DRB1*01:01:01G+DRB1*13:81	DRB1*01:10+DRB1*13:58		
DRB1*01:01:01G+DRB1*13:82	DRB1*01:24+DRB1*13:25		
DRB1*01:01:01G+DRB1*13:83	DRB1*01:18+DRB1*13:08		
DRB1*01:01:01G+DRB1*13:89	DRB1*01:20+DRB1*13:03:01G		
DRB1*01:01:01G+DRB1*13:93	DRB1*01:18+DRB1*13:32		
DRB1*01:01:01G+DRB1*13:94	DRB1*01:20+DRB1*13:33:01		
DRB1*01:01:01G+DRB1*14:01:01G	DRB1*01:14+DRB1*14:23:01	DRB1*01:17+DRB1*14:32:02	DRB1*01:20+DRB1*14:07:01G
DRB1*01:01:01G+DRB1*14:01:02	DRB1*01:17+DRB1*14:32:01		
DRB1*01:01:01G+DRB1*14:04	DRB1*01:17+DRB1*14:31	DRB1*01:20+DRB1*14:68	
DRB1*01:01:01G+DRB1*14:05:01	DRB1*01:17+DRB1*14:100	DRB1*01:20+DRB1*14:44:01	
DRB1*01:01:01G+DRB1*14:05:03	DRB1*01:20+DRB1*14:44:02		
DRB1*01:01:01G+DRB1*14:06:01G	DRB1*01:20+DRB1*14:02		
DRB1*01:01:01G+DRB1*14:07:01G	DRB1*01:14+DRB1*14:14		
DRB1*01:01:01G+DRB1*14:08	DRB1*01:17+DRB1*14:34		
DRB1*01:01:01G+DRB1*14:02:01G	DRB1*01:20+DRB1*14:03:01		
DRB1*01:01:01G+DRB1*14:15	DRB1*01:20+DRB1*08:09		
DRB1*01:01:01G+DRB1*14:16	DRB1*01:14+DRB1*13:08		
DRB1*01:01:01G+DRB1*14:17	DRB1*01:18+DRB1*14:80	DRB1*01:20+DRB1*14:30	
DRB1*01:01:01G+DRB1*14:19	DRB1*01:10+DRB1*14:02		
DRB1*01:01:01G+DRB1*14:21	DRB1*01:10+DRB1*14:17		

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DRB1*01:01:01G+DRB1*14:23:01	DRB1*01:20+DRB1*14:14		
DRB1*01:01:01G+DRB1*14:23:02	DRB1*01:01:16+DRB1*14:23:01		
DRB1*01:01:01G+DRB1*14:24	DRB1*01:15+DRB1*14:02		
DRB1*01:01:01G+DRB1*14:25	DRB1*01:14+DRB1*13:07:01		
DRB1*01:01:01G+DRB1*14:30	DRB1*01:18+DRB1*14:09		
DRB1*01:01:01G+DRB1*14:33	DRB1*01:17+DRB1*14:17		
DRB1*01:01:01G+DRB1*14:35	DRB1*01:18+DRB1*14:01:01G		
DRB1*01:01:01G+DRB1*14:38	DRB1*01:11+DRB1*14:01:02		
DRB1*01:01:01G+DRB1*14:45	DRB1*01:24+DRB1*14:05:01		
DRB1*01:01:01G+DRB1*14:47	DRB1*01:11+DRB1*14:02		
DRB1*01:01:01G+DRB1*14:51	DRB1*01:17+DRB1*14:02		
DRB1*01:01:01G+DRB1*14:53	DRB1*01:14+DRB1*13:14:01G	DRB1*01:18+DRB1*14:25	
DRB1*01:01:01G+DRB1*14:60	DRB1*01:05+DRB1*14:01:01G		
DRB1*01:01:01G+DRB1*14:63	DRB1*01:24+DRB1*14:85		
DRB1*01:01:01G+DRB1*14:67	DRB1*01:24+DRB1*14:03:01		
DRB1*01:01:01G+DRB1*14:78	DRB1*01:20+DRB1*14:63		
DRB1*01:01:01G+DRB1*14:80	DRB1*01:20+DRB1*14:09		
DRB1*01:01:01G+DRB1*14:81	DRB1*01:29+DRB1*14:06:01G		
DRB1*01:01:01G+DRB1*14:98	DRB1*01:11+DRB1*14:03:01		
DRB1*01:01:01G+DRB1*15:01:01G	DRB1*01:01:18+DRB1*15:01:04	DRB1*01:18+DRB1*15:07	DRB1*01:20+DRB1*15:02:01
	DRB1*01:24+DRB1*15:05		
DRB1*01:01:01G+DRB1*15:01:03	DRB1*01:20+DRB1*15:02:06		
DRB1*01:01:01G+DRB1*15:01:04	DRB1*01:20+DRB1*15:02:02G		
DRB1*01:01:01G+DRB1*15:01:08	DRB1*01:01:12+DRB1*15:01:01G		
DRB1*01:01:01G+DRB1*15:01:09	DRB1*01:20+DRB1*15:02:04		
DRB1*01:01:01G+DRB1*15:01:10	DRB1*01:01:09+DRB1*15:01:01G	DRB1*01:20+DRB1*15:02:08	
DRB1*01:01:01G+DRB1*15:02:01	DRB1*01:01:18+DRB1*15:02:02G	DRB1*01:15+DRB1*15:27	DRB1*01:18+DRB1*15:11
	DRB1*01:24+DRB1*15:31		
DRB1*01:01:01G+DRB1*15:02:03	DRB1*01:01:04+DRB1*15:02:01		
DRB1*01:01:01G+DRB1*15:02:08	DRB1*01:01:09+DRB1*15:02:01		
DRB1*01:01:01G+DRB1*15:03:01G	DRB1*01:24+DRB1*15:23		
DRB1*01:01:01G+DRB1*15:04	DRB1*01:20+DRB1*15:15		
DRB1*01:01:01G+DRB1*15:05	DRB1*01:06+DRB1*15:27	DRB1*01:20+DRB1*15:31	
DRB1*01:01:01G+DRB1*15:07	DRB1*01:20+DRB1*15:11		
DRB1*01:01:01G+DRB1*15:09	DRB1*01:18+DRB1*15:48	DRB1*01:31+DRB1*15:01:01G	
DRB1*01:01:01G+DRB1*15:11	DRB1*01:15+DRB1*15:34		
DRB1*01:01:01G+DRB1*15:16	DRB1*01:05+DRB1*15:01:01G		
DRB1*01:01:01G+DRB1*15:20	DRB1*01:32+DRB1*15:01:01G		
DRB1*01:01:01G+DRB1*15:27	DRB1*01:18+DRB1*15:34		
DRB1*01:01:01G+DRB1*15:31	DRB1*01:09+DRB1*15:27		
DRB1*01:01:01G+DRB1*15:48	DRB1*01:31+DRB1*15:07		
DRB1*01:01:01G+DRB1*16:05:01	DRB1*01:24+DRB1*16:02:01		
DRB1*01:01:01G+DRB1*16:09	DRB1*01:18+DRB1*16:01:01		
DRB1*01:01:01G+DRB1*16:10	DRB1*01:18+DRB1*16:02:01		
DRB1*01:01:01G+DRB1*16:15	DRB1*01:20+DRB1*16:01:01		
DRB1*01:01:04+DRB1*15:01:01G	DRB1*01:20+DRB1*15:02:03		
DRB1*01:01:04+DRB1*15:02:08	DRB1*01:01:09+DRB1*15:02:03		
DRB1*01:01:07+DRB1*04:09	DRB1*01:10+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:10	DRB1*01:20+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:17:01G	DRB1*01:17+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:24	DRB1*01:29+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:28	DRB1*01:18+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:29	DRB1*01:28+DRB1*04:05:10		
DRB1*01:01:07+DRB1*04:90	DRB1*01:21+DRB1*04:05:10		
DRB1*01:01:07+DRB1*11:06:02	DRB1*01:02:05+DRB1*11:01:01G		
DRB1*01:01:07+DRB1*12:02:04	DRB1*01:02:05+DRB1*12:16		
DRB1*01:01:07+DRB1*13:33:02G	DRB1*01:11+DRB1*13:03:05		
DRB1*01:01:07+DRB1*13:66:01G	DRB1*01:18+DRB1*13:03:05		
DRB1*01:01:07+DRB1*13:89	DRB1*01:20+DRB1*13:03:05		
DRB1*01:01:09+DRB1*15:01:08	DRB1*01:01:12+DRB1*15:01:10		
DRB1*01:01:09+DRB1*15:09	DRB1*01:31+DRB1*15:01:10		
DRB1*01:01:09+DRB1*15:16	DRB1*01:05+DRB1*15:01:10		
DRB1*01:01:09+DRB1*15:20	DRB1*01:32+DRB1*15:01:10		
DRB1*01:01:12+DRB1*15:09	DRB1*01:31+DRB1*15:01:08		
DRB1*01:01:12+DRB1*15:16	DRB1*01:05+DRB1*15:01:08		
DRB1*01:01:12+DRB1*15:20	DRB1*01:32+DRB1*15:01:08		
DRB1*01:01:14+DRB1*08:06	DRB1*01:20+DRB1*08:01:02		
DRB1*01:01:14+DRB1*08:17	DRB1*01:18+DRB1*08:01:02		
DRB1*01:01:16+DRB1*03:10	DRB1*01:14+DRB1*03:01:06		
DRB1*01:01:16+DRB1*03:19	DRB1*01:24+DRB1*03:01:06		
DRB1*01:01:16+DRB1*03:34	DRB1*01:19+DRB1*03:01:06		
DRB1*01:01:16+DRB1*14:01:01G	DRB1*01:14+DRB1*14:23:02		
DRB1*01:01:16+DRB1*14:72	DRB1*01:18+DRB1*14:08		
DRB1*01:01:18+DRB1*04:01:01	DRB1*01:10+DRB1*04:08:02		
DRB1*01:01:18+DRB1*04:02	DRB1*01:03+DRB1*04:04:02		
DRB1*01:01:18+DRB1*04:07:01G	DRB1*01:17+DRB1*04:08:02		
DRB1*01:01:18+DRB1*04:13	DRB1*01:10+DRB1*04:04:02		
DRB1*01:01:18+DRB1*04:14	DRB1*01:03+DRB1*04:08:02		
DRB1*01:01:18+DRB1*04:22	DRB1*01:16+DRB1*04:04:02		
DRB1*01:01:18+DRB1*04:42	DRB1*01:18+DRB1*04:04:02		
DRB1*01:01:18+DRB1*04:43	DRB1*01:18+DRB1*04:08:02		
DRB1*01:01:18+DRB1*04:44	DRB1*01:04+DRB1*04:08:02	DRB1*01:11+DRB1*04:04:02	
DRB1*01:01:18+DRB1*04:56	DRB1*01:24+DRB1*04:04:02		
DRB1*01:01:18+DRB1*04:59	DRB1*01:18+DRB1*04:03:02		
DRB1*01:01:18+DRB1*04:78	DRB1*01:29+DRB1*04:06:04		
DRB1*01:01:18+DRB1*04:88	DRB1*01:24+DRB1*04:03:02		
DRB1*01:01:18+DRB1*13:61	DRB1*01:04+DRB1*13:02:03	DRB1*01:11+DRB1*13:01:05	
DRB1*01:01:18+DRB1*14:25	DRB1*01:14+DRB1*13:07:02		
DRB1*01:01:18+DRB1*14:53	DRB1*01:14+DRB1*13:14:02		
DRB1*01:02:01+DRB1*03:13:01	DRB1*01:26+DRB1*03:01:01G		
DRB1*01:02:01+DRB1*03:13:02	DRB1*01:26+DRB1*03:01:02		
DRB1*01:02:01+DRB1*04:01:03	DRB1*01:02:03+DRB1*04:01:01		
DRB1*01:02:01+DRB1*04:03:04	DRB1*01:02:04+DRB1*04:03:01G		
DRB1*01:02:01+DRB1*04:05:10	DRB1*01:02:05+DRB1*04:05:01G		
DRB1*01:02:01+DRB1*04:06:03	DRB1*01:02:04+DRB1*04:06:01G		
DRB1*01:02:01+DRB1*04:53	DRB1*01:23+DRB1*04:56		
DRB1*01:02:01+DRB1*08:30:02	DRB1*01:02:04+DRB1*08:30:01		
DRB1*01:02:01+DRB1*09:01:04	DRB1*01:02:03+DRB1*09:01:02		
DRB1*01:02:01+DRB1*11:01:12	DRB1*01:02:03+DRB1*11:01:01G		
DRB1*01:02:01+DRB1*11:04:01G	DRB1*01:20+DRB1*11:06:02		
DRB1*01:02:01+DRB1*11:04:04	DRB1*01:02:03+DRB1*11:04:01G		
DRB1*01:02:01+DRB1*11:12:02	DRB1*01:02:03+DRB1*11:12:01		
DRB1*01:02:01+DRB1*11:27:01	DRB1*01:11+DRB1*11:06:02		
DRB1*01:02:01+DRB1*11:28:02	DRB1*01:02:03+DRB1*11:28:01		
DRB1*01:02:01+DRB1*11:58:01	DRB1*01:02:03+DRB1*11:58:02		

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DRB1*01:02:01+DRB1*11:66	DRB1*01:28+DRB1*11:06:02		
DRB1*01:02:01+DRB1*11:84	DRB1*01:04+DRB1*11:06:02		
DRB1*01:02:01+DRB1*11:93	DRB1*01:10+DRB1*11:06:02		
DRB1*01:02:01+DRB1*12:02:05	DRB1*01:02:05+DRB1*12:02:01		
DRB1*01:02:01+DRB1*12:03:02	DRB1*01:20+DRB1*12:01:01G		
DRB1*01:02:01+DRB1*12:22	DRB1*01:11+DRB1*12:01:01G		
DRB1*01:02:01+DRB1*13:01:06	DRB1*01:02:04+DRB1*13:01:01G		
DRB1*01:02:01+DRB1*13:03:05	DRB1*01:02:05+DRB1*13:03:01G		
DRB1*01:02:01+DRB1*13:39	DRB1*01:26+DRB1*13:02:01		
DRB1*01:02:01+DRB1*13:50:02	DRB1*01:02:03+DRB1*13:50:01		
DRB1*01:02:01+DRB1*13:78	DRB1*01:26+DRB1*13:20		
DRB1*01:02:01+DRB1*13:79	DRB1*01:26+DRB1*13:01:01G		
DRB1*01:02:01+DRB1*13:100	DRB1*01:26+DRB1*13:46		
DRB1*01:02:01+DRB1*14:01:02	DRB1*01:20+DRB1*14:99		
DRB1*01:02:01+DRB1*14:05:01	DRB1*01:02:04+DRB1*14:05:02		
DRB1*01:02:01+DRB1*14:23:03	DRB1*01:02:04+DRB1*14:23:01		
DRB1*01:02:01+DRB1*14:38	DRB1*01:04+DRB1*14:99		
DRB1*01:02:01+DRB1*14:50	DRB1*01:04+DRB1*14:28		
DRB1*01:02:01+DRB1*15:38	DRB1*01:26+DRB1*15:02:02G		
DRB1*01:02:01+DRB1*16:02:01	DRB1*01:23+DRB1*15:34		
DRB1*01:02:01+DRB1*16:10	DRB1*01:23+DRB1*15:27		
DRB1*01:02:04+DRB1*13:79	DRB1*01:26+DRB1*13:01:06		
DRB1*01:03+DRB1*03:01:01G	DRB1*01:16+DRB1*13:27		
DRB1*01:03+DRB1*03:03	DRB1*01:16+DRB1*13:53		
DRB1*01:03+DRB1*03:05:01G	DRB1*01:16+DRB1*13:41		
DRB1*01:03+DRB1*03:07	DRB1*01:16+DRB1*13:01:01G		
DRB1*01:03+DRB1*03:21	DRB1*01:16+DRB1*13:83		
DRB1*01:03+DRB1*03:40	DRB1*01:16+DRB1*13:23		
DRB1*01:03+DRB1*04:01:01	DRB1*01:10+DRB1*04:14		
DRB1*01:03+DRB1*04:03:01G	DRB1*01:17+DRB1*04:02		
DRB1*01:03+DRB1*04:07:01G	DRB1*01:17+DRB1*04:14		
DRB1*01:03+DRB1*04:13	DRB1*01:10+DRB1*04:02		
DRB1*01:03+DRB1*04:22	DRB1*01:16+DRB1*04:02		
DRB1*01:03+DRB1*04:42	DRB1*01:18+DRB1*04:02		
DRB1*01:03+DRB1*04:43	DRB1*01:18+DRB1*04:14		
DRB1*01:03+DRB1*04:44	DRB1*01:04+DRB1*04:14	DRB1*01:11+DRB1*04:02	
DRB1*01:03+DRB1*04:56	DRB1*01:24+DRB1*04:02		
DRB1*01:03+DRB1*11:07	DRB1*01:16+DRB1*11:02:01		
DRB1*01:03+DRB1*11:69	DRB1*01:15+DRB1*11:11:01G		
DRB1*01:03+DRB1*11:79	DRB1*01:10+DRB1*11:14:01G		
DRB1*01:03+DRB1*11:82	DRB1*01:15+DRB1*11:14:01G		
DRB1*01:03+DRB1*13:09	DRB1*01:15+DRB1*13:01:01G		
DRB1*01:03+DRB1*14:21	DRB1*01:10+DRB1*13:01:01G		
DRB1*01:03+DRB1*14:23:01	DRB1*01:29+DRB1*13:76		
DRB1*01:03+DRB1*14:32:01	DRB1*01:29+DRB1*14:16		
DRB1*01:03+DRB1*14:33	DRB1*01:17+DRB1*13:01:01G		
DRB1*01:03+DRB1*14:37	DRB1*01:15+DRB1*13:72		
DRB1*01:03+DRB1*14:81	DRB1*01:29+DRB1*13:53		
DRB1*01:03+DRB1*15:01:01G	DRB1*01:15+DRB1*15:10		
DRB1*01:03+DRB1*15:05	DRB1*01:09+DRB1*15:10		
DRB1*01:03+DRB1*15:25	DRB1*01:16+DRB1*15:10		
DRB1*01:04+DRB1*01:09	DRB1*01:06+DRB1*01:11		
DRB1*01:04+DRB1*03:02:01	DRB1*01:11+DRB1*03:03		
DRB1*01:04+DRB1*03:05:01G	DRB1*01:11+DRB1*03:01:01G		
DRB1*01:04+DRB1*03:05:03	DRB1*01:11+DRB1*03:01:02		
DRB1*01:04+DRB1*03:09	DRB1*01:11+DRB1*03:23		
DRB1*01:04+DRB1*03:15	DRB1*01:20+DRB1*03:01:02		
DRB1*01:04+DRB1*04:01:01	DRB1*01:10+DRB1*04:44	DRB1*01:11+DRB1*04:13	DRB1*01:20+DRB1*04:72:02
DRB1*01:04+DRB1*04:04:01	DRB1*01:20+DRB1*04:44		
DRB1*01:04+DRB1*04:05:01G	DRB1*01:11+DRB1*04:10		
DRB1*01:04+DRB1*04:07:01G	DRB1*01:11+DRB1*04:03:01G	DRB1*01:17+DRB1*04:44	DRB1*01:20+DRB1*04:74
DRB1*01:04+DRB1*04:09	DRB1*01:11+DRB1*04:67		
DRB1*01:04+DRB1*04:17:01G	DRB1*01:11+DRB1*04:11		
DRB1*01:04+DRB1*04:19	DRB1*01:11+DRB1*04:68		
DRB1*01:04+DRB1*04:20	DRB1*01:11+DRB1*04:06:01G		
DRB1*01:04+DRB1*04:31	DRB1*01:11+DRB1*04:55		
DRB1*01:04+DRB1*04:43	DRB1*01:11+DRB1*04:42	DRB1*01:18+DRB1*04:44	
DRB1*01:04+DRB1*04:54	DRB1*01:11+DRB1*04:25		
DRB1*01:04+DRB1*04:86	DRB1*01:11+DRB1*04:12		
DRB1*01:04+DRB1*07:11	DRB1*01:20+DRB1*07:04		
DRB1*01:04+DRB1*08:01:01G	DRB1*01:11+DRB1*08:06		
DRB1*01:04+DRB1*08:02:01G	DRB1*01:11+DRB1*08:04:01G		
DRB1*01:04+DRB1*08:03:02	DRB1*01:11+DRB1*08:10		
DRB1*01:04+DRB1*08:09	DRB1*01:11+DRB1*14:15		
DRB1*01:04+DRB1*08:41	DRB1*01:11+DRB1*08:31		
DRB1*01:04+DRB1*09:01:02	DRB1*01:11+DRB1*09:06		
DRB1*01:04+DRB1*10:01:01	DRB1*01:11+DRB1*10:02		
DRB1*01:04+DRB1*11:01:04	DRB1*01:11+DRB1*11:04:05		
DRB1*01:04+DRB1*11:01:05	DRB1*01:11+DRB1*11:04:03		
DRB1*01:04+DRB1*11:01:12	DRB1*01:11+DRB1*11:04:04		
DRB1*01:04+DRB1*11:04:01G	DRB1*01:20+DRB1*11:84		
DRB1*01:04+DRB1*11:08:01G	DRB1*01:11+DRB1*11:42		
DRB1*01:04+DRB1*11:11:01G	DRB1*01:11+DRB1*11:03		
DRB1*01:04+DRB1*11:14:01G	DRB1*01:11+DRB1*11:02:01		
DRB1*01:04+DRB1*11:19:01	DRB1*01:11+DRB1*11:18		
DRB1*01:04+DRB1*11:20	DRB1*01:11+DRB1*11:16		
DRB1*01:04+DRB1*11:23	DRB1*01:11+DRB1*11:25		
DRB1*01:04+DRB1*11:26	DRB1*01:11+DRB1*11:34		
DRB1*01:04+DRB1*11:27:01	DRB1*01:11+DRB1*11:84		
DRB1*01:04+DRB1*11:28:01	DRB1*01:11+DRB1*11:58:02		
DRB1*01:04+DRB1*11:28:02	DRB1*01:11+DRB1*11:58:01		
DRB1*01:04+DRB1*11:33	DRB1*01:11+DRB1*11:35		
DRB1*01:04+DRB1*11:37	DRB1*01:11+DRB1*11:56		
DRB1*01:04+DRB1*11:39	DRB1*01:11+DRB1*11:43		
DRB1*01:04+DRB1*11:49	DRB1*01:11+DRB1*11:44		
DRB1*01:04+DRB1*11:66	DRB1*01:28+DRB1*11:84		
DRB1*01:04+DRB1*11:68	DRB1*01:11+DRB1*11:36		
DRB1*01:04+DRB1*11:72	DRB1*01:11+DRB1*11:92		
DRB1*01:04+DRB1*11:93	DRB1*01:10+DRB1*11:84		
DRB1*01:04+DRB1*13:01:01G	DRB1*01:20+DRB1*13:61		
DRB1*01:04+DRB1*13:03:01G	DRB1*01:11+DRB1*13:89	DRB1*01:20+DRB1*13:33:02G	
DRB1*01:04+DRB1*13:05:01G	DRB1*01:11+DRB1*13:42		
DRB1*01:04+DRB1*13:14:01G	DRB1*01:11+DRB1*13:11:01		
DRB1*01:04+DRB1*13:14:02	DRB1*01:11+DRB1*13:11:02		
DRB1*01:04+DRB1*13:23	DRB1*01:11+DRB1*13:22		

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DRB1*01:04+DRB1*13:29	DRB1*01:11+DRB1*13:20	
DRB1*01:04+DRB1*13:33:01	DRB1*01:11+DRB1*13:94	
DRB1*01:04+DRB1*13:36	DRB1*01:11+DRB1*13:40	
DRB1*01:04+DRB1*13:38	DRB1*01:11+DRB1*13:48	
DRB1*01:04+DRB1*13:39	DRB1*01:11+DRB1*13:79	
DRB1*01:04+DRB1*13:41	DRB1*01:11+DRB1*13:27	
DRB1*01:04+DRB1*13:47	DRB1*01:11+DRB1*08:20	
DRB1*01:04+DRB1*13:65	DRB1*01:11+DRB1*13:32	
DRB1*01:04+DRB1*13:97	DRB1*01:11+DRB1*13:52	
DRB1*01:04+DRB1*14:01:02	DRB1*01:20+DRB1*14:38	
DRB1*01:04+DRB1*14:02	DRB1*01:11+DRB1*14:06:01G	DRB1*01:20+DRB1*14:47
DRB1*01:04+DRB1*14:03:01	DRB1*01:11+DRB1*14:02:01G	DRB1*01:20+DRB1*14:98
DRB1*01:04+DRB1*14:07:01G	DRB1*01:11+DRB1*14:01:01G	
DRB1*01:04+DRB1*14:09	DRB1*01:11+DRB1*14:80	
DRB1*01:04+DRB1*14:14	DRB1*01:11+DRB1*14:23:01	
DRB1*01:04+DRB1*14:30	DRB1*01:11+DRB1*14:17	
DRB1*01:04+DRB1*14:44:01	DRB1*01:11+DRB1*14:05:01	
DRB1*01:04+DRB1*14:44:02	DRB1*01:11+DRB1*14:05:03	
DRB1*01:04+DRB1*14:63	DRB1*01:11+DRB1*14:78	
DRB1*01:04+DRB1*14:68	DRB1*01:11+DRB1*14:04	
DRB1*01:04+DRB1*15:02:01	DRB1*01:11+DRB1*15:01:01G	
DRB1*01:04+DRB1*15:02:02G	DRB1*01:11+DRB1*15:01:04	
DRB1*01:04+DRB1*15:02:04	DRB1*01:11+DRB1*15:01:09	
DRB1*01:04+DRB1*15:02:06	DRB1*01:11+DRB1*15:01:03	
DRB1*01:04+DRB1*15:02:08	DRB1*01:11+DRB1*15:01:10	
DRB1*01:04+DRB1*15:11	DRB1*01:11+DRB1*15:07	
DRB1*01:04+DRB1*15:15	DRB1*01:11+DRB1*15:04	
DRB1*01:04+DRB1*15:31	DRB1*01:11+DRB1*15:05	
DRB1*01:04+DRB1*16:01:01	DRB1*01:11+DRB1*16:15	
DRB1*01:05+DRB1*08:10	DRB1*01:20+DRB1*08:23	
DRB1*01:05+DRB1*08:37	DRB1*01:18+DRB1*08:23	
DRB1*01:05+DRB1*14:35	DRB1*01:18+DRB1*14:60	
DRB1*01:05+DRB1*15:09	DRB1*01:31+DRB1*15:16	
DRB1*01:05+DRB1*15:20	DRB1*01:32+DRB1*15:16	
DRB1*01:06+DRB1*01:24	DRB1*01:15+DRB1*01:20	
DRB1*01:06+DRB1*03:02:01	DRB1*01:09+DRB1*03:03	
DRB1*01:06+DRB1*03:05:01G	DRB1*01:09+DRB1*03:01:01G	
DRB1*01:06+DRB1*03:05:03	DRB1*01:09+DRB1*03:01:02	
DRB1*01:06+DRB1*03:09	DRB1*01:09+DRB1*03:23	
DRB1*01:06+DRB1*03:14	DRB1*01:09+DRB1*03:15	
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DRB1*01:06+DRB1*04:05:01G	DRB1*01:09+DRB1*04:10	
DRB1*01:06+DRB1*04:07:01G	DRB1*01:09+DRB1*04:03:01G	
DRB1*01:06+DRB1*04:08:01	DRB1*01:09+DRB1*04:04:01	
DRB1*01:06+DRB1*04:08:02	DRB1*01:09+DRB1*04:04:02	
DRB1*01:06+DRB1*04:09	DRB1*01:09+DRB1*04:67	
DRB1*01:06+DRB1*04:14	DRB1*01:09+DRB1*04:02	DRB1*01:15+DRB1*04:37
DRB1*01:06+DRB1*04:17:01G	DRB1*01:09+DRB1*04:11	
DRB1*01:06+DRB1*04:19	DRB1*01:09+DRB1*04:68	
DRB1*01:06+DRB1*04:20	DRB1*01:09+DRB1*04:06:01G	
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DRB1*01:06+DRB1*04:38	DRB1*01:15+DRB1*04:13	
DRB1*01:06+DRB1*04:43	DRB1*01:09+DRB1*04:42	
DRB1*01:06+DRB1*04:54	DRB1*01:09+DRB1*04:25	
DRB1*01:06+DRB1*04:86	DRB1*01:09+DRB1*04:12	
DRB1*01:06+DRB1*08:01:01G	DRB1*01:09+DRB1*08:06	
DRB1*01:06+DRB1*08:02:01G	DRB1*01:09+DRB1*08:04:01G	
DRB1*01:06+DRB1*08:03:02	DRB1*01:09+DRB1*08:10	
DRB1*01:06+DRB1*08:09	DRB1*01:09+DRB1*14:15	
DRB1*01:06+DRB1*08:41	DRB1*01:09+DRB1*08:31	
DRB1*01:06+DRB1*09:01:02	DRB1*01:09+DRB1*09:06	
DRB1*01:06+DRB1*10:01:01	DRB1*01:09+DRB1*10:02	
DRB1*01:06+DRB1*11:01:01G	DRB1*01:09+DRB1*11:04:01G	
DRB1*01:06+DRB1*11:01:04	DRB1*01:09+DRB1*11:04:05	
DRB1*01:06+DRB1*11:01:05	DRB1*01:09+DRB1*11:04:03	
DRB1*01:06+DRB1*11:01:12	DRB1*01:09+DRB1*11:04:04	
DRB1*01:06+DRB1*11:08:01G	DRB1*01:09+DRB1*11:42	
DRB1*01:06+DRB1*11:11:01G	DRB1*01:09+DRB1*11:03	
DRB1*01:06+DRB1*11:14:01G	DRB1*01:09+DRB1*11:02:01	DRB1*01:15+DRB1*11:36
DRB1*01:06+DRB1*11:19:01	DRB1*01:09+DRB1*11:18	DRB1*01:15+DRB1*11:42
DRB1*01:06+DRB1*11:20	DRB1*01:09+DRB1*11:16	
DRB1*01:06+DRB1*11:23	DRB1*01:09+DRB1*11:25	
DRB1*01:06+DRB1*11:26	DRB1*01:09+DRB1*11:34	
DRB1*01:06+DRB1*11:27:01	DRB1*01:09+DRB1*11:84	
DRB1*01:06+DRB1*11:28:01	DRB1*01:09+DRB1*11:58:02	
DRB1*01:06+DRB1*11:28:02	DRB1*01:09+DRB1*11:58:01	
DRB1*01:06+DRB1*11:33	DRB1*01:09+DRB1*11:35	
DRB1*01:06+DRB1*11:37	DRB1*01:09+DRB1*11:56	
DRB1*01:06+DRB1*11:39	DRB1*01:09+DRB1*11:43	
DRB1*01:06+DRB1*11:49	DRB1*01:09+DRB1*11:44	
DRB1*01:06+DRB1*11:68	DRB1*01:09+DRB1*11:36	
DRB1*01:06+DRB1*11:72	DRB1*01:09+DRB1*11:92	
DRB1*01:06+DRB1*13:02:01	DRB1*01:09+DRB1*13:01:01G	DRB1*01:15+DRB1*13:20
DRB1*01:06+DRB1*13:02:03	DRB1*01:09+DRB1*13:01:05	
DRB1*01:06+DRB1*13:03:01G	DRB1*01:09+DRB1*13:89	
DRB1*01:06+DRB1*13:05:01G	DRB1*01:09+DRB1*13:42	
DRB1*01:06+DRB1*13:14:01G	DRB1*01:09+DRB1*13:11:01	
DRB1*01:06+DRB1*13:14:02	DRB1*01:09+DRB1*13:11:02	
DRB1*01:06+DRB1*13:23	DRB1*01:09+DRB1*13:22	
DRB1*01:06+DRB1*13:29	DRB1*01:09+DRB1*13:20	
DRB1*01:06+DRB1*13:33:01	DRB1*01:09+DRB1*13:94	
DRB1*01:06+DRB1*13:36	DRB1*01:09+DRB1*13:40	
DRB1*01:06+DRB1*13:38	DRB1*01:09+DRB1*13:48	
DRB1*01:06+DRB1*13:39	DRB1*01:09+DRB1*13:79	DRB1*01:15+DRB1*13:78
DRB1*01:06+DRB1*13:41	DRB1*01:09+DRB1*13:27	DRB1*01:15+DRB1*13:71
DRB1*01:06+DRB1*13:47	DRB1*01:09+DRB1*08:20	
DRB1*01:06+DRB1*13:65	DRB1*01:09+DRB1*13:32	
DRB1*01:06+DRB1*13:97	DRB1*01:09+DRB1*13:52	
DRB1*01:06+DRB1*14:02	DRB1*01:09+DRB1*14:06:01G	
DRB1*01:06+DRB1*14:03:01	DRB1*01:09+DRB1*14:02:01G	
DRB1*01:06+DRB1*14:07:01G	DRB1*01:09+DRB1*14:01:01G	
DRB1*01:06+DRB1*14:09	DRB1*01:09+DRB1*14:80	
DRB1*01:06+DRB1*14:14	DRB1*01:09+DRB1*14:23:01	
DRB1*01:06+DRB1*14:30	DRB1*01:09+DRB1*14:17	
DRB1*01:06+DRB1*14:44:01	DRB1*01:09+DRB1*14:05:01	

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DRB1*01:06+DRB1*14:44:02	DRB1*01:09+DRB1*14:05:03	
DRB1*01:06+DRB1*14:63	DRB1*01:09+DRB1*14:78	
DRB1*01:06+DRB1*14:67	DRB1*01:15+DRB1*14:02:01G	
DRB1*01:06+DRB1*14:68	DRB1*01:09+DRB1*14:04	
DRB1*01:06+DRB1*15:02:01	DRB1*01:09+DRB1*15:01:01G	DRB1*01:15+DRB1*15:05
DRB1*01:06+DRB1*15:02:02G	DRB1*01:09+DRB1*15:01:04	
DRB1*01:06+DRB1*15:02:04	DRB1*01:09+DRB1*15:01:09	
DRB1*01:06+DRB1*15:02:06	DRB1*01:09+DRB1*15:01:03	
DRB1*01:06+DRB1*15:02:08	DRB1*01:09+DRB1*15:01:10	
DRB1*01:06+DRB1*15:11	DRB1*01:09+DRB1*15:07	
DRB1*01:06+DRB1*15:15	DRB1*01:09+DRB1*15:04	
DRB1*01:06+DRB1*15:31	DRB1*01:09+DRB1*15:05	
DRB1*01:06+DRB1*16:01:01	DRB1*01:09+DRB1*16:15	
DRB1*01:08+DRB1*04:78	DRB1*01:29+DRB1*04:03:01G	
DRB1*01:09+DRB1*03:19	DRB1*01:15+DRB1*03:01:01G	
DRB1*01:09+DRB1*04:18	DRB1*01:15+DRB1*04:58	
DRB1*01:09+DRB1*04:38	DRB1*01:15+DRB1*04:01:01	
DRB1*01:09+DRB1*04:56	DRB1*01:15+DRB1*04:04:01	
DRB1*01:09+DRB1*04:88	DRB1*01:15+DRB1*04:03:01G	
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DRB1*01:09+DRB1*11:14:01G	DRB1*01:15+DRB1*11:68	
DRB1*01:09+DRB1*11:19:01	DRB1*01:15+DRB1*11:08:01G	
DRB1*01:09+DRB1*11:45	DRB1*01:15+DRB1*11:64	
DRB1*01:09+DRB1*12:01:01G	DRB1*01:15+DRB1*12:12	
DRB1*01:09+DRB1*13:02:01	DRB1*01:15+DRB1*13:29	
DRB1*01:09+DRB1*13:03:01G	DRB1*01:15+DRB1*13:88	
DRB1*01:09+DRB1*13:82	DRB1*01:15+DRB1*13:25	
DRB1*01:09+DRB1*14:45	DRB1*01:15+DRB1*14:05:01	
DRB1*01:09+DRB1*14:63	DRB1*01:15+DRB1*14:85	
DRB1*01:09+DRB1*14:67	DRB1*01:15+DRB1*14:03:01	
DRB1*01:09+DRB1*15:02:01	DRB1*01:15+DRB1*15:31	
DRB1*01:09+DRB1*15:03:01G	DRB1*01:15+DRB1*15:23	
DRB1*01:09+DRB1*15:25	DRB1*01:16+DRB1*15:05	
DRB1*01:09+DRB1*16:05:01	DRB1*01:15+DRB1*16:02:01	
DRB1*01:10+DRB1*03:02:01	DRB1*01:16+DRB1*14:19	
DRB1*01:10+DRB1*03:07	DRB1*01:16+DRB1*14:21	
DRB1*01:10+DRB1*04:03:01G	DRB1*01:17+DRB1*04:13	
DRB1*01:10+DRB1*04:07:01G	DRB1*01:17+DRB1*04:01:01	
DRB1*01:10+DRB1*04:11	DRB1*01:17+DRB1*04:67	
DRB1*01:10+DRB1*04:17:01G	DRB1*01:17+DRB1*04:09	
DRB1*01:10+DRB1*04:20	DRB1*01:17+DRB1*04:21	
DRB1*01:10+DRB1*04:22	DRB1*01:16+DRB1*04:13	
DRB1*01:10+DRB1*04:24	DRB1*01:29+DRB1*04:09	
DRB1*01:10+DRB1*04:28	DRB1*01:18+DRB1*04:09	
DRB1*01:10+DRB1*04:29	DRB1*01:28+DRB1*04:09	
DRB1*01:10+DRB1*04:42	DRB1*01:18+DRB1*04:13	DRB1*01:20+DRB1*04:35
DRB1*01:10+DRB1*04:56	DRB1*01:20+DRB1*04:38	DRB1*01:24+DRB1*04:13
DRB1*01:10+DRB1*04:68	DRB1*01:20+DRB1*04:21	
DRB1*01:10+DRB1*04:74	DRB1*01:17+DRB1*04:72:02	
DRB1*01:10+DRB1*04:90	DRB1*01:21+DRB1*04:09	
DRB1*01:10+DRB1*08:29	DRB1*01:17+DRB1*08:40	
DRB1*01:10+DRB1*11:04:01G	DRB1*01:20+DRB1*11:93	
DRB1*01:10+DRB1*11:18	DRB1*01:20+DRB1*11:73	
DRB1*01:10+DRB1*11:27:01	DRB1*01:11+DRB1*11:93	
DRB1*01:10+DRB1*11:34	DRB1*01:20+DRB1*11:79	
DRB1*01:10+DRB1*11:66	DRB1*01:28+DRB1*11:93	
DRB1*01:10+DRB1*11:82	DRB1*01:15+DRB1*11:79	
DRB1*01:10+DRB1*13:09	DRB1*01:15+DRB1*14:21	
DRB1*01:10+DRB1*13:82	DRB1*01:18+DRB1*13:37	
DRB1*01:10+DRB1*14:06:01G	DRB1*01:20+DRB1*14:19	
DRB1*01:10+DRB1*14:24	DRB1*01:15+DRB1*14:19	
DRB1*01:10+DRB1*14:33	DRB1*01:17+DRB1*14:21	
DRB1*01:10+DRB1*14:47	DRB1*01:11+DRB1*14:19	
DRB1*01:10+DRB1*14:51	DRB1*01:17+DRB1*14:19	
DRB1*01:11+DRB1*03:02:01	DRB1*01:16+DRB1*14:47	
DRB1*01:11+DRB1*04:22	DRB1*01:16+DRB1*04:44	
DRB1*01:11+DRB1*04:35	DRB1*01:18+DRB1*04:72:02	
DRB1*01:11+DRB1*04:38	DRB1*01:24+DRB1*04:72:02	
DRB1*01:11+DRB1*04:56	DRB1*01:24+DRB1*04:44	
DRB1*01:11+DRB1*04:62	DRB1*01:14+DRB1*04:72:02	
DRB1*01:11+DRB1*07:01:01G	DRB1*01:21+DRB1*07:04	
DRB1*01:11+DRB1*11:54:02	DRB1*01:17+DRB1*11:84	
DRB1*01:11+DRB1*11:66	DRB1*01:28+DRB1*11:27:01	
DRB1*01:11+DRB1*12:03:02	DRB1*01:20+DRB1*12:22	
DRB1*01:11+DRB1*13:66:01G	DRB1*01:18+DRB1*13:33:02G	
DRB1*01:11+DRB1*14:24	DRB1*01:15+DRB1*14:47	
DRB1*01:11+DRB1*14:51	DRB1*01:17+DRB1*14:47	
DRB1*01:11+DRB1*14:67	DRB1*01:24+DRB1*14:98	
DRB1*01:14+DRB1*03:19	DRB1*01:24+DRB1*03:10	
DRB1*01:14+DRB1*03:34	DRB1*01:19+DRB1*03:10	
DRB1*01:14+DRB1*04:13	DRB1*01:20+DRB1*04:62	
DRB1*01:14+DRB1*04:35	DRB1*01:18+DRB1*04:62	
DRB1*01:14+DRB1*04:38	DRB1*01:24+DRB1*04:62	
DRB1*01:14+DRB1*08:04:01G	DRB1*01:20+DRB1*08:08	
DRB1*01:14+DRB1*13:01:01G	DRB1*01:24+DRB1*13:43	
DRB1*01:14+DRB1*13:11:01	DRB1*01:20+DRB1*14:53	
DRB1*01:14+DRB1*13:22	DRB1*01:20+DRB1*13:45	
DRB1*01:14+DRB1*13:25	DRB1*01:18+DRB1*14:69	
DRB1*01:14+DRB1*13:83	DRB1*01:18+DRB1*14:16	
DRB1*01:14+DRB1*14:20	DRB1*01:20+DRB1*14:49	
DRB1*01:15+DRB1*03:02:01	DRB1*01:16+DRB1*14:24	
DRB1*01:15+DRB1*03:07	DRB1*01:16+DRB1*13:09	
DRB1*01:15+DRB1*04:03:02	DRB1*01:17+DRB1*04:73	
DRB1*01:15+DRB1*11:34	DRB1*01:20+DRB1*11:82	
DRB1*01:15+DRB1*14:06:01G	DRB1*01:20+DRB1*14:24	
DRB1*01:15+DRB1*14:33	DRB1*01:17+DRB1*13:09	
DRB1*01:15+DRB1*14:51	DRB1*01:17+DRB1*14:24	
DRB1*01:15+DRB1*15:25	DRB1*01:16+DRB1*15:01:01G	
DRB1*01:16+DRB1*04:03:01G	DRB1*01:17+DRB1*04:22	
DRB1*01:16+DRB1*04:42	DRB1*01:18+DRB1*04:22	
DRB1*01:16+DRB1*04:56	DRB1*01:24+DRB1*04:22	
DRB1*01:16+DRB1*13:44	DRB1*01:20+DRB1*03:40	
DRB1*01:16+DRB1*14:33	DRB1*01:17+DRB1*03:07	
DRB1*01:16+DRB1*14:51	DRB1*01:17+DRB1*03:02:01	
DRB1*01:16+DRB1*14:81	DRB1*01:29+DRB1*03:03	

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DRB1*01:17+DRB1*04:04:04	DRB1*01:20+DRB1*04:07:04		
DRB1*01:17+DRB1*04:24	DRB1*01:29+DRB1*04:17:01G		
DRB1*01:17+DRB1*04:28	DRB1*01:18+DRB1*04:17:01G		
DRB1*01:17+DRB1*04:29	DRB1*01:28+DRB1*04:17:01G		
DRB1*01:17+DRB1*04:43	DRB1*01:18+DRB1*04:07:01G		
DRB1*01:17+DRB1*04:90	DRB1*01:21+DRB1*04:17:01G		
DRB1*01:17+DRB1*11:13:01G	DRB1*01:18+DRB1*11:17		
DRB1*01:17+DRB1*14:06:01G	DRB1*01:20+DRB1*14:51		
DRB1*01:18+DRB1*03:03	DRB1*01:20+DRB1*03:29		
DRB1*01:18+DRB1*04:10	DRB1*01:20+DRB1*04:28		
DRB1*01:18+DRB1*04:24	DRB1*01:29+DRB1*04:28		
DRB1*01:18+DRB1*04:29	DRB1*01:28+DRB1*04:28		
DRB1*01:18+DRB1*04:38	DRB1*01:24+DRB1*04:35		
DRB1*01:18+DRB1*04:56	DRB1*01:24+DRB1*04:42		
DRB1*01:18+DRB1*04:88	DRB1*01:24+DRB1*04:59		
DRB1*01:18+DRB1*04:90	DRB1*01:21+DRB1*04:28		
DRB1*01:18+DRB1*08:06	DRB1*01:20+DRB1*08:17		
DRB1*01:18+DRB1*08:10	DRB1*01:20+DRB1*08:37		
DRB1*01:18+DRB1*11:83	DRB1*01:20+DRB1*11:87		
DRB1*01:18+DRB1*11:88	DRB1*01:31+DRB1*11:04:01G		
DRB1*01:18+DRB1*13:89	DRB1*01:20+DRB1*13:66:01G		
DRB1*01:18+DRB1*16:05:01	DRB1*01:24+DRB1*16:10		
DRB1*01:18+DRB1*16:15	DRB1*01:20+DRB1*16:09		
DRB1*01:19+DRB1*03:19	DRB1*01:24+DRB1*03:34		
DRB1*01:20+DRB1*04:24	DRB1*01:29+DRB1*04:10		
DRB1*01:20+DRB1*04:29	DRB1*01:28+DRB1*04:10		
DRB1*01:20+DRB1*04:90	DRB1*01:21+DRB1*04:10		
DRB1*01:20+DRB1*11:66	DRB1*01:28+DRB1*11:04:01G		
DRB1*01:20+DRB1*14:67	DRB1*01:24+DRB1*14:02:01G		
DRB1*01:21+DRB1*04:24	DRB1*01:29+DRB1*04:90		
DRB1*01:21+DRB1*04:29	DRB1*01:28+DRB1*04:90		
DRB1*01:28+DRB1*04:24	DRB1*01:29+DRB1*04:29		
DRB1*01:31+DRB1*15:20	DRB1*01:32+DRB1*15:09		
DRB1*03:01:01G+DRB1*03:02:01	DRB1*03:03+DRB1*03:05:01G	DRB1*03:06+DRB1*03:29	
DRB1*03:01:01G+DRB1*03:02:02	DRB1*03:01:02+DRB1*03:02:01	DRB1*03:03+DRB1*03:05:03	
DRB1*03:01:01G+DRB1*03:05:03	DRB1*03:01:02+DRB1*03:05:01G		
DRB1*03:01:01G+DRB1*03:09	DRB1*03:05:01G+DRB1*03:23		
DRB1*03:01:01G+DRB1*03:11:02	DRB1*03:01:02+DRB1*03:11:01		
DRB1*03:01:01G+DRB1*03:13:02	DRB1*03:01:02+DRB1*03:13:01		
DRB1*03:01:01G+DRB1*03:14	DRB1*03:05:01G+DRB1*03:15		
DRB1*03:01:01G+DRB1*03:21	DRB1*03:07+DRB1*03:30		
DRB1*03:01:01G+DRB1*03:24	DRB1*03:07+DRB1*03:11:02		
DRB1*03:01:01G+DRB1*03:26	DRB1*03:06+DRB1*03:33		
DRB1*03:01:01G+DRB1*03:27	DRB1*03:02:01+DRB1*03:11:02	DRB1*03:02:02+DRB1*03:11:01	
DRB1*03:01:01G+DRB1*03:31	DRB1*03:06+DRB1*03:25		
DRB1*03:01:01G+DRB1*03:41	DRB1*03:06+DRB1*03:40		
DRB1*03:01:01G+DRB1*03:44	DRB1*03:25+DRB1*03:33		
DRB1*03:01:01G+DRB1*04:01:01	DRB1*03:05:01G+DRB1*04:13	DRB1*03:06+DRB1*04:35	DRB1*03:15+DRB1*04:72:01
DRB1*03:01:01G+DRB1*04:02	DRB1*03:19+DRB1*04:37	DRB1*04:22+DRB1*13:27	
DRB1*03:01:01G+DRB1*04:03:01G	DRB1*03:06+DRB1*04:59	DRB1*03:25+DRB1*04:41	
DRB1*03:01:01G+DRB1*04:04:01	DRB1*03:06+DRB1*04:42		
DRB1*03:01:01G+DRB1*04:05:01G	DRB1*03:05:01G+DRB1*04:10 DRB1*03:25+DRB1*04:77	DRB1*03:06+DRB1*04:28	DRB1*03:12+DRB1*04:08:01
DRB1*03:01:01G+DRB1*04:06:01G	DRB1*03:04+DRB1*04:41		
DRB1*03:01:01G+DRB1*04:07:01G	DRB1*03:05:01G+DRB1*04:03:01G		
DRB1*03:01:01G+DRB1*04:08:01	DRB1*03:05:01G+DRB1*04:04:01	DRB1*03:06+DRB1*04:43	
DRB1*03:01:01G+DRB1*04:08:02	DRB1*03:05:01G+DRB1*04:04:02		
DRB1*03:01:01G+DRB1*04:09	DRB1*03:05:01G+DRB1*04:67	DRB1*03:12+DRB1*04:01:01	
DRB1*03:01:01G+DRB1*04:10	DRB1*03:12+DRB1*04:04:01		
DRB1*03:01:01G+DRB1*04:11	DRB1*03:12+DRB1*04:03:01G		
DRB1*03:01:01G+DRB1*04:12	DRB1*03:12+DRB1*04:18		
DRB1*03:01:01G+DRB1*04:14	DRB1*03:05:01G+DRB1*04:02	DRB1*04:22+DRB1*13:41	
DRB1*03:01:01G+DRB1*04:15	DRB1*03:08+DRB1*04:36		
DRB1*03:01:01G+DRB1*04:17:01G	DRB1*03:05:01G+DRB1*04:11	DRB1*03:12+DRB1*04:07:01G	
DRB1*03:01:01G+DRB1*04:18	DRB1*03:19+DRB1*04:58		
DRB1*03:01:01G+DRB1*04:19	DRB1*03:05:01G+DRB1*04:68		
DRB1*03:01:01G+DRB1*04:20	DRB1*03:05:01G+DRB1*04:06:01G		
DRB1*03:01:01G+DRB1*04:25	DRB1*03:58+DRB1*04:58		
DRB1*03:01:01G+DRB1*04:27	DRB1*03:20+DRB1*04:03:01G		
DRB1*03:01:01G+DRB1*04:28	DRB1*03:12+DRB1*04:43		
DRB1*03:01:01G+DRB1*04:31	DRB1*03:05:01G+DRB1*04:55		
DRB1*03:01:01G+DRB1*04:37	DRB1*04:22+DRB1*13:71		
DRB1*03:01:01G+DRB1*04:38	DRB1*03:19+DRB1*04:01:01		
DRB1*03:01:01G+DRB1*04:40	DRB1*03:46+DRB1*04:04:01		
DRB1*03:01:01G+DRB1*04:43	DRB1*03:05:01G+DRB1*04:42		
DRB1*03:01:01G+DRB1*04:54	DRB1*03:05:01G+DRB1*04:25		
DRB1*03:01:01G+DRB1*04:56	DRB1*03:19+DRB1*04:04:01		
DRB1*03:01:01G+DRB1*04:61	DRB1*03:08+DRB1*04:08:01		
DRB1*03:01:01G+DRB1*04:62	DRB1*03:10+DRB1*04:01:01		
DRB1*03:01:01G+DRB1*04:67	DRB1*03:12+DRB1*04:13		
DRB1*03:01:01G+DRB1*04:72:02	DRB1*03:01:02+DRB1*04:72:01		
DRB1*03:01:01G+DRB1*04:80	DRB1*03:58+DRB1*04:05:01G		
DRB1*03:01:01G+DRB1*04:84	DRB1*03:04+DRB1*04:77	DRB1*03:12+DRB1*04:19	
DRB1*03:01:01G+DRB1*04:86	DRB1*03:05:01G+DRB1*04:12		
DRB1*03:01:01G+DRB1*04:88	DRB1*03:19+DRB1*04:03:01G		
DRB1*03:01:01G+DRB1*04:91	DRB1*03:12+DRB1*04:06:01G		
DRB1*03:01:01G+DRB1*08:01:01G	DRB1*03:05:01G+DRB1*08:06	DRB1*03:06+DRB1*08:17	DRB1*03:12+DRB1*08:02:01G
DRB1*03:01:01G+DRB1*08:02:01G	DRB1*03:05:01G+DRB1*08:04:01G	DRB1*03:58+DRB1*08:13	
DRB1*03:01:01G+DRB1*08:02:03	DRB1*03:01:05+DRB1*08:02:01G		
DRB1*03:01:01G+DRB1*08:03:02	DRB1*03:05:01G+DRB1*08:10	DRB1*03:06+DRB1*08:37	DRB1*03:12+DRB1*08:30:01
DRB1*03:01:01G+DRB1*08:04:01G	DRB1*03:06+DRB1*08:28		
DRB1*03:01:01G+DRB1*08:05	DRB1*03:12+DRB1*08:24		
DRB1*03:01:01G+DRB1*08:06	DRB1*03:12+DRB1*08:04:01G		
DRB1*03:01:01G+DRB1*08:08	DRB1*03:10+DRB1*08:02:01G		
DRB1*03:01:01G+DRB1*08:09	DRB1*03:05:01G+DRB1*14:15		
DRB1*03:01:01G+DRB1*08:12	DRB1*03:20+DRB1*08:10		
DRB1*03:01:01G+DRB1*08:22	DRB1*03:20+DRB1*08:06		
DRB1*03:01:01G+DRB1*08:27	DRB1*03:09+DRB1*08:10	DRB1*03:23+DRB1*08:03:02	
DRB1*03:01:01G+DRB1*08:30:01	DRB1*03:19+DRB1*08:13		
DRB1*03:01:01G+DRB1*08:33	DRB1*03:16+DRB1*08:03:02		
DRB1*03:01:01G+DRB1*08:41	DRB1*03:05:01G+DRB1*08:31	DRB1*03:08+DRB1*08:24	
DRB1*03:01:01G+DRB1*09:01:02	DRB1*03:05:01G+DRB1*09:06	DRB1*03:58+DRB1*09:04	
DRB1*03:01:01G+DRB1*10:01:01	DRB1*03:05:01G+DRB1*10:02		
DRB1*03:01:01G+DRB1*11:01:01G	DRB1*03:05:01G+DRB1*11:04:01G DRB1*03:25+DRB1*11:28:01	DRB1*03:08+DRB1*13:14:01G DRB1*03:58+DRB1*11:08:01G	DRB1*03:15+DRB1*11:27:02

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DRB1*03:01:01G+DRB1*11:01:04	DRB1*03:05:01G+DRB1*11:04:05		
DRB1*03:01:01G+DRB1*11:01:05	DRB1*03:05:01G+DRB1*11:04:03		
DRB1*03:01:01G+DRB1*11:01:12	DRB1*03:05:01G+DRB1*11:04:04	DRB1*03:25+DRB1*11:28:02	
DRB1*03:01:01G+DRB1*11:02:01	DRB1*03:08+DRB1*13:22	DRB1*03:19+DRB1*11:36	DRB1*11:07+DRB1*13:27
DRB1*03:01:01G+DRB1*11:03	DRB1*03:08+DRB1*13:24	DRB1*03:58+DRB1*11:36	
DRB1*03:01:01G+DRB1*11:04:01G	DRB1*03:08+DRB1*13:11:01	DRB1*03:25+DRB1*11:58:02	DRB1*03:52+DRB1*11:46
	DRB1*03:58+DRB1*11:42		
DRB1*03:01:01G+DRB1*11:04:04	DRB1*03:25+DRB1*11:58:01		
DRB1*03:01:01G+DRB1*11:06:01	DRB1*03:20+DRB1*11:04:01G	DRB1*03:58+DRB1*11:57	
DRB1*03:01:01G+DRB1*11:06:02	DRB1*03:20+DRB1*11:04:03		
DRB1*03:01:01G+DRB1*11:08:01G	DRB1*03:05:01G+DRB1*11:42	DRB1*03:08+DRB1*13:25	
DRB1*03:01:01G+DRB1*11:09	DRB1*03:07+DRB1*11:87	DRB1*03:08+DRB1*13:05:01G	
DRB1*03:01:01G+DRB1*11:10:01G	DRB1*03:21+DRB1*11:87	DRB1*03:30+DRB1*11:09	
DRB1*03:01:01G+DRB1*11:11:01G	DRB1*03:05:01G+DRB1*11:03	DRB1*03:40+DRB1*11:59	DRB1*03:58+DRB1*11:68
DRB1*03:01:01G+DRB1*11:12:01	DRB1*03:30+DRB1*11:28:01	DRB1*03:52+DRB1*11:10:01G	
DRB1*03:01:01G+DRB1*11:12:02	DRB1*03:30+DRB1*11:28:02		
DRB1*03:01:01G+DRB1*11:14:01G	DRB1*03:05:01G+DRB1*11:02:01	DRB1*03:08+DRB1*13:23	DRB1*03:19+DRB1*11:68
	DRB1*11:07+DRB1*13:41		
DRB1*03:01:01G+DRB1*11:15	DRB1*03:08+DRB1*13:62		
DRB1*03:01:01G+DRB1*11:16	DRB1*03:08+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*11:17	DRB1*03:08+DRB1*14:23:01		
DRB1*03:01:01G+DRB1*11:18	DRB1*03:19+DRB1*11:42		
DRB1*03:01:01G+DRB1*11:19:01	DRB1*03:05:01G+DRB1*11:18	DRB1*03:08+DRB1*13:82	DRB1*03:19+DRB1*11:08:01G
DRB1*03:01:01G+DRB1*11:20	DRB1*03:05:01G+DRB1*11:16	DRB1*03:08+DRB1*13:02:01	
DRB1*03:01:01G+DRB1*11:21	DRB1*03:20+DRB1*11:02:01		
DRB1*03:01:01G+DRB1*11:23	DRB1*03:05:01G+DRB1*11:25	DRB1*03:58+DRB1*11:64	
DRB1*03:01:01G+DRB1*11:26	DRB1*03:05:01G+DRB1*11:34		
DRB1*03:01:01G+DRB1*11:27:01	DRB1*03:01:02+DRB1*11:27:02	DRB1*03:05:01G+DRB1*11:84	
DRB1*03:01:01G+DRB1*11:28:01	DRB1*03:05:01G+DRB1*11:58:02	DRB1*03:08+DRB1*13:50:01	DRB1*03:52+DRB1*11:09
DRB1*03:01:01G+DRB1*11:28:02	DRB1*03:05:01G+DRB1*11:58:01	DRB1*03:08+DRB1*13:50:02	
DRB1*03:01:01G+DRB1*11:29	DRB1*03:04+DRB1*11:28:01		
DRB1*03:01:01G+DRB1*11:33	DRB1*03:05:01G+DRB1*11:35		
DRB1*03:01:01G+DRB1*11:34	DRB1*03:08+DRB1*13:44		
DRB1*03:01:01G+DRB1*11:36	DRB1*11:07+DRB1*13:71		
DRB1*03:01:01G+DRB1*11:37	DRB1*03:05:01G+DRB1*11:56	DRB1*03:06+DRB1*11:01:01G	DRB1*03:08+DRB1*13:07:01
	DRB1*03:31+DRB1*11:28:01	DRB1*03:40+DRB1*11:83	
DRB1*03:01:01G+DRB1*11:39	DRB1*03:05:01G+DRB1*11:43	DRB1*03:37+DRB1*11:01:01G	
DRB1*03:01:01G+DRB1*11:40	DRB1*03:07+DRB1*11:59		
DRB1*03:01:01G+DRB1*11:41	DRB1*03:06+DRB1*11:03		
DRB1*03:01:01G+DRB1*11:43	DRB1*03:37+DRB1*11:04:01G		
DRB1*03:01:01G+DRB1*11:44	DRB1*03:33+DRB1*11:04:01G	DRB1*03:44+DRB1*11:58:02	
DRB1*03:01:01G+DRB1*11:45	DRB1*03:19+DRB1*11:64		
DRB1*03:01:01G+DRB1*11:48	DRB1*03:06+DRB1*11:02:01	DRB1*03:08+DRB1*13:70	
DRB1*03:01:01G+DRB1*11:49	DRB1*03:05:01G+DRB1*11:44	DRB1*03:33+DRB1*11:01:01G	DRB1*03:44+DRB1*11:28:01
DRB1*03:01:01G+DRB1*11:50	DRB1*03:26+DRB1*11:43		
DRB1*03:01:01G+DRB1*11:56	DRB1*03:06+DRB1*11:04:01G	DRB1*03:31+DRB1*11:58:02	
DRB1*03:01:01G+DRB1*11:57	DRB1*03:20+DRB1*11:42		
DRB1*03:01:01G+DRB1*11:62	DRB1*03:07+DRB1*11:80		
DRB1*03:01:01G+DRB1*11:67	DRB1*03:08+DRB1*08:28		
DRB1*03:01:01G+DRB1*11:68	DRB1*03:05:01G+DRB1*11:36		
DRB1*03:01:01G+DRB1*11:72	DRB1*03:05:01G+DRB1*11:92		
DRB1*03:01:01G+DRB1*11:85	DRB1*03:33+DRB1*11:03		
DRB1*03:01:01G+DRB1*11:91	DRB1*03:48+DRB1*11:01:01G		
DRB1*03:01:01G+DRB1*12:01:01G	DRB1*03:19+DRB1*12:12		
DRB1*03:01:01G+DRB1*12:01:03	DRB1*03:20+DRB1*12:03:02		
DRB1*03:01:01G+DRB1*12:02:01	DRB1*03:20+DRB1*12:19	DRB1*03:58+DRB1*12:12	
DRB1*03:01:01G+DRB1*12:04	DRB1*03:08+DRB1*12:09		
DRB1*03:01:01G+DRB1*12:21	DRB1*03:06+DRB1*12:02:01		
DRB1*03:01:01G+DRB1*13:01:01G	DRB1*03:07+DRB1*13:27	DRB1*03:19+DRB1*13:20	
DRB1*03:01:01G+DRB1*13:02:01	DRB1*03:05:01G+DRB1*13:01:01G	DRB1*03:07+DRB1*13:41	DRB1*03:15+DRB1*13:96
	DRB1*03:19+DRB1*13:29		
DRB1*03:01:01G+DRB1*13:02:03	DRB1*03:05:01G+DRB1*13:01:05		
DRB1*03:01:01G+DRB1*13:03:01G	DRB1*03:05:01G+DRB1*13:89	DRB1*03:06+DRB1*13:66:01G	DRB1*03:12+DRB1*13:37
	DRB1*03:14+DRB1*13:94	DRB1*03:15+DRB1*13:33:01	DRB1*03:19+DRB1*13:88
DRB1*03:01:01G+DRB1*13:04	DRB1*03:12+DRB1*13:22		
DRB1*03:01:01G+DRB1*13:05:01G	DRB1*03:05:01G+DRB1*13:42	DRB1*03:58+DRB1*13:56	
DRB1*03:01:01G+DRB1*13:07:01	DRB1*03:06+DRB1*13:14:01G	DRB1*03:31+DRB1*13:50:01	
DRB1*03:01:01G+DRB1*13:07:02	DRB1*03:06+DRB1*13:14:02		
DRB1*03:01:01G+DRB1*13:08	DRB1*03:06+DRB1*13:83	DRB1*03:30+DRB1*13:40	DRB1*03:31+DRB1*13:87
DRB1*03:01:01G+DRB1*13:12	DRB1*03:06+DRB1*13:30		
DRB1*03:01:01G+DRB1*13:14:01G	DRB1*03:05:01G+DRB1*13:11:01	DRB1*03:25+DRB1*13:50:01	DRB1*03:58+DRB1*13:25
DRB1*03:01:01G+DRB1*13:14:02	DRB1*03:05:01G+DRB1*13:11:02		
DRB1*03:01:01G+DRB1*13:19	DRB1*03:06+DRB1*13:57	DRB1*03:30+DRB1*13:53	
DRB1*03:01:01G+DRB1*13:20	DRB1*03:07+DRB1*13:71		
DRB1*03:01:01G+DRB1*13:21:01G	DRB1*03:12+DRB1*13:14:01G		
DRB1*03:01:01G+DRB1*13:22	DRB1*03:52+DRB1*13:52		
DRB1*03:01:01G+DRB1*13:23	DRB1*03:05:01G+DRB1*13:22	DRB1*03:40+DRB1*13:27	DRB1*03:52+DRB1*13:97
DRB1*03:01:01G+DRB1*13:27	DRB1*03:19+DRB1*13:71		
DRB1*03:01:01G+DRB1*13:29	DRB1*03:05:01G+DRB1*13:20		
DRB1*03:01:01G+DRB1*13:30	DRB1*03:12+DRB1*13:82		
DRB1*03:01:01G+DRB1*13:32	DRB1*03:06+DRB1*13:93	DRB1*03:12+DRB1*13:40	
DRB1*03:01:01G+DRB1*13:33:01	DRB1*03:05:01G+DRB1*13:94		
DRB1*03:01:01G+DRB1*13:33:02G	DRB1*03:01:02+DRB1*13:33:01	DRB1*03:05:03+DRB1*13:94	
DRB1*03:01:01G+DRB1*13:36	DRB1*03:05:01G+DRB1*13:40	DRB1*03:06+DRB1*13:02:01	
DRB1*03:01:01G+DRB1*13:38	DRB1*03:05:01G+DRB1*13:48		
DRB1*03:01:01G+DRB1*13:39	DRB1*03:05:01G+DRB1*13:79	DRB1*03:13:01+DRB1*13:02:01	
DRB1*03:01:01G+DRB1*13:40	DRB1*03:06+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:41	DRB1*03:05:01G+DRB1*13:27		
DRB1*03:01:01G+DRB1*13:43	DRB1*03:10+DRB1*13:20		
DRB1*03:01:01G+DRB1*13:45	DRB1*03:10+DRB1*13:23		
DRB1*03:01:01G+DRB1*13:47	DRB1*03:05:01G+DRB1*08:20		
DRB1*03:01:01G+DRB1*13:48	DRB1*03:06+DRB1*13:04	DRB1*03:12+DRB1*13:70	
DRB1*03:01:01G+DRB1*13:49	DRB1*03:06+DRB1*13:21:01G	DRB1*03:12+DRB1*13:07:01	
DRB1*03:01:01G+DRB1*13:50:01	DRB1*03:52+DRB1*13:05:01G		
DRB1*03:01:01G+DRB1*13:52	DRB1*03:25+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:53	DRB1*03:03+DRB1*13:27	DRB1*03:06+DRB1*13:15	
DRB1*03:01:01G+DRB1*13:55	DRB1*03:12+DRB1*13:47		
DRB1*03:01:01G+DRB1*13:57	DRB1*03:30+DRB1*13:15		
DRB1*03:01:01G+DRB1*13:63	DRB1*03:58+DRB1*13:29		
DRB1*03:01:01G+DRB1*13:64	DRB1*03:43+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:65	DRB1*03:05:01G+DRB1*13:32	DRB1*03:12+DRB1*13:36	
DRB1*03:01:01G+DRB1*13:70	DRB1*03:06+DRB1*13:22		
DRB1*03:01:01G+DRB1*13:75	DRB1*03:12+DRB1*13:24		
DRB1*03:01:01G+DRB1*13:78	DRB1*03:13:01+DRB1*13:20		
DRB1*03:01:01G+DRB1*13:79	DRB1*03:13:01+DRB1*13:01:01G	DRB1*03:19+DRB1*13:78	

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DRB1*03:01:01G+DRB1*13:80	DRB1*03:16+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:81	DRB1*03:20+DRB1*13:89		
DRB1*03:01:01G+DRB1*13:82	DRB1*03:19+DRB1*13:25		
DRB1*03:01:01G+DRB1*13:83	DRB1*03:21+DRB1*13:27	DRB1*03:25+DRB1*13:87	DRB1*03:30+DRB1*13:01:01G
DRB1*03:01:01G+DRB1*13:84	DRB1*03:04+DRB1*13:40		
DRB1*03:01:01G+DRB1*13:89	DRB1*03:15+DRB1*13:94		
DRB1*03:01:01G+DRB1*13:92	DRB1*03:54+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:93	DRB1*03:12+DRB1*13:01:01G		
DRB1*03:01:01G+DRB1*13:97	DRB1*03:05:01G+DRB1*13:52	DRB1*03:25+DRB1*13:02:01	
DRB1*03:01:01G+DRB1*13:100	DRB1*03:13:01+DRB1*13:46		
DRB1*03:01:01G+DRB1*14:01:01G	DRB1*03:06+DRB1*14:35	DRB1*03:07+DRB1*14:82	DRB1*03:10+DRB1*14:23:01
DRB1*03:01:01G+DRB1*14:02	DRB1*03:05:01G+DRB1*14:06:01G		
DRB1*03:01:01G+DRB1*14:03:01	DRB1*03:05:01G+DRB1*14:02:01G		
DRB1*03:01:01G+DRB1*14:04	DRB1*14:79+DRB1*14:95		
DRB1*03:01:01G+DRB1*14:07:01G	DRB1*03:05:01G+DRB1*14:01:01G	DRB1*03:10+DRB1*14:14	
DRB1*03:01:01G+DRB1*14:09	DRB1*03:05:01G+DRB1*14:80	DRB1*03:06+DRB1*14:30	
DRB1*03:01:01G+DRB1*14:13	DRB1*03:12+DRB1*14:02		
DRB1*03:01:01G+DRB1*14:14	DRB1*03:05:01G+DRB1*14:23:01		
DRB1*03:01:01G+DRB1*14:16	DRB1*03:10+DRB1*13:08		
DRB1*03:01:01G+DRB1*14:20	DRB1*03:30+DRB1*14:06:01G		
DRB1*03:01:01G+DRB1*14:23:02	DRB1*03:01:06+DRB1*14:23:01		
DRB1*03:01:01G+DRB1*14:25	DRB1*03:06+DRB1*14:53	DRB1*03:10+DRB1*13:07:01	DRB1*03:58+DRB1*14:69
DRB1*03:01:01G+DRB1*14:26	DRB1*03:54+DRB1*14:01:01G		
DRB1*03:01:01G+DRB1*14:27	DRB1*03:58+DRB1*14:03:01		
DRB1*03:01:01G+DRB1*14:28	DRB1*03:20+DRB1*14:04		
DRB1*03:01:01G+DRB1*14:29	DRB1*03:20+DRB1*14:06:01G		
DRB1*03:01:01G+DRB1*14:30	DRB1*03:05:01G+DRB1*14:17		
DRB1*03:01:01G+DRB1*14:36	DRB1*03:18+DRB1*14:14		
DRB1*03:01:01G+DRB1*14:40	DRB1*03:30+DRB1*14:03:01		
DRB1*03:01:01G+DRB1*14:41	DRB1*03:43+DRB1*14:02		
DRB1*03:01:01G+DRB1*14:42	DRB1*03:40+DRB1*14:95		
DRB1*03:01:01G+DRB1*14:44:01	DRB1*03:05:01G+DRB1*14:05:01		
DRB1*03:01:01G+DRB1*14:44:02	DRB1*03:05:01G+DRB1*14:05:03		
DRB1*03:01:01G+DRB1*14:45	DRB1*03:19+DRB1*14:05:01		
DRB1*03:01:01G+DRB1*14:46	DRB1*03:42+DRB1*14:02		
DRB1*03:01:01G+DRB1*14:53	DRB1*03:10+DRB1*13:14:01G		
DRB1*03:01:01G+DRB1*14:63	DRB1*03:05:01G+DRB1*14:78	DRB1*03:12+DRB1*14:67	DRB1*03:19+DRB1*14:85
DRB1*03:01:01G+DRB1*14:67	DRB1*03:19+DRB1*14:03:01		
DRB1*03:01:01G+DRB1*14:68	DRB1*03:05:01G+DRB1*14:04		
DRB1*03:01:01G+DRB1*14:77	DRB1*03:43+DRB1*14:03:01		
DRB1*03:01:01G+DRB1*14:80	DRB1*03:06+DRB1*14:17		
DRB1*03:01:01G+DRB1*14:85	DRB1*03:12+DRB1*14:03:01		
DRB1*03:01:01G+DRB1*14:86	DRB1*03:37+DRB1*14:01:01G		
DRB1*03:01:01G+DRB1*14:94	DRB1*03:04+DRB1*14:02		
DRB1*03:01:01G+DRB1*14:96	DRB1*03:37+DRB1*14:05:01		
DRB1*03:01:01G+DRB1*14:99	DRB1*03:20+DRB1*14:01:01G		
DRB1*03:01:01G+DRB1*15:01:01G	DRB1*03:15+DRB1*15:37	DRB1*03:19+DRB1*15:05	DRB1*03:25+DRB1*15:32
DRB1*03:01:01G+DRB1*15:01:06	DRB1*03:01:09+DRB1*15:01:01G		
DRB1*03:01:01G+DRB1*15:02:01	DRB1*03:05:01G+DRB1*15:01:01G	DRB1*03:14+DRB1*15:37	DRB1*03:19+DRB1*15:31
DRB1*03:01:01G+DRB1*15:02:02G	DRB1*03:05:01G+DRB1*15:01:04		
DRB1*03:01:01G+DRB1*15:02:04	DRB1*03:05:01G+DRB1*15:01:09		
DRB1*03:01:01G+DRB1*15:02:06	DRB1*03:05:01G+DRB1*15:01:03		
DRB1*03:01:01G+DRB1*15:02:08	DRB1*03:05:01G+DRB1*15:01:10		
DRB1*03:01:01G+DRB1*15:03:01G	DRB1*03:19+DRB1*15:23		
DRB1*03:01:01G+DRB1*15:04	DRB1*03:58+DRB1*15:05		
DRB1*03:01:01G+DRB1*15:07	DRB1*03:06+DRB1*15:01:01G	DRB1*03:31+DRB1*15:32	
DRB1*03:01:01G+DRB1*15:10	DRB1*13:27+DRB1*15:25		
DRB1*03:01:01G+DRB1*15:11	DRB1*03:05:01G+DRB1*15:07	DRB1*03:06+DRB1*15:02:01	
DRB1*03:01:01G+DRB1*15:12	DRB1*03:12+DRB1*15:01:04		
DRB1*03:01:01G+DRB1*15:15	DRB1*03:05:01G+DRB1*15:04	DRB1*03:58+DRB1*15:31	
DRB1*03:01:01G+DRB1*15:19	DRB1*03:50+DRB1*15:02:01		
DRB1*03:01:01G+DRB1*15:24	DRB1*03:54+DRB1*15:01:01G		
DRB1*03:01:01G+DRB1*15:31	DRB1*03:05:01G+DRB1*15:05		
DRB1*03:01:01G+DRB1*15:34	DRB1*03:06+DRB1*15:27		
DRB1*03:01:01G+DRB1*15:35	DRB1*03:20+DRB1*15:01:01G		
DRB1*03:01:01G+DRB1*15:38	DRB1*03:13:01+DRB1*15:02:02G		
DRB1*03:01:01G+DRB1*15:47	DRB1*03:37+DRB1*15:02:01		
DRB1*03:01:01G+DRB1*15:48	DRB1*03:06+DRB1*15:09		
DRB1*03:01:01G+DRB1*16:01:01	DRB1*03:04+DRB1*16:08	DRB1*03:05:01G+DRB1*16:15	DRB1*03:06+DRB1*16:09
	DRB1*03:58+DRB1*16:02:01		
DRB1*03:01:01G+DRB1*16:01:02	DRB1*03:58+DRB1*16:02:02		
DRB1*03:01:01G+DRB1*16:02:01	DRB1*03:06+DRB1*16:10		
DRB1*03:01:01G+DRB1*16:05:01	DRB1*03:19+DRB1*16:02:01		
DRB1*03:01:01G+DRB1*16:09	DRB1*03:58+DRB1*16:10		
DRB1*03:01:02+DRB1*03:09	DRB1*03:05:03+DRB1*03:23		
DRB1*03:01:02+DRB1*03:14	DRB1*03:05:03+DRB1*03:15		
DRB1*03:01:02+DRB1*03:27	DRB1*03:02:02+DRB1*03:11:02		
DRB1*03:01:02+DRB1*04:01:01	DRB1*03:05:03+DRB1*04:13	DRB1*03:15+DRB1*04:72:02	
DRB1*03:01:02+DRB1*04:04:01	DRB1*03:15+DRB1*04:44		
DRB1*03:01:02+DRB1*04:05:01G	DRB1*03:05:03+DRB1*04:10		
DRB1*03:01:02+DRB1*04:07:01G	DRB1*03:05:03+DRB1*04:03:01G	DRB1*03:15+DRB1*04:74	
DRB1*03:01:02+DRB1*04:08:01	DRB1*03:05:03+DRB1*04:04:01	DRB1*03:14+DRB1*04:44	
DRB1*03:01:02+DRB1*04:08:02	DRB1*03:05:03+DRB1*04:04:02		
DRB1*03:01:02+DRB1*04:09	DRB1*03:05:03+DRB1*04:67		
DRB1*03:01:02+DRB1*04:14	DRB1*03:05:03+DRB1*04:02		
DRB1*03:01:02+DRB1*04:17:01G	DRB1*03:05:03+DRB1*04:11		
DRB1*03:01:02+DRB1*04:19	DRB1*03:05:03+DRB1*04:68		
DRB1*03:01:02+DRB1*04:20	DRB1*03:05:03+DRB1*04:06:01G		
DRB1*03:01:02+DRB1*04:31	DRB1*03:05:03+DRB1*04:55		
DRB1*03:01:02+DRB1*04:43	DRB1*03:05:03+DRB1*04:42		
DRB1*03:01:02+DRB1*04:54	DRB1*03:05:03+DRB1*04:25		
DRB1*03:01:02+DRB1*04:86	DRB1*03:05:03+DRB1*04:12		
DRB1*03:01:02+DRB1*07:11	DRB1*03:15+DRB1*07:04		
DRB1*03:01:02+DRB1*08:01:01G	DRB1*03:05:03+DRB1*08:06		
DRB1*03:01:02+DRB1*08:02:01G	DRB1*03:05:03+DRB1*08:04:01G		
DRB1*03:01:02+DRB1*08:03:02	DRB1*03:05:03+DRB1*08:10		
DRB1*03:01:02+DRB1*08:09	DRB1*03:05:03+DRB1*14:15		
DRB1*03:01:02+DRB1*08:41	DRB1*03:05:03+DRB1*08:31		
DRB1*03:01:02+DRB1*09:01:02	DRB1*03:05:03+DRB1*09:06		
DRB1*03:01:02+DRB1*10:01:01	DRB1*03:05:03+DRB1*10:02		
DRB1*03:01:02+DRB1*11:01:01G	DRB1*03:05:03+DRB1*11:04:01G	DRB1*03:14+DRB1*11:84	DRB1*03:15+DRB1*11:27:01
DRB1*03:01:02+DRB1*11:01:04	DRB1*03:05:03+DRB1*11:04:05		
DRB1*03:01:02+DRB1*11:01:05	DRB1*03:05:03+DRB1*11:04:03		
DRB1*03:01:02+DRB1*11:01:12	DRB1*03:05:03+DRB1*11:04:04		
DRB1*03:01:02+DRB1*11:04:01G	DRB1*03:15+DRB1*11:84		

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DRB1*03:01:02+DRB1*11:08:01G	DRB1*03:05:03+DRB1*11:42	
DRB1*03:01:02+DRB1*11:11:01G	DRB1*03:05:03+DRB1*11:03	
DRB1*03:01:02+DRB1*11:14:01G	DRB1*03:05:03+DRB1*11:02:01	
DRB1*03:01:02+DRB1*11:19:01	DRB1*03:05:03+DRB1*11:18	
DRB1*03:01:02+DRB1*11:20	DRB1*03:05:03+DRB1*11:16	
DRB1*03:01:02+DRB1*11:23	DRB1*03:05:03+DRB1*11:25	
DRB1*03:01:02+DRB1*11:26	DRB1*03:05:03+DRB1*11:34	
DRB1*03:01:02+DRB1*11:27:01	DRB1*03:05:03+DRB1*11:84	
DRB1*03:01:02+DRB1*11:28:01	DRB1*03:05:03+DRB1*11:58:02	
DRB1*03:01:02+DRB1*11:28:02	DRB1*03:05:03+DRB1*11:58:01	
DRB1*03:01:02+DRB1*11:33	DRB1*03:05:03+DRB1*11:35	
DRB1*03:01:02+DRB1*11:37	DRB1*03:05:03+DRB1*11:56	
DRB1*03:01:02+DRB1*11:39	DRB1*03:05:03+DRB1*11:43	
DRB1*03:01:02+DRB1*11:49	DRB1*03:05:03+DRB1*11:44	
DRB1*03:01:02+DRB1*11:68	DRB1*03:05:03+DRB1*11:36	
DRB1*03:01:02+DRB1*11:72	DRB1*03:05:03+DRB1*11:92	
DRB1*03:01:02+DRB1*13:01:01G	DRB1*03:15+DRB1*13:61	
DRB1*03:01:02+DRB1*13:02:01	DRB1*03:05:03+DRB1*13:01:01G	DRB1*03:14+DRB1*13:61
DRB1*03:01:02+DRB1*13:02:03	DRB1*03:05:03+DRB1*13:01:05	
DRB1*03:01:02+DRB1*13:03:01G	DRB1*03:05:03+DRB1*13:89	DRB1*03:15+DRB1*13:33:02G
DRB1*03:01:02+DRB1*13:05:01G	DRB1*03:05:03+DRB1*13:42	
DRB1*03:01:02+DRB1*13:14:01G	DRB1*03:05:03+DRB1*13:11:01	
DRB1*03:01:02+DRB1*13:14:02	DRB1*03:05:03+DRB1*13:11:02	
DRB1*03:01:02+DRB1*13:23	DRB1*03:05:03+DRB1*13:22	
DRB1*03:01:02+DRB1*13:29	DRB1*03:05:03+DRB1*13:20	
DRB1*03:01:02+DRB1*13:36	DRB1*03:05:03+DRB1*13:40	
DRB1*03:01:02+DRB1*13:38	DRB1*03:05:03+DRB1*13:48	
DRB1*03:01:02+DRB1*13:39	DRB1*03:05:03+DRB1*13:79	DRB1*03:13:02+DRB1*13:02:01
DRB1*03:01:02+DRB1*13:41	DRB1*03:05:03+DRB1*13:27	
DRB1*03:01:02+DRB1*13:47	DRB1*03:05:03+DRB1*08:20	
DRB1*03:01:02+DRB1*13:65	DRB1*03:05:03+DRB1*13:32	
DRB1*03:01:02+DRB1*13:78	DRB1*03:13:02+DRB1*13:20	
DRB1*03:01:02+DRB1*13:79	DRB1*03:13:02+DRB1*13:01:01G	
DRB1*03:01:02+DRB1*13:96	DRB1*03:05:01G+DRB1*13:61	
DRB1*03:01:02+DRB1*13:97	DRB1*03:05:03+DRB1*13:52	
DRB1*03:01:02+DRB1*13:100	DRB1*03:13:02+DRB1*13:46	
DRB1*03:01:02+DRB1*14:01:02	DRB1*03:15+DRB1*14:38	
DRB1*03:01:02+DRB1*14:02	DRB1*03:05:03+DRB1*14:06:01G	DRB1*03:15+DRB1*14:47
DRB1*03:01:02+DRB1*14:03:01	DRB1*03:05:03+DRB1*14:02:01G	DRB1*03:15+DRB1*14:98
DRB1*03:01:02+DRB1*14:07:01G	DRB1*03:05:03+DRB1*14:01:01G	
DRB1*03:01:02+DRB1*14:09	DRB1*03:05:03+DRB1*14:80	
DRB1*03:01:02+DRB1*14:14	DRB1*03:05:03+DRB1*14:23:01	
DRB1*03:01:02+DRB1*14:30	DRB1*03:05:03+DRB1*14:17	
DRB1*03:01:02+DRB1*14:44:01	DRB1*03:05:03+DRB1*14:05:01	
DRB1*03:01:02+DRB1*14:44:02	DRB1*03:05:03+DRB1*14:05:03	
DRB1*03:01:02+DRB1*14:63	DRB1*03:05:03+DRB1*14:78	
DRB1*03:01:02+DRB1*14:68	DRB1*03:05:03+DRB1*14:04	
DRB1*03:01:02+DRB1*14:93	DRB1*03:05:01G+DRB1*14:50	
DRB1*03:01:02+DRB1*15:02:01	DRB1*03:05:03+DRB1*15:01:01G	
DRB1*03:01:02+DRB1*15:02:02G	DRB1*03:05:03+DRB1*15:01:04	
DRB1*03:01:02+DRB1*15:02:04	DRB1*03:05:03+DRB1*15:01:09	
DRB1*03:01:02+DRB1*15:02:06	DRB1*03:05:03+DRB1*15:01:03	
DRB1*03:01:02+DRB1*15:02:08	DRB1*03:05:03+DRB1*15:01:10	
DRB1*03:01:02+DRB1*15:11	DRB1*03:05:03+DRB1*15:07	
DRB1*03:01:02+DRB1*15:15	DRB1*03:05:03+DRB1*15:04	
DRB1*03:01:02+DRB1*15:31	DRB1*03:05:03+DRB1*15:05	
DRB1*03:01:02+DRB1*15:38	DRB1*03:13:02+DRB1*15:02:02G	
DRB1*03:01:02+DRB1*16:01:01	DRB1*03:05:03+DRB1*16:15	
DRB1*03:01:05+DRB1*08:01:01G	DRB1*03:12+DRB1*08:02:03	
DRB1*03:01:05+DRB1*08:08	DRB1*03:10+DRB1*08:02:03	
DRB1*03:01:06+DRB1*11:17	DRB1*03:08+DRB1*14:23:02	
DRB1*03:01:06+DRB1*11:52	DRB1*03:08+DRB1*14:08	
DRB1*03:01:06+DRB1*14:01:01G	DRB1*03:10+DRB1*14:23:02	
DRB1*03:01:06+DRB1*14:14	DRB1*03:05:01G+DRB1*14:23:02	
DRB1*03:01:09+DRB1*15:02:01	DRB1*03:05:01G+DRB1*15:01:06	
DRB1*03:01:09+DRB1*15:07	DRB1*03:06+DRB1*15:01:06	
DRB1*03:01:09+DRB1*15:24	DRB1*03:54+DRB1*15:01:06	
DRB1*03:01:09+DRB1*15:35	DRB1*03:20+DRB1*15:01:06	
DRB1*03:02:01+DRB1*03:05:03	DRB1*03:02:02+DRB1*03:05:01G	
DRB1*03:02:01+DRB1*03:13:02	DRB1*03:02:02+DRB1*03:13:01	
DRB1*03:02:01+DRB1*03:15	DRB1*03:03+DRB1*03:14	
DRB1*03:02:01+DRB1*03:23	DRB1*03:03+DRB1*03:09	
DRB1*03:02:01+DRB1*03:24	DRB1*03:07+DRB1*03:27	
DRB1*03:02:01+DRB1*03:25	DRB1*03:29+DRB1*03:31	
DRB1*03:02:01+DRB1*03:33	DRB1*03:26+DRB1*03:29	
DRB1*03:02:01+DRB1*03:40	DRB1*03:29+DRB1*03:41	
DRB1*03:02:01+DRB1*04:02	DRB1*03:03+DRB1*04:14	
DRB1*03:02:01+DRB1*04:03:01G	DRB1*03:03+DRB1*04:07:01G	DRB1*04:22+DRB1*14:51
DRB1*03:02:01+DRB1*04:04:01	DRB1*03:03+DRB1*04:08:01	DRB1*04:22+DRB1*14:02
DRB1*03:02:01+DRB1*04:04:02	DRB1*03:03+DRB1*04:08:02	
DRB1*03:02:01+DRB1*04:06:01G	DRB1*03:03+DRB1*04:20	
DRB1*03:02:01+DRB1*04:10	DRB1*03:03+DRB1*04:05:01G	DRB1*04:22+DRB1*14:13
DRB1*03:02:01+DRB1*04:11	DRB1*03:03+DRB1*04:17:01G	
DRB1*03:02:01+DRB1*04:12	DRB1*03:03+DRB1*04:86	DRB1*04:22+DRB1*14:63
DRB1*03:02:01+DRB1*04:13	DRB1*03:03+DRB1*04:01:01	DRB1*04:22+DRB1*14:19
DRB1*03:02:01+DRB1*04:18	DRB1*04:22+DRB1*14:67	
DRB1*03:02:01+DRB1*04:25	DRB1*03:03+DRB1*04:54	DRB1*04:22+DRB1*14:27
DRB1*03:02:01+DRB1*04:28	DRB1*03:29+DRB1*04:05:01G	
DRB1*03:02:01+DRB1*04:35	DRB1*03:29+DRB1*04:01:01	
DRB1*03:02:01+DRB1*04:42	DRB1*03:03+DRB1*04:43	DRB1*03:29+DRB1*04:04:01
DRB1*03:02:01+DRB1*04:43	DRB1*03:29+DRB1*04:08:01	
DRB1*03:02:01+DRB1*04:44	DRB1*04:22+DRB1*14:47	
DRB1*03:02:01+DRB1*04:55	DRB1*03:03+DRB1*04:31	DRB1*04:22+DRB1*14:89
DRB1*03:02:01+DRB1*04:58	DRB1*04:22+DRB1*14:03:01	
DRB1*03:02:01+DRB1*04:59	DRB1*03:29+DRB1*04:03:01G	
DRB1*03:02:01+DRB1*04:67	DRB1*03:03+DRB1*04:09	
DRB1*03:02:01+DRB1*04:68	DRB1*03:03+DRB1*04:19	
DRB1*03:02:01+DRB1*04:72:02	DRB1*03:02:02+DRB1*04:72:01	
DRB1*03:02:01+DRB1*08:04:01G	DRB1*03:03+DRB1*08:02:01G	
DRB1*03:02:01+DRB1*08:06	DRB1*03:03+DRB1*08:01:01G	
DRB1*03:02:01+DRB1*08:10	DRB1*03:03+DRB1*08:03:02	
DRB1*03:02:01+DRB1*08:17	DRB1*03:29+DRB1*08:01:01G	
DRB1*03:02:01+DRB1*08:20	DRB1*03:03+DRB1*13:47	
DRB1*03:02:01+DRB1*08:28	DRB1*03:29+DRB1*08:04:01G	
DRB1*03:02:01+DRB1*08:31	DRB1*03:03+DRB1*08:41	

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DRB1*03:02:01+DRB1*08:34	DRB1*03:38+DRB1*08:30:01		
DRB1*03:02:01+DRB1*08:37	DRB1*03:29+DRB1*08:03:02		
DRB1*03:02:01+DRB1*09:01:02	DRB1*03:38+DRB1*09:02:02		
DRB1*03:02:01+DRB1*09:06	DRB1*03:03+DRB1*09:01:02		
DRB1*03:02:01+DRB1*10:02	DRB1*03:03+DRB1*10:01:01		
DRB1*03:02:01+DRB1*11:01:01G	DRB1*03:29+DRB1*11:37		
DRB1*03:02:01+DRB1*11:02:01	DRB1*03:03+DRB1*11:14:01G	DRB1*03:29+DRB1*11:48	
DRB1*03:02:01+DRB1*11:03	DRB1*03:03+DRB1*11:11:01G	DRB1*03:29+DRB1*11:41	
DRB1*03:02:01+DRB1*11:04:01G	DRB1*03:03+DRB1*11:01:01G	DRB1*03:29+DRB1*11:56	
DRB1*03:02:01+DRB1*11:04:03	DRB1*03:03+DRB1*11:01:05		
DRB1*03:02:01+DRB1*11:04:04	DRB1*03:03+DRB1*11:01:12		
DRB1*03:02:01+DRB1*11:04:05	DRB1*03:03+DRB1*11:01:04		
DRB1*03:02:01+DRB1*11:16	DRB1*03:03+DRB1*11:20		
DRB1*03:02:01+DRB1*11:18	DRB1*03:03+DRB1*11:19:01		
DRB1*03:02:01+DRB1*11:25	DRB1*03:03+DRB1*11:23	DRB1*11:07+DRB1*14:27	
DRB1*03:02:01+DRB1*11:27:01	DRB1*03:02:02+DRB1*11:27:02		
DRB1*03:02:01+DRB1*11:34	DRB1*03:03+DRB1*11:26	DRB1*11:07+DRB1*14:02	
DRB1*03:02:01+DRB1*11:35	DRB1*03:03+DRB1*11:33		
DRB1*03:02:01+DRB1*11:36	DRB1*03:03+DRB1*11:68		
DRB1*03:02:01+DRB1*11:42	DRB1*03:03+DRB1*11:08:01G		
DRB1*03:02:01+DRB1*11:43	DRB1*03:03+DRB1*11:39		
DRB1*03:02:01+DRB1*11:44	DRB1*03:03+DRB1*11:49		
DRB1*03:02:01+DRB1*11:56	DRB1*03:03+DRB1*11:37		
DRB1*03:02:01+DRB1*11:58:01	DRB1*03:03+DRB1*11:28:02		
DRB1*03:02:01+DRB1*11:58:02	DRB1*03:03+DRB1*11:28:01		
DRB1*03:02:01+DRB1*11:84	DRB1*03:03+DRB1*11:27:01		
DRB1*03:02:01+DRB1*11:92	DRB1*03:03+DRB1*11:72		
DRB1*03:02:01+DRB1*12:01:01G	DRB1*03:38+DRB1*12:09		
DRB1*03:02:01+DRB1*12:02:01	DRB1*03:29+DRB1*12:21		
DRB1*03:02:01+DRB1*13:01:01G	DRB1*03:03+DRB1*13:02:01	DRB1*03:29+DRB1*13:40	
DRB1*03:02:01+DRB1*13:01:05	DRB1*03:03+DRB1*13:02:03		
DRB1*03:02:01+DRB1*13:02:01	DRB1*03:29+DRB1*13:36		
DRB1*03:02:01+DRB1*13:04	DRB1*03:29+DRB1*13:48		
DRB1*03:02:01+DRB1*13:09	DRB1*03:07+DRB1*14:24		
DRB1*03:02:01+DRB1*13:10	DRB1*03:07+DRB1*13:85		
DRB1*03:02:01+DRB1*13:11:01	DRB1*03:03+DRB1*13:14:01G		
DRB1*03:02:01+DRB1*13:11:02	DRB1*03:03+DRB1*13:14:02		
DRB1*03:02:01+DRB1*13:13	DRB1*03:41+DRB1*14:63		
DRB1*03:02:01+DRB1*13:14:01G	DRB1*03:29+DRB1*13:07:01		
DRB1*03:02:01+DRB1*13:14:02	DRB1*03:29+DRB1*13:07:02		
DRB1*03:02:01+DRB1*13:15	DRB1*03:29+DRB1*13:53		
DRB1*03:02:01+DRB1*13:18	DRB1*03:07+DRB1*14:27		
DRB1*03:02:01+DRB1*13:20	DRB1*03:03+DRB1*13:29		
DRB1*03:02:01+DRB1*13:21:01G	DRB1*03:29+DRB1*13:49		
DRB1*03:02:01+DRB1*13:22	DRB1*03:03+DRB1*13:23 DRB1*03:41+DRB1*13:15	DRB1*03:29+DRB1*13:70	DRB1*03:40+DRB1*13:53
DRB1*03:02:01+DRB1*13:27	DRB1*03:03+DRB1*13:41	DRB1*03:05:01G+DRB1*13:53	
DRB1*03:02:01+DRB1*13:30	DRB1*03:29+DRB1*13:12		
DRB1*03:02:01+DRB1*13:32	DRB1*03:03+DRB1*13:65		
DRB1*03:02:01+DRB1*13:33:02G	DRB1*03:02:02+DRB1*13:33:01		
DRB1*03:02:01+DRB1*13:37	DRB1*03:41+DRB1*13:85		
DRB1*03:02:01+DRB1*13:40	DRB1*03:03+DRB1*13:36		
DRB1*03:02:01+DRB1*13:42	DRB1*03:03+DRB1*13:05:01G		
DRB1*03:02:01+DRB1*13:44	DRB1*03:40+DRB1*14:06:01G		
DRB1*03:02:01+DRB1*13:47	DRB1*03:41+DRB1*14:27		
DRB1*03:02:01+DRB1*13:48	DRB1*03:03+DRB1*13:38		
DRB1*03:02:01+DRB1*13:52	DRB1*03:03+DRB1*13:97		
DRB1*03:02:01+DRB1*13:54	DRB1*03:38+DRB1*13:24		
DRB1*03:02:01+DRB1*13:57	DRB1*03:29+DRB1*13:19		
DRB1*03:02:01+DRB1*13:66:01G	DRB1*03:29+DRB1*13:03:01G		
DRB1*03:02:01+DRB1*13:70	DRB1*03:41+DRB1*13:53		
DRB1*03:02:01+DRB1*13:79	DRB1*03:03+DRB1*13:39		
DRB1*03:02:01+DRB1*13:83	DRB1*03:29+DRB1*13:08		
DRB1*03:02:01+DRB1*13:89	DRB1*03:03+DRB1*13:03:01G		
DRB1*03:02:01+DRB1*13:93	DRB1*03:29+DRB1*13:32		
DRB1*03:02:01+DRB1*13:94	DRB1*03:03+DRB1*13:33:01		
DRB1*03:02:01+DRB1*13:100	DRB1*03:38+DRB1*13:14:01G		
DRB1*03:02:01+DRB1*14:01:01G	DRB1*03:03+DRB1*14:07:01G		
DRB1*03:02:01+DRB1*14:04	DRB1*03:03+DRB1*14:68		
DRB1*03:02:01+DRB1*14:05:01	DRB1*03:03+DRB1*14:44:01		
DRB1*03:02:01+DRB1*14:05:03	DRB1*03:03+DRB1*14:44:02		
DRB1*03:02:01+DRB1*14:06:01G	DRB1*03:03+DRB1*14:02		
DRB1*03:02:01+DRB1*14:02:01G	DRB1*03:03+DRB1*14:03:01		
DRB1*03:02:01+DRB1*14:15	DRB1*03:03+DRB1*08:09		
DRB1*03:02:01+DRB1*14:17	DRB1*03:03+DRB1*14:30	DRB1*03:07+DRB1*14:02	DRB1*03:29+DRB1*14:80
DRB1*03:02:01+DRB1*14:21	DRB1*03:07+DRB1*14:19		
DRB1*03:02:01+DRB1*14:23:01	DRB1*03:03+DRB1*14:14		
DRB1*03:02:01+DRB1*14:30	DRB1*03:29+DRB1*14:09		
DRB1*03:02:01+DRB1*14:33	DRB1*03:07+DRB1*14:51		
DRB1*03:02:01+DRB1*14:35	DRB1*03:29+DRB1*14:01:01G		
DRB1*03:02:01+DRB1*14:48	DRB1*03:38+DRB1*14:02		
DRB1*03:02:01+DRB1*14:53	DRB1*03:29+DRB1*14:25		
DRB1*03:02:01+DRB1*14:78	DRB1*03:03+DRB1*14:63		
DRB1*03:02:01+DRB1*14:80	DRB1*03:03+DRB1*14:09		
DRB1*03:02:01+DRB1*15:01:01G	DRB1*03:03+DRB1*15:02:01	DRB1*03:29+DRB1*15:07	DRB1*14:24+DRB1*15:25
DRB1*03:02:01+DRB1*15:01:03	DRB1*03:03+DRB1*15:02:06		
DRB1*03:02:01+DRB1*15:01:04	DRB1*03:03+DRB1*15:02:02G		
DRB1*03:02:01+DRB1*15:01:09	DRB1*03:03+DRB1*15:02:04		
DRB1*03:02:01+DRB1*15:01:10	DRB1*03:03+DRB1*15:02:08		
DRB1*03:02:01+DRB1*15:02:01	DRB1*03:29+DRB1*15:11		
DRB1*03:02:01+DRB1*15:04	DRB1*03:03+DRB1*15:15		
DRB1*03:02:01+DRB1*15:05	DRB1*03:03+DRB1*15:31		
DRB1*03:02:01+DRB1*15:07	DRB1*03:03+DRB1*15:11		
DRB1*03:02:01+DRB1*15:09	DRB1*03:29+DRB1*15:48		
DRB1*03:02:01+DRB1*15:21	DRB1*14:67+DRB1*15:25		
DRB1*03:02:01+DRB1*15:27	DRB1*03:29+DRB1*15:34		
DRB1*03:02:01+DRB1*16:09	DRB1*03:29+DRB1*16:01:01		
DRB1*03:02:01+DRB1*16:10	DRB1*03:29+DRB1*16:02:01		
DRB1*03:02:01+DRB1*16:15	DRB1*03:03+DRB1*16:01:01		
DRB1*03:02:02+DRB1*13:27	DRB1*03:05:03+DRB1*13:53		
DRB1*03:02:02+DRB1*13:94	DRB1*03:03+DRB1*13:33:02G		
DRB1*03:03+DRB1*04:02	DRB1*04:22+DRB1*13:53		
DRB1*03:03+DRB1*04:04:01	DRB1*04:22+DRB1*14:06:01G		
DRB1*03:03+DRB1*04:12	DRB1*04:22+DRB1*14:78		
DRB1*03:03+DRB1*04:28	DRB1*03:29+DRB1*04:10		

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DRB1*03:03+DRB1*04:35	DRB1*03:29+DRB1*04:13	
DRB1*03:03+DRB1*04:58	DRB1*04:22+DRB1*14:02:01G	
DRB1*03:03+DRB1*04:82	DRB1*03:38+DRB1*04:53	
DRB1*03:03+DRB1*08:17	DRB1*03:29+DRB1*08:06	
DRB1*03:03+DRB1*08:37	DRB1*03:29+DRB1*08:10	
DRB1*03:03+DRB1*11:02:01	DRB1*11:07+DRB1*13:53	
DRB1*03:03+DRB1*11:34	DRB1*11:07+DRB1*14:06:01G	
DRB1*03:03+DRB1*11:45	DRB1*11:07+DRB1*14:67	
DRB1*03:03+DRB1*11:64	DRB1*11:07+DRB1*14:03:01	
DRB1*03:03+DRB1*11:73	DRB1*11:07+DRB1*13:85	
DRB1*03:03+DRB1*11:79	DRB1*11:07+DRB1*14:19	
DRB1*03:03+DRB1*11:82	DRB1*11:07+DRB1*14:24	
DRB1*03:03+DRB1*11:87	DRB1*03:29+DRB1*11:83	
DRB1*03:03+DRB1*13:01:01G	DRB1*03:07+DRB1*13:53	
DRB1*03:03+DRB1*13:13	DRB1*03:41+DRB1*14:78	
DRB1*03:03+DRB1*13:66:01G	DRB1*03:29+DRB1*13:89	
DRB1*03:03+DRB1*13:83	DRB1*03:07+DRB1*13:19	DRB1*03:21+DRB1*13:53
DRB1*03:03+DRB1*13:100	DRB1*03:38+DRB1*13:11:01	
DRB1*03:03+DRB1*14:17	DRB1*03:07+DRB1*14:06:01G	
DRB1*03:03+DRB1*14:48	DRB1*03:38+DRB1*14:06:01G	
DRB1*03:03+DRB1*15:10	DRB1*13:53+DRB1*15:25	
DRB1*03:03+DRB1*15:27	DRB1*14:02+DRB1*15:25	
DRB1*03:03+DRB1*16:09	DRB1*03:29+DRB1*16:15	
DRB1*03:04+DRB1*04:01:01	DRB1*03:25+DRB1*04:21	
DRB1*03:04+DRB1*04:03:01G	DRB1*03:25+DRB1*04:06:01G	
DRB1*03:04+DRB1*04:03:02	DRB1*03:25+DRB1*04:06:04	
DRB1*03:04+DRB1*04:03:04	DRB1*03:25+DRB1*04:06:03	
DRB1*03:04+DRB1*04:04:01	DRB1*03:25+DRB1*04:68	
DRB1*03:04+DRB1*04:05:01G	DRB1*03:25+DRB1*04:84	
DRB1*03:04+DRB1*04:07:01G	DRB1*03:25+DRB1*04:20	
DRB1*03:04+DRB1*04:08:01	DRB1*03:25+DRB1*04:19	
DRB1*03:04+DRB1*04:11	DRB1*03:25+DRB1*04:91	
DRB1*03:04+DRB1*11:01:01G	DRB1*03:25+DRB1*11:29	
DRB1*03:04+DRB1*11:03	DRB1*03:25+DRB1*11:63	
DRB1*03:04+DRB1*11:06:01	DRB1*03:25+DRB1*11:47	
DRB1*03:04+DRB1*11:12:01	DRB1*03:30+DRB1*11:29	
DRB1*03:04+DRB1*11:37	DRB1*03:31+DRB1*11:29	
DRB1*03:04+DRB1*11:41	DRB1*03:31+DRB1*11:63	
DRB1*03:04+DRB1*11:49	DRB1*03:44+DRB1*11:29	
DRB1*03:04+DRB1*11:85	DRB1*03:44+DRB1*11:63	
DRB1*03:04+DRB1*13:08	DRB1*03:30+DRB1*13:84	
DRB1*03:04+DRB1*13:32	DRB1*03:12+DRB1*13:84	
DRB1*03:04+DRB1*13:36	DRB1*03:05:01G+DRB1*13:84	
DRB1*03:04+DRB1*14:05:01	DRB1*03:30+DRB1*14:91	
DRB1*03:04+DRB1*14:13	DRB1*03:12+DRB1*14:94	
DRB1*03:04+DRB1*14:41	DRB1*03:43+DRB1*14:94	
DRB1*03:04+DRB1*14:46	DRB1*03:42+DRB1*14:94	
DRB1*03:05:01G+DRB1*03:11:02	DRB1*03:05:03+DRB1*03:11:01	
DRB1*03:05:01G+DRB1*03:13:02	DRB1*03:05:03+DRB1*03:13:01	
DRB1*03:05:01G+DRB1*04:01:01	DRB1*03:14+DRB1*04:72:01	
DRB1*03:05:01G+DRB1*04:15	DRB1*04:22+DRB1*11:87	
DRB1*03:05:01G+DRB1*04:27	DRB1*03:20+DRB1*04:07:01G	
DRB1*03:05:01G+DRB1*04:40	DRB1*03:46+DRB1*04:08:01	
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DRB1*03:05:01G+DRB1*04:72:02	DRB1*03:05:03+DRB1*04:72:01	
DRB1*03:05:01G+DRB1*04:88	DRB1*03:19+DRB1*04:07:01G	
DRB1*03:05:01G+DRB1*04:91	DRB1*03:12+DRB1*04:20	
DRB1*03:05:01G+DRB1*08:12	DRB1*03:20+DRB1*08:03:02	
DRB1*03:05:01G+DRB1*08:22	DRB1*03:20+DRB1*08:01:01G	
DRB1*03:05:01G+DRB1*08:27	DRB1*03:09+DRB1*08:03:02	
DRB1*03:05:01G+DRB1*11:01:01G	DRB1*03:14+DRB1*11:27:02	DRB1*03:40+DRB1*11:87
DRB1*03:05:01G+DRB1*11:06:01	DRB1*03:20+DRB1*11:01:01G	
DRB1*03:05:01G+DRB1*11:06:02	DRB1*03:20+DRB1*11:01:05	
DRB1*03:05:01G+DRB1*11:07	DRB1*03:08+DRB1*03:40	
DRB1*03:05:01G+DRB1*11:17	DRB1*03:08+DRB1*14:14	
DRB1*03:05:01G+DRB1*11:21	DRB1*03:20+DRB1*11:14:01G	
DRB1*03:05:01G+DRB1*11:27:01	DRB1*03:05:03+DRB1*11:27:02	
DRB1*03:05:01G+DRB1*11:37	DRB1*03:41+DRB1*11:87	
DRB1*03:05:01G+DRB1*11:40	DRB1*03:08+DRB1*13:63	
DRB1*03:05:01G+DRB1*11:41	DRB1*03:06+DRB1*11:11:01G	DRB1*03:41+DRB1*11:59
DRB1*03:05:01G+DRB1*11:46	DRB1*03:25+DRB1*11:09	
DRB1*03:05:01G+DRB1*11:47	DRB1*03:20+DRB1*11:29	
DRB1*03:05:01G+DRB1*11:48	DRB1*03:06+DRB1*11:14:01G	
DRB1*03:05:01G+DRB1*11:50	DRB1*03:26+DRB1*11:39	
DRB1*03:05:01G+DRB1*11:57	DRB1*03:20+DRB1*11:08:01G	
DRB1*03:05:01G+DRB1*11:83	DRB1*03:06+DRB1*11:87	
DRB1*03:05:01G+DRB1*11:85	DRB1*03:33+DRB1*11:11:01G	
DRB1*03:05:01G+DRB1*13:02:01	DRB1*03:14+DRB1*13:96	
DRB1*03:05:01G+DRB1*13:03:01G	DRB1*03:14+DRB1*13:33:01	
DRB1*03:05:01G+DRB1*13:04	DRB1*03:12+DRB1*13:23	
DRB1*03:05:01G+DRB1*13:06	DRB1*03:19+DRB1*13:56	
DRB1*03:05:01G+DRB1*13:08	DRB1*03:30+DRB1*13:36	
DRB1*03:05:01G+DRB1*13:15	DRB1*03:29+DRB1*13:27	
DRB1*03:05:01G+DRB1*13:23	DRB1*03:40+DRB1*13:41	
DRB1*03:05:01G+DRB1*13:33:02G	DRB1*03:05:03+DRB1*13:33:01	
DRB1*03:05:01G+DRB1*13:43	DRB1*03:10+DRB1*13:29	
DRB1*03:05:01G+DRB1*13:58	DRB1*03:20+DRB1*13:12	
DRB1*03:05:01G+DRB1*13:64	DRB1*03:30+DRB1*13:34	DRB1*03:43+DRB1*13:02:01
DRB1*03:05:01G+DRB1*13:70	DRB1*03:06+DRB1*13:23	DRB1*03:41+DRB1*13:27
DRB1*03:05:01G+DRB1*13:78	DRB1*03:13:01+DRB1*13:29	
DRB1*03:05:01G+DRB1*13:80	DRB1*03:16+DRB1*13:02:01	
DRB1*03:05:01G+DRB1*13:81	DRB1*03:20+DRB1*13:03:01G	
DRB1*03:05:01G+DRB1*13:83	DRB1*03:21+DRB1*13:41	DRB1*03:30+DRB1*13:02:01
DRB1*03:05:01G+DRB1*13:92	DRB1*03:54+DRB1*13:02:01	
DRB1*03:05:01G+DRB1*13:93	DRB1*03:12+DRB1*13:02:01	
DRB1*03:05:01G+DRB1*14:20	DRB1*03:30+DRB1*14:02	
DRB1*03:05:01G+DRB1*14:26	DRB1*03:54+DRB1*14:07:01G	
DRB1*03:05:01G+DRB1*14:28	DRB1*03:20+DRB1*14:68	
DRB1*03:05:01G+DRB1*14:29	DRB1*03:20+DRB1*14:02	
DRB1*03:05:01G+DRB1*14:45	DRB1*03:19+DRB1*14:44:01	
DRB1*03:05:01G+DRB1*14:86	DRB1*03:37+DRB1*14:07:01G	
DRB1*03:05:01G+DRB1*14:96	DRB1*03:37+DRB1*14:44:01	
DRB1*03:05:01G+DRB1*14:99	DRB1*03:20+DRB1*14:07:01G	
DRB1*03:05:01G+DRB1*15:10	DRB1*13:41+DRB1*15:25	
DRB1*03:05:01G+DRB1*15:12	DRB1*03:12+DRB1*15:02:02G	

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DRB1*03:05:01G+DRB1*15:24	DRB1*03:54+DRB1*15:02:01	
DRB1*03:05:01G+DRB1*15:35	DRB1*03:20+DRB1*15:02:01	
DRB1*03:05:03+DRB1*04:01:01	DRB1*03:14+DRB1*04:72:02	
DRB1*03:05:03+DRB1*04:07:01G	DRB1*03:14+DRB1*04:74	
DRB1*03:05:03+DRB1*07:11	DRB1*03:14+DRB1*07:04	
DRB1*03:05:03+DRB1*11:01:01G	DRB1*03:14+DRB1*11:27:01	
DRB1*03:05:03+DRB1*12:03:02	DRB1*03:15+DRB1*12:22	
DRB1*03:05:03+DRB1*13:03:01G	DRB1*03:14+DRB1*13:33:02G	
DRB1*03:05:03+DRB1*13:78	DRB1*03:13:02+DRB1*13:29	
DRB1*03:05:03+DRB1*14:01:02	DRB1*03:14+DRB1*14:38	
DRB1*03:05:03+DRB1*14:02	DRB1*03:14+DRB1*14:47	
DRB1*03:05:03+DRB1*14:03:01	DRB1*03:14+DRB1*14:98	
DRB1*03:06+DRB1*03:44	DRB1*03:25+DRB1*03:26	DRB1*03:31+DRB1*03:33
DRB1*03:06+DRB1*04:03:01G	DRB1*03:31+DRB1*04:41	
DRB1*03:06+DRB1*04:05:01G	DRB1*03:31+DRB1*04:77	
DRB1*03:06+DRB1*04:15	DRB1*04:22+DRB1*11:83	
DRB1*03:06+DRB1*11:01:12	DRB1*03:31+DRB1*11:28:02	
DRB1*03:06+DRB1*11:04:04	DRB1*03:31+DRB1*11:58:01	
DRB1*03:06+DRB1*11:06:01	DRB1*03:20+DRB1*11:56	
DRB1*03:06+DRB1*11:16	DRB1*03:08+DRB1*13:40	
DRB1*03:06+DRB1*11:20	DRB1*03:08+DRB1*13:36	
DRB1*03:06+DRB1*11:21	DRB1*03:20+DRB1*11:48	
DRB1*03:06+DRB1*11:23	DRB1*03:08+DRB1*13:47	
DRB1*03:06+DRB1*11:25	DRB1*03:08+DRB1*08:20	
DRB1*03:06+DRB1*11:37	DRB1*03:41+DRB1*11:83	
DRB1*03:06+DRB1*11:39	DRB1*03:37+DRB1*11:37	
DRB1*03:06+DRB1*11:43	DRB1*03:37+DRB1*11:56	
DRB1*03:06+DRB1*11:44	DRB1*03:26+DRB1*11:04:01G	DRB1*03:33+DRB1*11:56
DRB1*03:06+DRB1*11:49	DRB1*03:26+DRB1*11:01:01G	DRB1*03:33+DRB1*11:37
DRB1*03:06+DRB1*11:67	DRB1*03:08+DRB1*08:04:01G	
DRB1*03:06+DRB1*11:73	DRB1*03:08+DRB1*13:37	
DRB1*03:06+DRB1*11:85	DRB1*03:26+DRB1*11:03	DRB1*03:33+DRB1*11:41
DRB1*03:06+DRB1*11:91	DRB1*03:48+DRB1*11:37	
DRB1*03:06+DRB1*13:39	DRB1*03:13:01+DRB1*13:36	
DRB1*03:06+DRB1*13:52	DRB1*03:25+DRB1*13:40	DRB1*03:31+DRB1*13:01:01G
DRB1*03:06+DRB1*13:64	DRB1*03:43+DRB1*13:40	
DRB1*03:06+DRB1*13:79	DRB1*03:13:01+DRB1*13:40	
DRB1*03:06+DRB1*13:80	DRB1*03:16+DRB1*13:40	
DRB1*03:06+DRB1*13:92	DRB1*03:54+DRB1*13:40	
DRB1*03:06+DRB1*13:97	DRB1*03:25+DRB1*13:36	DRB1*03:31+DRB1*13:02:01
DRB1*03:06+DRB1*14:42	DRB1*03:41+DRB1*14:95	
DRB1*03:06+DRB1*15:19	DRB1*03:50+DRB1*15:11	
DRB1*03:06+DRB1*15:24	DRB1*03:54+DRB1*15:07	
DRB1*03:06+DRB1*15:35	DRB1*03:20+DRB1*15:07	
DRB1*03:06+DRB1*15:47	DRB1*03:37+DRB1*15:11	
DRB1*03:07+DRB1*04:02	DRB1*04:22+DRB1*13:01:01G	
DRB1*03:07+DRB1*04:03:01G	DRB1*04:22+DRB1*14:33	
DRB1*03:07+DRB1*04:04:01	DRB1*04:22+DRB1*14:17	
DRB1*03:07+DRB1*04:08:01	DRB1*04:22+DRB1*14:30	
DRB1*03:07+DRB1*04:13	DRB1*04:22+DRB1*14:21	
DRB1*03:07+DRB1*04:14	DRB1*04:22+DRB1*13:02:01	
DRB1*03:07+DRB1*04:25	DRB1*04:22+DRB1*13:18	
DRB1*03:07+DRB1*04:36	DRB1*04:22+DRB1*13:42	
DRB1*03:07+DRB1*04:37	DRB1*04:22+DRB1*13:20	
DRB1*03:07+DRB1*11:01:01G	DRB1*11:07+DRB1*13:05:01G	
DRB1*03:07+DRB1*11:02:01	DRB1*11:07+DRB1*13:01:01G	
DRB1*03:07+DRB1*11:04:01G	DRB1*11:07+DRB1*13:42	
DRB1*03:07+DRB1*11:08:01G	DRB1*11:07+DRB1*13:56	
DRB1*03:07+DRB1*11:10:01G	DRB1*03:21+DRB1*11:09	
DRB1*03:07+DRB1*11:11:01G	DRB1*03:40+DRB1*11:40	DRB1*11:07+DRB1*13:63
DRB1*03:07+DRB1*11:12:01	DRB1*03:21+DRB1*11:28:01	
DRB1*03:07+DRB1*11:12:02	DRB1*03:21+DRB1*11:28:02	
DRB1*03:07+DRB1*11:14:01G	DRB1*03:40+DRB1*11:16	DRB1*11:07+DRB1*13:02:01
DRB1*03:07+DRB1*11:18	DRB1*11:07+DRB1*13:06	
DRB1*03:07+DRB1*11:25	DRB1*11:07+DRB1*13:18	
DRB1*03:07+DRB1*11:26	DRB1*11:07+DRB1*14:30	
DRB1*03:07+DRB1*11:34	DRB1*11:07+DRB1*14:17	
DRB1*03:07+DRB1*11:36	DRB1*11:07+DRB1*13:20	
DRB1*03:07+DRB1*11:48	DRB1*11:07+DRB1*13:40	
DRB1*03:07+DRB1*11:68	DRB1*11:07+DRB1*13:29	
DRB1*03:07+DRB1*11:86	DRB1*11:07+DRB1*13:16	
DRB1*03:07+DRB1*13:07:01	DRB1*03:41+DRB1*13:42	
DRB1*03:07+DRB1*13:08	DRB1*03:21+DRB1*13:40	
DRB1*03:07+DRB1*13:14:01G	DRB1*03:40+DRB1*13:42	
DRB1*03:07+DRB1*13:23	DRB1*03:40+DRB1*13:01:01G	
DRB1*03:07+DRB1*13:37	DRB1*03:41+DRB1*13:10	
DRB1*03:07+DRB1*13:38	DRB1*03:40+DRB1*13:32	DRB1*03:41+DRB1*13:93
DRB1*03:07+DRB1*13:47	DRB1*03:41+DRB1*13:18	
DRB1*03:07+DRB1*13:57	DRB1*03:21+DRB1*13:15	
DRB1*03:07+DRB1*13:82	DRB1*03:40+DRB1*13:06	
DRB1*03:07+DRB1*13:83	DRB1*03:21+DRB1*13:01:01G	
DRB1*03:07+DRB1*13:86	DRB1*03:29+DRB1*13:44	
DRB1*03:07+DRB1*14:20	DRB1*03:21+DRB1*14:06:01G	
DRB1*03:07+DRB1*14:40	DRB1*03:21+DRB1*14:03:01	
DRB1*03:07+DRB1*14:48	DRB1*03:38+DRB1*14:17	
DRB1*03:07+DRB1*15:01:01G	DRB1*13:09+DRB1*15:25	
DRB1*03:07+DRB1*15:10	DRB1*13:01:01G+DRB1*15:25	
DRB1*03:07+DRB1*15:27	DRB1*14:30+DRB1*15:25	
DRB1*03:07+DRB1*15:34	DRB1*14:09+DRB1*15:25	
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DRB1*03:08+DRB1*11:03	DRB1*11:07+DRB1*11:59	
DRB1*03:08+DRB1*11:56	DRB1*11:07+DRB1*11:83	
DRB1*03:08+DRB1*13:04	DRB1*03:12+DRB1*11:02:01	
DRB1*03:08+DRB1*13:21:01G	DRB1*03:12+DRB1*11:01:01G	
DRB1*03:08+DRB1*13:30	DRB1*03:12+DRB1*11:19:01	
DRB1*03:08+DRB1*13:39	DRB1*03:13:01+DRB1*11:20	
DRB1*03:08+DRB1*13:45	DRB1*03:10+DRB1*11:14:01G	
DRB1*03:08+DRB1*13:48	DRB1*03:12+DRB1*11:48	
DRB1*03:08+DRB1*13:49	DRB1*03:12+DRB1*11:37	
DRB1*03:08+DRB1*13:52	DRB1*03:25+DRB1*11:16	
DRB1*03:08+DRB1*13:64	DRB1*03:43+DRB1*11:16	
DRB1*03:08+DRB1*13:66:01G	DRB1*03:12+DRB1*11:73	
DRB1*03:08+DRB1*13:75	DRB1*03:12+DRB1*11:03	

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DRB1*03:08+DRB1*13:79	DRB1*03:13:01+DRB1*11:16
DRB1*03:08+DRB1*13:80	DRB1*03:16+DRB1*11:16
DRB1*03:08+DRB1*13:83	DRB1*03:30+DRB1*11:16
DRB1*03:08+DRB1*13:92	DRB1*03:54+DRB1*11:16
DRB1*03:08+DRB1*13:93	DRB1*03:12+DRB1*11:16
DRB1*03:08+DRB1*13:97	DRB1*03:25+DRB1*11:20
DRB1*03:08+DRB1*14:01:01G	DRB1*03:10+DRB1*11:17
DRB1*03:08+DRB1*14:04	DRB1*03:10+DRB1*14:11
DRB1*03:08+DRB1*14:25	DRB1*03:10+DRB1*11:37
DRB1*03:08+DRB1*14:53	DRB1*03:10+DRB1*11:01:01G
DRB1*03:08+DRB1*14:65	DRB1*03:12+DRB1*11:13:01G
DRB1*03:09+DRB1*03:15	DRB1*03:14+DRB1*03:23
DRB1*03:09+DRB1*04:02	DRB1*03:23+DRB1*04:14
DRB1*03:09+DRB1*04:03:01G	DRB1*03:23+DRB1*04:07:01G
DRB1*03:09+DRB1*04:04:01	DRB1*03:23+DRB1*04:08:01
DRB1*03:09+DRB1*04:04:02	DRB1*03:23+DRB1*04:08:02
DRB1*03:09+DRB1*04:06:01G	DRB1*03:23+DRB1*04:20
DRB1*03:09+DRB1*04:10	DRB1*03:23+DRB1*04:05:01G
DRB1*03:09+DRB1*04:11	DRB1*03:23+DRB1*04:17:01G
DRB1*03:09+DRB1*04:12	DRB1*03:23+DRB1*04:86
DRB1*03:09+DRB1*04:13	DRB1*03:23+DRB1*04:01:01
DRB1*03:09+DRB1*04:25	DRB1*03:23+DRB1*04:54
DRB1*03:09+DRB1*04:42	DRB1*03:23+DRB1*04:43
DRB1*03:09+DRB1*04:55	DRB1*03:23+DRB1*04:31
DRB1*03:09+DRB1*04:67	DRB1*03:23+DRB1*04:09
DRB1*03:09+DRB1*04:68	DRB1*03:23+DRB1*04:19
DRB1*03:09+DRB1*08:04:01G	DRB1*03:23+DRB1*08:02:01G
DRB1*03:09+DRB1*08:06	DRB1*03:23+DRB1*08:01:01G
DRB1*03:09+DRB1*08:12	DRB1*03:20+DRB1*08:27
DRB1*03:09+DRB1*08:20	DRB1*03:23+DRB1*13:47
DRB1*03:09+DRB1*08:31	DRB1*03:23+DRB1*08:41
DRB1*03:09+DRB1*09:06	DRB1*03:23+DRB1*09:01:02
DRB1*03:09+DRB1*10:02	DRB1*03:23+DRB1*10:01:01
DRB1*03:09+DRB1*11:02:01	DRB1*03:23+DRB1*11:14:01G
DRB1*03:09+DRB1*11:03	DRB1*03:23+DRB1*11:11:01G
DRB1*03:09+DRB1*11:04:01G	DRB1*03:23+DRB1*11:01:01G
DRB1*03:09+DRB1*11:04:03	DRB1*03:23+DRB1*11:01:05
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DRB1*03:09+DRB1*11:04:05	DRB1*03:23+DRB1*11:01:04
DRB1*03:09+DRB1*11:16	DRB1*03:23+DRB1*11:20
DRB1*03:09+DRB1*11:18	DRB1*03:23+DRB1*11:19:01
DRB1*03:09+DRB1*11:25	DRB1*03:23+DRB1*11:23
DRB1*03:09+DRB1*11:34	DRB1*03:23+DRB1*11:26
DRB1*03:09+DRB1*11:35	DRB1*03:23+DRB1*11:33
DRB1*03:09+DRB1*11:36	DRB1*03:23+DRB1*11:68
DRB1*03:09+DRB1*11:42	DRB1*03:23+DRB1*11:08:01G
DRB1*03:09+DRB1*11:43	DRB1*03:23+DRB1*11:39
DRB1*03:09+DRB1*11:44	DRB1*03:23+DRB1*11:49
DRB1*03:09+DRB1*11:56	DRB1*03:23+DRB1*11:37
DRB1*03:09+DRB1*11:58:01	DRB1*03:23+DRB1*11:28:02
DRB1*03:09+DRB1*11:58:02	DRB1*03:23+DRB1*11:28:01
DRB1*03:09+DRB1*11:84	DRB1*03:23+DRB1*11:27:01
DRB1*03:09+DRB1*11:92	DRB1*03:23+DRB1*11:72
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DRB1*03:09+DRB1*13:01:05	DRB1*03:23+DRB1*13:02:03
DRB1*03:09+DRB1*13:11:01	DRB1*03:23+DRB1*13:14:01G
DRB1*03:09+DRB1*13:11:02	DRB1*03:23+DRB1*13:14:02
DRB1*03:09+DRB1*13:20	DRB1*03:23+DRB1*13:29
DRB1*03:09+DRB1*13:22	DRB1*03:23+DRB1*13:23
DRB1*03:09+DRB1*13:27	DRB1*03:23+DRB1*13:41
DRB1*03:09+DRB1*13:32	DRB1*03:23+DRB1*13:65
DRB1*03:09+DRB1*13:40	DRB1*03:23+DRB1*13:36
DRB1*03:09+DRB1*13:42	DRB1*03:23+DRB1*13:05:01G
DRB1*03:09+DRB1*13:48	DRB1*03:23+DRB1*13:38
DRB1*03:09+DRB1*13:52	DRB1*03:23+DRB1*13:97
DRB1*03:09+DRB1*13:79	DRB1*03:23+DRB1*13:39
DRB1*03:09+DRB1*13:89	DRB1*03:23+DRB1*13:03:01G
DRB1*03:09+DRB1*13:94	DRB1*03:23+DRB1*13:33:01
DRB1*03:09+DRB1*14:01:01G	DRB1*03:23+DRB1*14:07:01G
DRB1*03:09+DRB1*14:04	DRB1*03:23+DRB1*14:68
DRB1*03:09+DRB1*14:05:01	DRB1*03:23+DRB1*14:44:01
DRB1*03:09+DRB1*14:05:03	DRB1*03:23+DRB1*14:44:02
DRB1*03:09+DRB1*14:06:01G	DRB1*03:23+DRB1*14:02
DRB1*03:09+DRB1*14:02:01G	DRB1*03:23+DRB1*14:03:01
DRB1*03:09+DRB1*14:15	DRB1*03:23+DRB1*08:09
DRB1*03:09+DRB1*14:17	DRB1*03:23+DRB1*14:30
DRB1*03:09+DRB1*14:23:01	DRB1*03:23+DRB1*14:14
DRB1*03:09+DRB1*14:78	DRB1*03:23+DRB1*14:63
DRB1*03:09+DRB1*14:80	DRB1*03:23+DRB1*14:09
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DRB1*03:09+DRB1*15:01:03	DRB1*03:23+DRB1*15:02:06
DRB1*03:09+DRB1*15:01:04	DRB1*03:23+DRB1*15:02:02G
DRB1*03:09+DRB1*15:01:09	DRB1*03:23+DRB1*15:02:04
DRB1*03:09+DRB1*15:01:10	DRB1*03:23+DRB1*15:02:08
DRB1*03:09+DRB1*15:04	DRB1*03:23+DRB1*15:15
DRB1*03:09+DRB1*15:05	DRB1*03:23+DRB1*15:31
DRB1*03:09+DRB1*15:07	DRB1*03:23+DRB1*15:11
DRB1*03:09+DRB1*16:15	DRB1*03:23+DRB1*16:01:01
DRB1*03:10+DRB1*04:09	DRB1*03:12+DRB1*04:62
DRB1*03:10+DRB1*04:38	DRB1*03:19+DRB1*04:62
DRB1*03:10+DRB1*08:01:01G	DRB1*03:12+DRB1*08:08
DRB1*03:10+DRB1*13:01:01G	DRB1*03:19+DRB1*13:43
DRB1*03:10+DRB1*13:21:01G	DRB1*03:12+DRB1*14:53
DRB1*03:10+DRB1*13:49	DRB1*03:12+DRB1*14:25
DRB1*03:10+DRB1*13:78	DRB1*03:13:01+DRB1*13:43
DRB1*03:10+DRB1*14:36	DRB1*03:18+DRB1*14:07:01G
DRB1*03:11:01+DRB1*03:13:02	DRB1*03:11:02+DRB1*03:13:01
DRB1*03:11:01+DRB1*04:72:02	DRB1*03:11:02+DRB1*04:72:01
DRB1*03:11:01+DRB1*11:27:01	DRB1*03:11:02+DRB1*11:27:02
DRB1*03:11:01+DRB1*13:33:02G	DRB1*03:11:02+DRB1*13:33:01
DRB1*03:11:02+DRB1*03:21	DRB1*03:24+DRB1*03:30
DRB1*03:11:02+DRB1*11:09	DRB1*03:24+DRB1*11:87
DRB1*03:11:02+DRB1*11:40	DRB1*03:24+DRB1*11:59
DRB1*03:11:02+DRB1*11:62	DRB1*03:24+DRB1*11:80
DRB1*03:11:02+DRB1*13:01:01G	DRB1*03:24+DRB1*13:27

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DRB1*03:11:02+DRB1*13:02:01	DRB1*03:24+DRB1*13:41
DRB1*03:11:02+DRB1*13:20	DRB1*03:24+DRB1*13:71
DRB1*03:11:02+DRB1*14:01:01G	DRB1*03:24+DRB1*14:82
DRB1*03:11:02+DRB1*14:44:01	DRB1*03:35+DRB1*14:95
DRB1*03:12+DRB1*04:27	DRB1*03:20+DRB1*04:11
DRB1*03:12+DRB1*04:38	DRB1*03:19+DRB1*04:09
DRB1*03:12+DRB1*04:40	DRB1*03:46+DRB1*04:10
DRB1*03:12+DRB1*04:56	DRB1*03:19+DRB1*04:10
DRB1*03:12+DRB1*04:88	DRB1*03:19+DRB1*04:11
DRB1*03:12+DRB1*13:08	DRB1*03:30+DRB1*13:32
DRB1*03:12+DRB1*13:52	DRB1*03:25+DRB1*13:93
DRB1*03:12+DRB1*13:64	DRB1*03:43+DRB1*13:93
DRB1*03:12+DRB1*13:79	DRB1*03:13:01+DRB1*13:93
DRB1*03:12+DRB1*13:80	DRB1*03:16+DRB1*13:93
DRB1*03:12+DRB1*13:83	DRB1*03:30+DRB1*13:93
DRB1*03:12+DRB1*13:92	DRB1*03:54+DRB1*13:93
DRB1*03:12+DRB1*14:27	DRB1*03:58+DRB1*14:85
DRB1*03:12+DRB1*14:40	DRB1*03:30+DRB1*14:85
DRB1*03:12+DRB1*14:41	DRB1*03:43+DRB1*14:13
DRB1*03:12+DRB1*14:46	DRB1*03:42+DRB1*14:13
DRB1*03:12+DRB1*14:77	DRB1*03:43+DRB1*14:85
DRB1*03:13:01+DRB1*04:72:02	DRB1*03:13:02+DRB1*04:72:01
DRB1*03:13:01+DRB1*11:27:01	DRB1*03:13:02+DRB1*11:27:02
DRB1*03:13:01+DRB1*13:33:02G	DRB1*03:13:02+DRB1*13:33:01
DRB1*03:13:01+DRB1*13:52	DRB1*03:25+DRB1*13:79
DRB1*03:13:01+DRB1*13:64	DRB1*03:43+DRB1*13:79
DRB1*03:13:01+DRB1*13:80	DRB1*03:16+DRB1*13:79
DRB1*03:13:01+DRB1*13:83	DRB1*03:30+DRB1*13:79
DRB1*03:13:01+DRB1*13:92	DRB1*03:54+DRB1*13:79
DRB1*03:13:01+DRB1*13:97	DRB1*03:25+DRB1*13:39
DRB1*03:14+DRB1*04:02	DRB1*03:15+DRB1*04:14
DRB1*03:14+DRB1*04:03:01G	DRB1*03:15+DRB1*04:07:01G
DRB1*03:14+DRB1*04:04:01	DRB1*03:15+DRB1*04:08:01
DRB1*03:14+DRB1*04:04:02	DRB1*03:15+DRB1*04:08:02
DRB1*03:14+DRB1*04:06:01G	DRB1*03:15+DRB1*04:20
DRB1*03:14+DRB1*04:10	DRB1*03:15+DRB1*04:05:01G
DRB1*03:14+DRB1*04:11	DRB1*03:15+DRB1*04:17:01G
DRB1*03:14+DRB1*04:12	DRB1*03:15+DRB1*04:86
DRB1*03:14+DRB1*04:13	DRB1*03:15+DRB1*04:01:01
DRB1*03:14+DRB1*04:25	DRB1*03:15+DRB1*04:54
DRB1*03:14+DRB1*04:42	DRB1*03:15+DRB1*04:43
DRB1*03:14+DRB1*04:55	DRB1*03:15+DRB1*04:31
DRB1*03:14+DRB1*04:67	DRB1*03:15+DRB1*04:09
DRB1*03:14+DRB1*04:68	DRB1*03:15+DRB1*04:19
DRB1*03:14+DRB1*08:04:01G	DRB1*03:15+DRB1*08:02:01G
DRB1*03:14+DRB1*08:06	DRB1*03:15+DRB1*08:01:01G
DRB1*03:14+DRB1*08:10	DRB1*03:15+DRB1*08:03:02
DRB1*03:14+DRB1*08:20	DRB1*03:15+DRB1*13:47
DRB1*03:14+DRB1*08:31	DRB1*03:15+DRB1*08:41
DRB1*03:14+DRB1*09:06	DRB1*03:15+DRB1*09:01:02
DRB1*03:14+DRB1*10:02	DRB1*03:15+DRB1*10:01:01
DRB1*03:14+DRB1*11:02:01	DRB1*03:15+DRB1*11:14:01G
DRB1*03:14+DRB1*11:03	DRB1*03:15+DRB1*11:11:01G
DRB1*03:14+DRB1*11:04:01G	DRB1*03:15+DRB1*11:01:01G
DRB1*03:14+DRB1*11:04:03	DRB1*03:15+DRB1*11:01:05
DRB1*03:14+DRB1*11:04:04	DRB1*03:15+DRB1*11:01:12
DRB1*03:14+DRB1*11:04:05	DRB1*03:15+DRB1*11:01:04
DRB1*03:14+DRB1*11:16	DRB1*03:15+DRB1*11:20
DRB1*03:14+DRB1*11:18	DRB1*03:15+DRB1*11:19:01
DRB1*03:14+DRB1*11:25	DRB1*03:15+DRB1*11:23
DRB1*03:14+DRB1*11:34	DRB1*03:15+DRB1*11:26
DRB1*03:14+DRB1*11:35	DRB1*03:15+DRB1*11:33
DRB1*03:14+DRB1*11:36	DRB1*03:15+DRB1*11:68
DRB1*03:14+DRB1*11:42	DRB1*03:15+DRB1*11:08:01G
DRB1*03:14+DRB1*11:43	DRB1*03:15+DRB1*11:39
DRB1*03:14+DRB1*11:44	DRB1*03:15+DRB1*11:49
DRB1*03:14+DRB1*11:56	DRB1*03:15+DRB1*11:37
DRB1*03:14+DRB1*11:58:01	DRB1*03:15+DRB1*11:28:02
DRB1*03:14+DRB1*11:58:02	DRB1*03:15+DRB1*11:28:01
DRB1*03:14+DRB1*11:92	DRB1*03:15+DRB1*11:72
DRB1*03:14+DRB1*13:01:01G	DRB1*03:15+DRB1*13:02:01
DRB1*03:14+DRB1*13:01:05	DRB1*03:15+DRB1*13:02:03
DRB1*03:14+DRB1*13:11:01	DRB1*03:15+DRB1*13:14:01G
DRB1*03:14+DRB1*13:11:02	DRB1*03:15+DRB1*13:14:02
DRB1*03:14+DRB1*13:20	DRB1*03:15+DRB1*13:29
DRB1*03:14+DRB1*13:22	DRB1*03:15+DRB1*13:23
DRB1*03:14+DRB1*13:27	DRB1*03:15+DRB1*13:41
DRB1*03:14+DRB1*13:32	DRB1*03:15+DRB1*13:65
DRB1*03:14+DRB1*13:40	DRB1*03:15+DRB1*13:36
DRB1*03:14+DRB1*13:42	DRB1*03:15+DRB1*13:05:01G
DRB1*03:14+DRB1*13:48	DRB1*03:15+DRB1*13:38
DRB1*03:14+DRB1*13:52	DRB1*03:15+DRB1*13:97
DRB1*03:14+DRB1*13:79	DRB1*03:15+DRB1*13:39
DRB1*03:14+DRB1*13:89	DRB1*03:15+DRB1*13:03:01G
DRB1*03:14+DRB1*14:01:01G	DRB1*03:15+DRB1*14:07:01G
DRB1*03:14+DRB1*14:04	DRB1*03:15+DRB1*14:68
DRB1*03:14+DRB1*14:05:01	DRB1*03:15+DRB1*14:44:01
DRB1*03:14+DRB1*14:05:03	DRB1*03:15+DRB1*14:44:02
DRB1*03:14+DRB1*14:06:01G	DRB1*03:15+DRB1*14:02
DRB1*03:14+DRB1*14:02:01G	DRB1*03:15+DRB1*14:03:01
DRB1*03:14+DRB1*14:15	DRB1*03:15+DRB1*08:09
DRB1*03:14+DRB1*14:17	DRB1*03:15+DRB1*14:30
DRB1*03:14+DRB1*14:23:01	DRB1*03:15+DRB1*14:14
DRB1*03:14+DRB1*14:78	DRB1*03:15+DRB1*14:63
DRB1*03:14+DRB1*14:80	DRB1*03:15+DRB1*14:09
DRB1*03:14+DRB1*15:01:01G	DRB1*03:15+DRB1*15:02:01
DRB1*03:14+DRB1*15:01:03	DRB1*03:15+DRB1*15:02:06
DRB1*03:14+DRB1*15:01:04	DRB1*03:15+DRB1*15:02:02G
DRB1*03:14+DRB1*15:01:09	DRB1*03:15+DRB1*15:02:04
DRB1*03:14+DRB1*15:01:10	DRB1*03:15+DRB1*15:02:08
DRB1*03:14+DRB1*15:04	DRB1*03:15+DRB1*15:15
DRB1*03:14+DRB1*15:05	DRB1*03:15+DRB1*15:31
DRB1*03:14+DRB1*15:07	DRB1*03:15+DRB1*15:11
DRB1*03:14+DRB1*16:15	DRB1*03:15+DRB1*16:01:01
DRB1*03:16+DRB1*08:27	DRB1*03:23+DRB1*08:33

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DRB1*03:16+DRB1*13:52	DRB1*03:25+DRB1*13:80
DRB1*03:16+DRB1*13:64	DRB1*03:43+DRB1*13:80
DRB1*03:16+DRB1*13:83	DRB1*03:30+DRB1*13:80
DRB1*03:16+DRB1*13:92	DRB1*03:54+DRB1*13:80
DRB1*03:19+DRB1*04:25	DRB1*03:58+DRB1*04:18
DRB1*03:19+DRB1*04:27	DRB1*03:20+DRB1*04:88
DRB1*03:19+DRB1*04:40	DRB1*03:46+DRB1*04:56
DRB1*03:19+DRB1*08:01:01G	DRB1*03:58+DRB1*08:03:02
DRB1*03:19+DRB1*08:02:01G	DRB1*03:58+DRB1*08:30:01
DRB1*03:19+DRB1*08:05	DRB1*03:58+DRB1*08:18
DRB1*03:19+DRB1*08:06	DRB1*03:58+DRB1*08:10
DRB1*03:19+DRB1*08:17	DRB1*03:58+DRB1*08:37
DRB1*03:19+DRB1*08:22	DRB1*03:58+DRB1*08:12
DRB1*03:19+DRB1*11:01:01G	DRB1*03:58+DRB1*11:19:01
DRB1*03:19+DRB1*11:01:03G	DRB1*03:58+DRB1*11:19:02
DRB1*03:19+DRB1*11:03	DRB1*03:58+DRB1*11:02:01
DRB1*03:19+DRB1*11:04:01G	DRB1*03:58+DRB1*11:18
DRB1*03:19+DRB1*11:11:01G	DRB1*03:58+DRB1*11:14:01G
DRB1*03:19+DRB1*11:23	DRB1*03:58+DRB1*11:45
DRB1*03:19+DRB1*11:40	DRB1*03:58+DRB1*11:16
DRB1*03:19+DRB1*11:41	DRB1*03:58+DRB1*11:48
DRB1*03:19+DRB1*11:57	DRB1*03:20+DRB1*11:18
DRB1*03:19+DRB1*11:69	DRB1*03:58+DRB1*11:82
DRB1*03:19+DRB1*11:93	DRB1*03:58+DRB1*11:73
DRB1*03:19+DRB1*11:96	DRB1*03:58+DRB1*11:31
DRB1*03:19+DRB1*12:02:01	DRB1*03:58+DRB1*12:01:01G
DRB1*03:19+DRB1*12:02:02	DRB1*03:58+DRB1*12:01:03
DRB1*03:19+DRB1*12:15	DRB1*03:58+DRB1*12:05
DRB1*03:19+DRB1*13:14:01G	DRB1*03:58+DRB1*13:82
DRB1*03:19+DRB1*13:21:01G	DRB1*03:58+DRB1*13:30
DRB1*03:19+DRB1*13:24	DRB1*03:58+DRB1*13:22
DRB1*03:19+DRB1*13:42	DRB1*03:58+DRB1*13:06
DRB1*03:19+DRB1*13:49	DRB1*03:58+DRB1*13:12
DRB1*03:19+DRB1*13:55	DRB1*03:58+DRB1*13:13
DRB1*03:19+DRB1*13:63	DRB1*03:58+DRB1*13:02:01
DRB1*03:19+DRB1*13:75	DRB1*03:58+DRB1*13:04
DRB1*03:19+DRB1*14:27	DRB1*03:58+DRB1*14:67
DRB1*03:19+DRB1*14:40	DRB1*03:30+DRB1*14:67
DRB1*03:19+DRB1*14:77	DRB1*03:43+DRB1*14:67
DRB1*03:19+DRB1*14:96	DRB1*03:37+DRB1*14:45
DRB1*03:19+DRB1*15:04	DRB1*03:58+DRB1*15:01:01G
DRB1*03:19+DRB1*15:15	DRB1*03:58+DRB1*15:02:01
DRB1*03:19+DRB1*16:01:01	DRB1*03:58+DRB1*16:05:01
DRB1*03:20+DRB1*11:43	DRB1*03:37+DRB1*11:06:01
DRB1*03:20+DRB1*11:44	DRB1*03:33+DRB1*11:06:01
DRB1*03:20+DRB1*14:20	DRB1*03:30+DRB1*14:29
DRB1*03:20+DRB1*14:26	DRB1*03:54+DRB1*14:99
DRB1*03:20+DRB1*14:86	DRB1*03:37+DRB1*14:99
DRB1*03:20+DRB1*15:24	DRB1*03:54+DRB1*15:35
DRB1*03:21+DRB1*04:02	DRB1*04:22+DRB1*13:83
DRB1*03:21+DRB1*08:02:01G	DRB1*03:40+DRB1*14:15
DRB1*03:21+DRB1*08:38	DRB1*03:49+DRB1*08:35
DRB1*03:21+DRB1*11:02:01	DRB1*11:07+DRB1*13:83
DRB1*03:21+DRB1*11:48	DRB1*11:07+DRB1*13:08
DRB1*03:21+DRB1*11:59	DRB1*03:30+DRB1*11:40
DRB1*03:21+DRB1*11:80	DRB1*03:30+DRB1*11:62
DRB1*03:21+DRB1*13:23	DRB1*03:40+DRB1*13:83
DRB1*03:21+DRB1*13:71	DRB1*03:30+DRB1*13:20
DRB1*03:21+DRB1*14:04	DRB1*14:72+DRB1*14:76
DRB1*03:21+DRB1*14:69	DRB1*03:40+DRB1*14:74
DRB1*03:21+DRB1*14:82	DRB1*03:30+DRB1*14:01:01G
DRB1*03:21+DRB1*15:10	DRB1*13:83+DRB1*15:25
DRB1*03:24+DRB1*13:85	DRB1*03:27+DRB1*13:10
DRB1*03:24+DRB1*14:02	DRB1*03:27+DRB1*14:17
DRB1*03:24+DRB1*14:19	DRB1*03:27+DRB1*14:21
DRB1*03:24+DRB1*14:24	DRB1*03:27+DRB1*13:09
DRB1*03:24+DRB1*14:27	DRB1*03:27+DRB1*13:18
DRB1*03:24+DRB1*14:51	DRB1*03:27+DRB1*14:33
DRB1*03:25+DRB1*03:41	DRB1*03:31+DRB1*03:40
DRB1*03:25+DRB1*04:01:01	DRB1*03:31+DRB1*04:35
DRB1*03:25+DRB1*04:03:01G	DRB1*03:31+DRB1*04:59
DRB1*03:25+DRB1*04:04:01	DRB1*03:31+DRB1*04:42
DRB1*03:25+DRB1*04:05:01G	DRB1*03:31+DRB1*04:28
DRB1*03:25+DRB1*04:08:01	DRB1*03:31+DRB1*04:43
DRB1*03:25+DRB1*08:01:01G	DRB1*03:31+DRB1*08:17
DRB1*03:25+DRB1*08:03:02	DRB1*03:31+DRB1*08:37
DRB1*03:25+DRB1*08:04:01G	DRB1*03:31+DRB1*08:28
DRB1*03:25+DRB1*11:12:01	DRB1*03:30+DRB1*11:01:01G
DRB1*03:25+DRB1*11:12:02	DRB1*03:30+DRB1*11:01:12
DRB1*03:25+DRB1*11:37	DRB1*03:31+DRB1*11:01:01G
DRB1*03:25+DRB1*11:41	DRB1*03:31+DRB1*11:03
DRB1*03:25+DRB1*11:44	DRB1*03:44+DRB1*11:04:01G
DRB1*03:25+DRB1*11:48	DRB1*03:31+DRB1*11:02:01
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DRB1*03:25+DRB1*11:56	DRB1*03:31+DRB1*11:04:01G
DRB1*03:25+DRB1*11:85	DRB1*03:44+DRB1*11:03
DRB1*03:25+DRB1*12:21	DRB1*03:31+DRB1*12:02:01
DRB1*03:25+DRB1*13:03:01G	DRB1*03:31+DRB1*13:66:01G
DRB1*03:25+DRB1*13:07:01	DRB1*03:31+DRB1*13:14:01G
DRB1*03:25+DRB1*13:07:02	DRB1*03:31+DRB1*13:14:02
DRB1*03:25+DRB1*13:08	DRB1*03:31+DRB1*13:83
DRB1*03:25+DRB1*13:12	DRB1*03:31+DRB1*13:30
DRB1*03:25+DRB1*13:19	DRB1*03:31+DRB1*13:57
DRB1*03:25+DRB1*13:32	DRB1*03:31+DRB1*13:93
DRB1*03:25+DRB1*13:48	DRB1*03:31+DRB1*13:04
DRB1*03:25+DRB1*13:49	DRB1*03:31+DRB1*13:21:01G
DRB1*03:25+DRB1*13:53	DRB1*03:31+DRB1*13:15
DRB1*03:25+DRB1*13:64	DRB1*03:43+DRB1*13:52
DRB1*03:25+DRB1*13:70	DRB1*03:31+DRB1*13:22
DRB1*03:25+DRB1*13:83	DRB1*03:30+DRB1*13:52
DRB1*03:25+DRB1*13:92	DRB1*03:54+DRB1*13:52
DRB1*03:25+DRB1*14:01:01G	DRB1*03:31+DRB1*14:35
DRB1*03:25+DRB1*14:09	DRB1*03:31+DRB1*14:30
DRB1*03:25+DRB1*14:25	DRB1*03:31+DRB1*14:53
DRB1*03:25+DRB1*14:80	DRB1*03:31+DRB1*14:17

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DRB1*03:25+DRB1*15:07	DRB1*03:31+DRB1*15:01:01G	
DRB1*03:25+DRB1*15:11	DRB1*03:31+DRB1*15:02:01	
DRB1*03:25+DRB1*15:34	DRB1*03:31+DRB1*15:27	
DRB1*03:25+DRB1*15:48	DRB1*03:31+DRB1*15:09	
DRB1*03:25+DRB1*16:01:01	DRB1*03:31+DRB1*16:09	
DRB1*03:25+DRB1*16:02:01	DRB1*03:31+DRB1*16:10	
DRB1*03:26+DRB1*03:40	DRB1*03:33+DRB1*03:41	
DRB1*03:26+DRB1*04:28	DRB1*03:33+DRB1*04:05:01G	DRB1*03:44+DRB1*04:77
DRB1*03:26+DRB1*04:35	DRB1*03:33+DRB1*04:01:01	
DRB1*03:26+DRB1*04:42	DRB1*03:33+DRB1*04:04:01	
DRB1*03:26+DRB1*04:43	DRB1*03:33+DRB1*04:08:01	
DRB1*03:26+DRB1*04:59	DRB1*03:33+DRB1*04:03:01G	DRB1*03:44+DRB1*04:41
DRB1*03:26+DRB1*08:17	DRB1*03:33+DRB1*08:01:01G	
DRB1*03:26+DRB1*08:28	DRB1*03:33+DRB1*08:04:01G	
DRB1*03:26+DRB1*08:37	DRB1*03:33+DRB1*08:03:02	
DRB1*03:26+DRB1*11:02:01	DRB1*03:33+DRB1*11:48	
DRB1*03:26+DRB1*12:02:01	DRB1*03:33+DRB1*12:21	
DRB1*03:26+DRB1*13:01:01G	DRB1*03:33+DRB1*13:40	
DRB1*03:26+DRB1*13:02:01	DRB1*03:33+DRB1*13:36	
DRB1*03:26+DRB1*13:04	DRB1*03:33+DRB1*13:48	
DRB1*03:26+DRB1*13:14:01G	DRB1*03:33+DRB1*13:07:01	
DRB1*03:26+DRB1*13:14:02	DRB1*03:33+DRB1*13:07:02	
DRB1*03:26+DRB1*13:15	DRB1*03:33+DRB1*13:53	
DRB1*03:26+DRB1*13:21:01G	DRB1*03:33+DRB1*13:49	
DRB1*03:26+DRB1*13:22	DRB1*03:33+DRB1*13:70	
DRB1*03:26+DRB1*13:30	DRB1*03:33+DRB1*13:12	
DRB1*03:26+DRB1*13:52	DRB1*03:44+DRB1*13:40	
DRB1*03:26+DRB1*13:57	DRB1*03:33+DRB1*13:19	
DRB1*03:26+DRB1*13:66:01G	DRB1*03:33+DRB1*13:03:01G	
DRB1*03:26+DRB1*13:83	DRB1*03:33+DRB1*13:08	
DRB1*03:26+DRB1*13:93	DRB1*03:33+DRB1*13:32	
DRB1*03:26+DRB1*13:97	DRB1*03:44+DRB1*13:36	
DRB1*03:26+DRB1*14:17	DRB1*03:33+DRB1*14:80	
DRB1*03:26+DRB1*14:30	DRB1*03:33+DRB1*14:09	
DRB1*03:26+DRB1*14:35	DRB1*03:33+DRB1*14:01:01G	
DRB1*03:26+DRB1*14:53	DRB1*03:33+DRB1*14:25	
DRB1*03:26+DRB1*15:01:01G	DRB1*03:33+DRB1*15:07	
DRB1*03:26+DRB1*15:02:01	DRB1*03:33+DRB1*15:11	
DRB1*03:26+DRB1*15:09	DRB1*03:33+DRB1*15:48	
DRB1*03:26+DRB1*15:27	DRB1*03:33+DRB1*15:34	
DRB1*03:26+DRB1*16:09	DRB1*03:33+DRB1*16:01:01	
DRB1*03:26+DRB1*16:10	DRB1*03:33+DRB1*16:02:01	
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DRB1*03:27+DRB1*13:72	DRB1*03:35+DRB1*13:53	
DRB1*03:29+DRB1*13:13	DRB1*03:40+DRB1*14:63	
DRB1*03:29+DRB1*13:22	DRB1*03:40+DRB1*13:15	
DRB1*03:29+DRB1*13:37	DRB1*03:40+DRB1*13:85	
DRB1*03:29+DRB1*13:47	DRB1*03:40+DRB1*14:27	
DRB1*03:30+DRB1*11:37	DRB1*03:31+DRB1*11:12:01	
DRB1*03:30+DRB1*11:49	DRB1*03:44+DRB1*11:12:01	
DRB1*03:30+DRB1*11:76	DRB1*03:43+DRB1*11:03	
DRB1*03:30+DRB1*12:05	DRB1*03:43+DRB1*12:14	
DRB1*03:30+DRB1*13:64	DRB1*03:43+DRB1*13:83	
DRB1*03:30+DRB1*13:92	DRB1*03:54+DRB1*13:83	
DRB1*03:30+DRB1*14:27	DRB1*03:58+DRB1*14:40	
DRB1*03:30+DRB1*14:59	DRB1*03:37+DRB1*14:23:01	
DRB1*03:30+DRB1*14:77	DRB1*03:43+DRB1*14:40	
DRB1*03:30+DRB1*14:97	DRB1*03:44+DRB1*14:01:01G	
DRB1*03:31+DRB1*11:44	DRB1*03:44+DRB1*11:56	
DRB1*03:31+DRB1*11:49	DRB1*03:44+DRB1*11:37	
DRB1*03:31+DRB1*11:85	DRB1*03:44+DRB1*11:41	
DRB1*03:33+DRB1*11:01:12	DRB1*03:44+DRB1*11:28:02	
DRB1*03:33+DRB1*11:04:04	DRB1*03:44+DRB1*11:58:01	
DRB1*03:33+DRB1*11:39	DRB1*03:37+DRB1*11:49	
DRB1*03:33+DRB1*11:43	DRB1*03:37+DRB1*11:44	
DRB1*03:33+DRB1*11:91	DRB1*03:48+DRB1*11:49	
DRB1*03:33+DRB1*13:14:01G	DRB1*03:44+DRB1*13:50:01	
DRB1*03:33+DRB1*13:52	DRB1*03:44+DRB1*13:01:01G	
DRB1*03:33+DRB1*13:83	DRB1*03:44+DRB1*13:87	
DRB1*03:33+DRB1*13:97	DRB1*03:44+DRB1*13:02:01	
DRB1*03:33+DRB1*14:58	DRB1*03:52+DRB1*14:97	
DRB1*03:33+DRB1*15:01:01G	DRB1*03:44+DRB1*15:32	
DRB1*03:37+DRB1*11:91	DRB1*03:48+DRB1*11:39	
DRB1*03:37+DRB1*14:26	DRB1*03:54+DRB1*14:86	
DRB1*03:37+DRB1*15:19	DRB1*03:50+DRB1*15:47	
DRB1*03:38+DRB1*04:04:01	DRB1*04:22+DRB1*14:48	
DRB1*03:38+DRB1*11:34	DRB1*11:07+DRB1*14:48	
DRB1*03:40+DRB1*04:01:01	DRB1*03:41+DRB1*04:35	
DRB1*03:40+DRB1*04:02	DRB1*04:22+DRB1*13:23	
DRB1*03:40+DRB1*04:03:01G	DRB1*03:41+DRB1*04:59	
DRB1*03:40+DRB1*04:04:01	DRB1*03:41+DRB1*04:42	
DRB1*03:40+DRB1*04:05:01G	DRB1*03:41+DRB1*04:28	
DRB1*03:40+DRB1*04:08:01	DRB1*03:41+DRB1*04:43	
DRB1*03:40+DRB1*04:13	DRB1*03:49+DRB1*04:63	
DRB1*03:40+DRB1*04:15	DRB1*04:22+DRB1*11:01:01G	
DRB1*03:40+DRB1*04:36	DRB1*04:22+DRB1*13:14:01G	
DRB1*03:40+DRB1*08:01:01G	DRB1*03:41+DRB1*08:17	
DRB1*03:40+DRB1*08:03:02	DRB1*03:41+DRB1*08:37	
DRB1*03:40+DRB1*08:04:01G	DRB1*03:41+DRB1*08:28	
DRB1*03:40+DRB1*08:31	DRB1*08:24+DRB1*11:07	
DRB1*03:40+DRB1*11:02:01	DRB1*11:07+DRB1*13:23	
DRB1*03:40+DRB1*11:04:01G	DRB1*11:07+DRB1*13:14:01G	
DRB1*03:40+DRB1*11:17	DRB1*11:07+DRB1*14:14	
DRB1*03:40+DRB1*11:18	DRB1*11:07+DRB1*13:82	
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DRB1*03:40+DRB1*11:41	DRB1*03:41+DRB1*11:03	
DRB1*03:40+DRB1*11:42	DRB1*11:07+DRB1*13:25	
DRB1*03:40+DRB1*11:48	DRB1*03:41+DRB1*11:02:01	
DRB1*03:40+DRB1*11:56	DRB1*03:41+DRB1*11:04:01G	DRB1*11:07+DRB1*13:07:01
DRB1*03:40+DRB1*11:58:01	DRB1*11:07+DRB1*13:50:02	
DRB1*03:40+DRB1*11:58:02	DRB1*11:07+DRB1*13:50:01	
DRB1*03:40+DRB1*12:21	DRB1*03:41+DRB1*12:02:01	
DRB1*03:40+DRB1*13:03:01G	DRB1*03:41+DRB1*13:66:01G	
DRB1*03:40+DRB1*13:07:01	DRB1*03:41+DRB1*13:14:01G	
DRB1*03:40+DRB1*13:07:02	DRB1*03:41+DRB1*13:14:02	

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DRB1*03:40+DRB1*13:08	DRB1*03:41+DRB1*13:83		
DRB1*03:40+DRB1*13:12	DRB1*03:41+DRB1*13:30		
DRB1*03:40+DRB1*13:19	DRB1*03:41+DRB1*13:57		
DRB1*03:40+DRB1*13:36	DRB1*03:41+DRB1*13:02:01		
DRB1*03:40+DRB1*13:40	DRB1*03:41+DRB1*13:01:01G		
DRB1*03:40+DRB1*13:48	DRB1*03:41+DRB1*13:04		
DRB1*03:40+DRB1*13:49	DRB1*03:41+DRB1*13:21:01G		
DRB1*03:40+DRB1*13:70	DRB1*03:41+DRB1*13:22		
DRB1*03:40+DRB1*14:01:01G	DRB1*03:41+DRB1*14:35		
DRB1*03:40+DRB1*14:04	DRB1*14:42+DRB1*14:79		
DRB1*03:40+DRB1*14:09	DRB1*03:41+DRB1*14:30		
DRB1*03:40+DRB1*14:25	DRB1*03:41+DRB1*14:53		
DRB1*03:40+DRB1*14:80	DRB1*03:41+DRB1*14:17		
DRB1*03:40+DRB1*15:07	DRB1*03:41+DRB1*15:01:01G		
DRB1*03:40+DRB1*15:10	DRB1*13:23+DRB1*15:25		
DRB1*03:40+DRB1*15:11	DRB1*03:41+DRB1*15:02:01		
DRB1*03:40+DRB1*15:34	DRB1*03:41+DRB1*15:27		
DRB1*03:40+DRB1*15:48	DRB1*03:41+DRB1*15:09		
DRB1*03:40+DRB1*16:01:01	DRB1*03:41+DRB1*16:09		
DRB1*03:40+DRB1*16:02:01	DRB1*03:41+DRB1*16:10		
DRB1*03:41+DRB1*04:12	DRB1*04:22+DRB1*13:13		
DRB1*03:41+DRB1*04:15	DRB1*04:22+DRB1*11:37		
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DRB1*03:41+DRB1*11:16	DRB1*11:07+DRB1*13:36		
DRB1*03:41+DRB1*11:25	DRB1*11:07+DRB1*13:47		
DRB1*03:41+DRB1*11:67	DRB1*08:02:01G+DRB1*11:07		
DRB1*03:42+DRB1*14:41	DRB1*03:43+DRB1*14:46		
DRB1*03:43+DRB1*13:92	DRB1*03:54+DRB1*13:64		
DRB1*03:43+DRB1*14:27	DRB1*03:58+DRB1*14:77		
DRB1*04:01:01+DRB1*04:02	DRB1*04:13+DRB1*04:14	DRB1*04:37+DRB1*04:38	
DRB1*04:01:01+DRB1*04:03:01G	DRB1*04:07:01G+DRB1*04:13		
DRB1*04:01:01+DRB1*04:04:01	DRB1*04:08:01+DRB1*04:13		
DRB1*04:01:01+DRB1*04:04:02	DRB1*04:08:02+DRB1*04:13		
DRB1*04:01:01+DRB1*04:05:01G	DRB1*04:08:01+DRB1*04:09		
DRB1*04:01:01+DRB1*04:06:01G	DRB1*04:03:01G+DRB1*04:21	DRB1*04:13+DRB1*04:20	
DRB1*04:01:01+DRB1*04:06:03	DRB1*04:03:04+DRB1*04:21		
DRB1*04:01:01+DRB1*04:06:04	DRB1*04:03:02+DRB1*04:21		
DRB1*04:01:01+DRB1*04:10	DRB1*04:04:01+DRB1*04:09	DRB1*04:05:01G+DRB1*04:13	DRB1*04:08:01+DRB1*04:67
DRB1*04:01:01+DRB1*04:11	DRB1*04:03:01G+DRB1*04:09	DRB1*04:07:01G+DRB1*04:67	DRB1*04:13+DRB1*04:17:01G
DRB1*04:01:01+DRB1*04:12	DRB1*04:09+DRB1*04:18	DRB1*04:13+DRB1*04:86	
DRB1*04:01:01+DRB1*04:17:01G	DRB1*04:07:01G+DRB1*04:09		
DRB1*04:01:01+DRB1*04:18	DRB1*04:38+DRB1*04:58		
DRB1*04:01:01+DRB1*04:19	DRB1*04:08:01+DRB1*04:21		
DRB1*04:01:01+DRB1*04:20	DRB1*04:07:01G+DRB1*04:21		
DRB1*04:01:01+DRB1*04:25	DRB1*04:13+DRB1*04:54		
DRB1*04:01:01+DRB1*04:28	DRB1*04:05:01G+DRB1*04:35	DRB1*04:09+DRB1*04:43	
DRB1*04:01:01+DRB1*04:42	DRB1*04:04:01+DRB1*04:35	DRB1*04:13+DRB1*04:43	
DRB1*04:01:01+DRB1*04:43	DRB1*04:08:01+DRB1*04:35		
DRB1*04:01:01+DRB1*04:44	DRB1*04:04:01+DRB1*04:72:02		
DRB1*04:01:01+DRB1*04:55	DRB1*04:13+DRB1*04:31		
DRB1*04:01:01+DRB1*04:56	DRB1*04:04:01+DRB1*04:38		
DRB1*04:01:01+DRB1*04:59	DRB1*04:03:01G+DRB1*04:35		
DRB1*04:01:01+DRB1*04:67	DRB1*04:09+DRB1*04:13		
DRB1*04:01:01+DRB1*04:68	DRB1*04:04:01+DRB1*04:21	DRB1*04:13+DRB1*04:19	
DRB1*04:01:01+DRB1*04:74	DRB1*04:07:01G+DRB1*04:72:02		
DRB1*04:01:01+DRB1*04:84	DRB1*04:05:01G+DRB1*04:21	DRB1*04:09+DRB1*04:19	
DRB1*04:01:01+DRB1*04:88	DRB1*04:03:01G+DRB1*04:38		
DRB1*04:01:01+DRB1*04:91	DRB1*04:06:01G+DRB1*04:09	DRB1*04:11+DRB1*04:21	DRB1*04:20+DRB1*04:67
DRB1*04:01:01+DRB1*07:01:03	DRB1*04:01:06+DRB1*07:01:01G		
DRB1*04:01:01+DRB1*07:04	DRB1*04:72:02+DRB1*07:11		
DRB1*04:01:01+DRB1*08:01:01G	DRB1*04:09+DRB1*08:02:01G		
DRB1*04:01:01+DRB1*08:03:02	DRB1*04:09+DRB1*08:30:01	DRB1*04:31+DRB1*08:40	DRB1*04:63+DRB1*08:38
DRB1*04:01:01+DRB1*08:04:01G	DRB1*04:13+DRB1*08:02:01G		
DRB1*04:01:01+DRB1*08:05	DRB1*04:09+DRB1*08:24		
DRB1*04:01:01+DRB1*08:06	DRB1*04:09+DRB1*08:04:01G	DRB1*04:13+DRB1*08:01:01G	DRB1*04:67+DRB1*08:02:01G
DRB1*04:01:01+DRB1*08:08	DRB1*04:62+DRB1*08:02:01G		
DRB1*04:01:01+DRB1*08:10	DRB1*04:13+DRB1*08:03:02	DRB1*04:55+DRB1*08:40	DRB1*04:67+DRB1*08:30:01
DRB1*04:01:01+DRB1*08:17	DRB1*04:35+DRB1*08:01:01G		
DRB1*04:01:01+DRB1*08:18	DRB1*04:08:01+DRB1*08:40		
DRB1*04:01:01+DRB1*08:20	DRB1*04:13+DRB1*13:47		
DRB1*04:01:01+DRB1*08:28	DRB1*04:35+DRB1*08:04:01G		
DRB1*04:01:01+DRB1*08:29	DRB1*04:07:01G+DRB1*08:40		
DRB1*04:01:01+DRB1*08:30:01	DRB1*04:38+DRB1*08:13		
DRB1*04:01:01+DRB1*08:31	DRB1*04:13+DRB1*08:41		
DRB1*04:01:01+DRB1*08:37	DRB1*04:35+DRB1*08:03:02		
DRB1*04:01:01+DRB1*09:01:04	DRB1*04:01:03+DRB1*09:01:02		
DRB1*04:01:01+DRB1*09:06	DRB1*04:13+DRB1*09:01:02		
DRB1*04:01:01+DRB1*10:02	DRB1*04:13+DRB1*10:01:01		
DRB1*04:01:01+DRB1*11:01:01G	DRB1*04:08:01+DRB1*11:93	DRB1*04:35+DRB1*11:37	
DRB1*04:01:01+DRB1*11:01:03G	DRB1*04:47+DRB1*11:79		
DRB1*04:01:01+DRB1*11:01:12	DRB1*04:01:03+DRB1*11:01:01G		
DRB1*04:01:01+DRB1*11:02:01	DRB1*04:02+DRB1*11:79 DRB1*04:38+DRB1*11:36	DRB1*04:13+DRB1*11:14:01G	DRB1*04:35+DRB1*11:48
DRB1*04:01:01+DRB1*11:03	DRB1*04:13+DRB1*11:11:01G	DRB1*04:35+DRB1*11:41	
DRB1*04:01:01+DRB1*11:04:01G	DRB1*04:04:01+DRB1*11:93 DRB1*04:36+DRB1*11:79	DRB1*04:13+DRB1*11:01:01G	DRB1*04:35+DRB1*11:56
DRB1*04:01:01+DRB1*11:04:03	DRB1*04:13+DRB1*11:01:05		
DRB1*04:01:01+DRB1*11:04:04	DRB1*04:01:03+DRB1*11:04:01G	DRB1*04:13+DRB1*11:01:12	
DRB1*04:01:01+DRB1*11:04:05	DRB1*04:13+DRB1*11:01:04		
DRB1*04:01:01+DRB1*11:07	DRB1*04:22+DRB1*11:79		
DRB1*04:01:01+DRB1*11:12:02	DRB1*04:01:03+DRB1*11:12:01		
DRB1*04:01:01+DRB1*11:14:01G	DRB1*04:14+DRB1*11:79	DRB1*04:38+DRB1*11:68	
DRB1*04:01:01+DRB1*11:16	DRB1*04:13+DRB1*11:20		
DRB1*04:01:01+DRB1*11:18	DRB1*04:04:01+DRB1*11:73	DRB1*04:13+DRB1*11:19:01	DRB1*04:38+DRB1*11:42
DRB1*04:01:01+DRB1*11:19:01	DRB1*04:08:01+DRB1*11:73	DRB1*04:38+DRB1*11:08:01G	
DRB1*04:01:01+DRB1*11:23	DRB1*04:31+DRB1*11:93	DRB1*04:54+DRB1*11:79	
DRB1*04:01:01+DRB1*11:25	DRB1*04:13+DRB1*11:23	DRB1*04:25+DRB1*11:79	DRB1*04:55+DRB1*11:93
DRB1*04:01:01+DRB1*11:26	DRB1*04:08:01+DRB1*11:79		
DRB1*04:01:01+DRB1*11:27:01	DRB1*04:72:02+DRB1*11:01:01G		
DRB1*04:01:01+DRB1*11:27:02	DRB1*04:72:01+DRB1*11:01:01G		
DRB1*04:01:01+DRB1*11:28:02	DRB1*04:01:03+DRB1*11:28:01		
DRB1*04:01:01+DRB1*11:29	DRB1*04:19+DRB1*11:93	DRB1*04:21+DRB1*11:01:01G	
DRB1*04:01:01+DRB1*11:34	DRB1*04:04:01+DRB1*11:79	DRB1*04:13+DRB1*11:26	
DRB1*04:01:01+DRB1*11:35	DRB1*04:13+DRB1*11:33		

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DRB1*04:01:01+DRB1*11:36	DRB1*04:13+DRB1*11:68	DRB1*04:37+DRB1*11:79	
DRB1*04:01:01+DRB1*11:42	DRB1*04:13+DRB1*11:08:01G		
DRB1*04:01:01+DRB1*11:43	DRB1*04:13+DRB1*11:39		
DRB1*04:01:01+DRB1*11:44	DRB1*04:13+DRB1*11:49		
DRB1*04:01:01+DRB1*11:45	DRB1*04:31+DRB1*11:73	DRB1*04:38+DRB1*11:64	
DRB1*04:01:01+DRB1*11:47	DRB1*04:21+DRB1*11:06:01		
DRB1*04:01:01+DRB1*11:54:02	DRB1*04:03:01G+DRB1*11:93		
DRB1*04:01:01+DRB1*11:56	DRB1*04:13+DRB1*11:37		
DRB1*04:01:01+DRB1*11:58:01	DRB1*04:01:03+DRB1*11:58:02	DRB1*04:13+DRB1*11:28:02	
DRB1*04:01:01+DRB1*11:58:02	DRB1*04:13+DRB1*11:28:01		
DRB1*04:01:01+DRB1*11:63	DRB1*04:21+DRB1*11:03		
DRB1*04:01:01+DRB1*11:84	DRB1*04:13+DRB1*11:27:01	DRB1*04:44+DRB1*11:93	DRB1*04:72:02+DRB1*11:04:01G
DRB1*04:01:01+DRB1*11:92	DRB1*04:13+DRB1*11:72		
DRB1*04:01:01+DRB1*11:98	DRB1*04:02+DRB1*11:26	DRB1*04:04:01+DRB1*11:14:01G	DRB1*04:08:01+DRB1*11:02:01
	DRB1*04:14+DRB1*11:34	DRB1*04:43+DRB1*11:48	DRB1*04:56+DRB1*11:68
	DRB1*04:61+DRB1*13:22		
DRB1*04:01:01+DRB1*12:01:01G	DRB1*04:38+DRB1*12:12		
DRB1*04:01:01+DRB1*12:02:01	DRB1*04:35+DRB1*12:21		
DRB1*04:01:01+DRB1*12:18	DRB1*04:16+DRB1*12:02:01		
DRB1*04:01:01+DRB1*13:01:01G	DRB1*04:13+DRB1*13:02:01	DRB1*04:14+DRB1*14:21	DRB1*04:35+DRB1*13:40
	DRB1*04:38+DRB1*13:20		
DRB1*04:01:01+DRB1*13:01:05	DRB1*04:13+DRB1*13:02:03		
DRB1*04:01:01+DRB1*13:02:01	DRB1*04:35+DRB1*13:36	DRB1*04:38+DRB1*13:29	
DRB1*04:01:01+DRB1*13:03:01G	DRB1*04:09+DRB1*13:37	DRB1*04:38+DRB1*13:88	
DRB1*04:01:01+DRB1*13:04	DRB1*04:09+DRB1*13:22	DRB1*04:35+DRB1*13:48	DRB1*04:67+DRB1*13:23
DRB1*04:01:01+DRB1*13:06	DRB1*04:08:01+DRB1*13:10		
DRB1*04:01:01+DRB1*13:11:01	DRB1*04:13+DRB1*13:14:01G		
DRB1*04:01:01+DRB1*13:11:02	DRB1*04:13+DRB1*13:14:02		
DRB1*04:01:01+DRB1*13:12	DRB1*04:05:01G+DRB1*13:37	DRB1*04:08:01+DRB1*13:03:01G	
DRB1*04:01:01+DRB1*13:13	DRB1*04:31+DRB1*13:03:01G		
DRB1*04:01:01+DRB1*13:14:01G	DRB1*04:35+DRB1*13:07:01		
DRB1*04:01:01+DRB1*13:14:02	DRB1*04:35+DRB1*13:07:02		
DRB1*04:01:01+DRB1*13:15	DRB1*04:35+DRB1*13:53		
DRB1*04:01:01+DRB1*13:18	DRB1*04:54+DRB1*14:21		
DRB1*04:01:01+DRB1*13:20	DRB1*04:13+DRB1*13:29		
DRB1*04:01:01+DRB1*13:21:01G	DRB1*04:09+DRB1*13:14:01G	DRB1*04:35+DRB1*13:49	
DRB1*04:01:01+DRB1*13:22	DRB1*04:13+DRB1*13:23	DRB1*04:35+DRB1*13:70	
DRB1*04:01:01+DRB1*13:27	DRB1*04:13+DRB1*13:41	DRB1*04:38+DRB1*13:71	
DRB1*04:01:01+DRB1*13:30	DRB1*04:08:01+DRB1*13:66:01G	DRB1*04:09+DRB1*13:82	DRB1*04:28+DRB1*13:37
	DRB1*04:35+DRB1*13:12	DRB1*04:43+DRB1*13:03:01G	
DRB1*04:01:01+DRB1*13:32	DRB1*04:09+DRB1*13:40	DRB1*04:13+DRB1*13:65	DRB1*04:67+DRB1*13:36
DRB1*04:01:01+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:03:01G		
DRB1*04:01:01+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:03:01G		
DRB1*04:01:01+DRB1*13:40	DRB1*04:13+DRB1*13:36		
DRB1*04:01:01+DRB1*13:42	DRB1*04:13+DRB1*13:05:01G		
DRB1*04:01:01+DRB1*13:43	DRB1*04:62+DRB1*13:20		
DRB1*04:01:01+DRB1*13:45	DRB1*04:62+DRB1*13:23		
DRB1*04:01:01+DRB1*13:48	DRB1*04:09+DRB1*13:70	DRB1*04:13+DRB1*13:38	
DRB1*04:01:01+DRB1*13:49	DRB1*04:09+DRB1*13:07:01		
DRB1*04:01:01+DRB1*13:50:02	DRB1*04:01:03+DRB1*13:50:01		
DRB1*04:01:01+DRB1*13:52	DRB1*04:13+DRB1*13:97		
DRB1*04:01:01+DRB1*13:53	DRB1*04:02+DRB1*14:19		
DRB1*04:01:01+DRB1*13:55	DRB1*04:09+DRB1*13:47		
DRB1*04:01:01+DRB1*13:57	DRB1*04:35+DRB1*13:19		
DRB1*04:01:01+DRB1*13:58	DRB1*04:08:01+DRB1*13:81		
DRB1*04:01:01+DRB1*13:61	DRB1*04:72:02+DRB1*13:01:01G		
DRB1*04:01:01+DRB1*13:65	DRB1*04:09+DRB1*13:36		
DRB1*04:01:01+DRB1*13:66:01G	DRB1*04:35+DRB1*13:03:01G		
DRB1*04:01:01+DRB1*13:75	DRB1*04:09+DRB1*13:24		
DRB1*04:01:01+DRB1*13:77	DRB1*04:82+DRB1*14:21		
DRB1*04:01:01+DRB1*13:79	DRB1*04:13+DRB1*13:39	DRB1*04:38+DRB1*13:78	
DRB1*04:01:01+DRB1*13:82	DRB1*04:38+DRB1*13:25	DRB1*04:43+DRB1*13:37	
DRB1*04:01:01+DRB1*13:83	DRB1*04:35+DRB1*13:08		
DRB1*04:01:01+DRB1*13:89	DRB1*04:13+DRB1*13:03:01G	DRB1*04:67+DRB1*13:37	
DRB1*04:01:01+DRB1*13:93	DRB1*04:09+DRB1*13:01:01G	DRB1*04:35+DRB1*13:32	DRB1*04:67+DRB1*13:02:01
DRB1*04:01:01+DRB1*13:94	DRB1*04:13+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:89	
DRB1*04:01:01+DRB1*13:96	DRB1*04:72:01+DRB1*13:02:01		
DRB1*04:01:01+DRB1*14:01:01G	DRB1*04:13+DRB1*14:07:01G	DRB1*04:62+DRB1*14:23:01	
DRB1*04:01:01+DRB1*14:01:03	DRB1*04:01:02+DRB1*14:01:01G		
DRB1*04:01:01+DRB1*14:02	DRB1*04:08:01+DRB1*14:19		
DRB1*04:01:01+DRB1*14:04	DRB1*04:13+DRB1*14:68		
DRB1*04:01:01+DRB1*14:05:01	DRB1*04:13+DRB1*14:44:01		
DRB1*04:01:01+DRB1*14:05:03	DRB1*04:13+DRB1*14:44:02		
DRB1*04:01:01+DRB1*14:06:01G	DRB1*04:04:01+DRB1*14:19	DRB1*04:13+DRB1*14:02	
DRB1*04:01:01+DRB1*14:07:01G	DRB1*04:62+DRB1*14:14		
DRB1*04:01:01+DRB1*14:02:01G	DRB1*04:13+DRB1*14:03:01	DRB1*04:58+DRB1*14:19	
DRB1*04:01:01+DRB1*14:13	DRB1*04:05:01G+DRB1*14:19	DRB1*04:09+DRB1*14:02	
DRB1*04:01:01+DRB1*14:15	DRB1*04:13+DRB1*08:09		
DRB1*04:01:01+DRB1*14:16	DRB1*04:62+DRB1*13:08		
DRB1*04:01:01+DRB1*14:17	DRB1*04:08:01+DRB1*14:21	DRB1*04:13+DRB1*14:30	DRB1*04:35+DRB1*14:80
DRB1*04:01:01+DRB1*14:23:01	DRB1*04:13+DRB1*14:14		
DRB1*04:01:01+DRB1*14:25	DRB1*04:62+DRB1*13:07:01		
DRB1*04:01:01+DRB1*14:27	DRB1*04:54+DRB1*14:19		
DRB1*04:01:01+DRB1*14:30	DRB1*04:35+DRB1*14:09		
DRB1*04:01:01+DRB1*14:33	DRB1*04:07:01G+DRB1*14:21		
DRB1*04:01:01+DRB1*14:35	DRB1*04:35+DRB1*14:01:01G		
DRB1*04:01:01+DRB1*14:38	DRB1*04:72:02+DRB1*14:01:02		
DRB1*04:01:01+DRB1*14:45	DRB1*04:38+DRB1*14:05:01		
DRB1*04:01:01+DRB1*14:47	DRB1*04:72:02+DRB1*14:02		
DRB1*04:01:01+DRB1*14:51	DRB1*04:07:01G+DRB1*14:19		
DRB1*04:01:01+DRB1*14:53	DRB1*04:35+DRB1*14:25	DRB1*04:62+DRB1*13:14:01G	
DRB1*04:01:01+DRB1*14:63	DRB1*04:09+DRB1*14:67	DRB1*04:38+DRB1*14:85	DRB1*04:86+DRB1*14:19
DRB1*04:01:01+DRB1*14:67	DRB1*04:31+DRB1*13:85	DRB1*04:38+DRB1*14:03:01	
DRB1*04:01:01+DRB1*14:78	DRB1*04:12+DRB1*14:19	DRB1*04:13+DRB1*14:63	DRB1*04:67+DRB1*14:67
DRB1*04:01:01+DRB1*14:80	DRB1*04:13+DRB1*14:09		
DRB1*04:01:01+DRB1*14:85	DRB1*04:09+DRB1*14:03:01		
DRB1*04:01:01+DRB1*14:89	DRB1*04:31+DRB1*14:19		
DRB1*04:01:01+DRB1*14:98	DRB1*04:72:02+DRB1*14:03:01		
DRB1*04:01:01+DRB1*15:01:01G	DRB1*04:13+DRB1*15:02:01	DRB1*04:35+DRB1*15:07	DRB1*04:38+DRB1*15:05
DRB1*04:01:01+DRB1*15:01:03	DRB1*04:13+DRB1*15:02:06		
DRB1*04:01:01+DRB1*15:01:04	DRB1*04:13+DRB1*15:02:02G		
DRB1*04:01:01+DRB1*15:01:09	DRB1*04:13+DRB1*15:02:04		
DRB1*04:01:01+DRB1*15:01:10	DRB1*04:13+DRB1*15:02:08		
DRB1*04:01:01+DRB1*15:02:01	DRB1*04:35+DRB1*15:11	DRB1*04:38+DRB1*15:31	
DRB1*04:01:01+DRB1*15:03:01G	DRB1*04:38+DRB1*15:23		

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DRB1*04:01:01+DRB1*15:04	DRB1*04:13+DRB1*15:15		
DRB1*04:01:01+DRB1*15:05	DRB1*04:13+DRB1*15:31		
DRB1*04:01:01+DRB1*15:07	DRB1*04:13+DRB1*15:11		
DRB1*04:01:01+DRB1*15:09	DRB1*04:35+DRB1*15:48		
DRB1*04:01:01+DRB1*15:12	DRB1*04:09+DRB1*15:01:04	DRB1*04:67+DRB1*15:02:02G	
DRB1*04:01:01+DRB1*15:27	DRB1*04:35+DRB1*15:34		
DRB1*04:01:01+DRB1*15:37	DRB1*04:72:01+DRB1*15:01:01G		
DRB1*04:01:01+DRB1*15:39	DRB1*04:26+DRB1*15:02:01		
DRB1*04:01:01+DRB1*16:05:01	DRB1*04:38+DRB1*16:02:01		
DRB1*04:01:01+DRB1*16:09	DRB1*04:35+DRB1*16:01:01		
DRB1*04:01:01+DRB1*16:10	DRB1*04:35+DRB1*16:02:01		
DRB1*04:01:01+DRB1*16:15	DRB1*04:13+DRB1*16:01:01		
DRB1*04:01:02+DRB1*14:35	DRB1*04:35+DRB1*14:01:03		
DRB1*04:01:03+DRB1*09:06	DRB1*04:13+DRB1*09:01:04		
DRB1*04:01:03+DRB1*11:27:01	DRB1*04:72:02+DRB1*11:01:12		
DRB1*04:01:03+DRB1*11:27:02	DRB1*04:72:01+DRB1*11:01:12		
DRB1*04:01:03+DRB1*11:29	DRB1*04:21+DRB1*11:01:12		
DRB1*04:01:03+DRB1*11:84	DRB1*04:72:02+DRB1*11:04:04		
DRB1*04:02+DRB1*04:03:01G	DRB1*04:37+DRB1*04:88		
DRB1*04:02+DRB1*04:04:01	DRB1*04:37+DRB1*04:56		
DRB1*04:02+DRB1*04:05:01G	DRB1*04:10+DRB1*04:14		
DRB1*04:02+DRB1*04:07:01G	DRB1*04:03:01G+DRB1*04:14		
DRB1*04:02+DRB1*04:08:01	DRB1*04:04:01+DRB1*04:14		
DRB1*04:02+DRB1*04:08:02	DRB1*04:04:02+DRB1*04:14		
DRB1*04:02+DRB1*04:09	DRB1*04:14+DRB1*04:67		
DRB1*04:02+DRB1*04:17:01G	DRB1*04:11+DRB1*04:14		
DRB1*04:02+DRB1*04:19	DRB1*04:14+DRB1*04:68		
DRB1*04:02+DRB1*04:20	DRB1*04:06:01G+DRB1*04:14		
DRB1*04:02+DRB1*04:31	DRB1*04:14+DRB1*04:55		
DRB1*04:02+DRB1*04:43	DRB1*04:14+DRB1*04:42		
DRB1*04:02+DRB1*04:54	DRB1*04:14+DRB1*04:25		
DRB1*04:02+DRB1*04:58	DRB1*04:18+DRB1*04:37		
DRB1*04:02+DRB1*04:86	DRB1*04:12+DRB1*04:14		
DRB1*04:02+DRB1*08:01:01G	DRB1*04:14+DRB1*08:06		
DRB1*04:02+DRB1*08:02:01G	DRB1*04:14+DRB1*08:04:01G		
DRB1*04:02+DRB1*08:03:02	DRB1*04:14+DRB1*08:10		
DRB1*04:02+DRB1*08:09	DRB1*04:14+DRB1*14:15		
DRB1*04:02+DRB1*08:13	DRB1*04:37+DRB1*08:30:01		
DRB1*04:02+DRB1*08:20	DRB1*04:25+DRB1*13:70		
DRB1*04:02+DRB1*08:28	DRB1*04:25+DRB1*13:17		
DRB1*04:02+DRB1*08:37	DRB1*04:86+DRB1*13:17		
DRB1*04:02+DRB1*08:41	DRB1*04:14+DRB1*08:31		
DRB1*04:02+DRB1*09:01:02	DRB1*04:14+DRB1*09:06		
DRB1*04:02+DRB1*10:01:01	DRB1*04:14+DRB1*10:02		
DRB1*04:02+DRB1*11:01:01G	DRB1*04:14+DRB1*11:04:01G	DRB1*04:15+DRB1*13:23	DRB1*04:36+DRB1*11:14:01G
DRB1*04:02+DRB1*11:01:03G	DRB1*04:47+DRB1*11:02:01	DRB1*04:53+DRB1*11:11:01G	
DRB1*04:02+DRB1*11:01:04	DRB1*04:14+DRB1*11:04:05		
DRB1*04:02+DRB1*11:01:05	DRB1*04:14+DRB1*11:04:03		
DRB1*04:02+DRB1*11:01:12	DRB1*04:14+DRB1*11:04:04		
DRB1*04:02+DRB1*11:04:01G	DRB1*04:15+DRB1*13:22	DRB1*04:36+DRB1*11:02:01	
DRB1*04:02+DRB1*11:06:01	DRB1*04:36+DRB1*11:21		
DRB1*04:02+DRB1*11:07	DRB1*04:22+DRB1*11:02:01		
DRB1*04:02+DRB1*11:08:01G	DRB1*04:14+DRB1*11:42	DRB1*04:37+DRB1*11:19:01	
DRB1*04:02+DRB1*11:09	DRB1*04:15+DRB1*13:02:01	DRB1*04:36+DRB1*11:20	
DRB1*04:02+DRB1*11:11:01G	DRB1*04:14+DRB1*11:03		
DRB1*04:02+DRB1*11:14:01G	DRB1*04:14+DRB1*11:02:01		
DRB1*04:02+DRB1*11:19:01	DRB1*04:14+DRB1*11:18		
DRB1*04:02+DRB1*11:19:02	DRB1*04:53+DRB1*11:14:01G		
DRB1*04:02+DRB1*11:20	DRB1*04:14+DRB1*11:16		
DRB1*04:02+DRB1*11:23	DRB1*04:14+DRB1*11:25	DRB1*04:18+DRB1*11:11:01G	DRB1*04:25+DRB1*11:14:01G
	DRB1*04:54+DRB1*11:02:01		
DRB1*04:02+DRB1*11:25	DRB1*04:18+DRB1*11:03	DRB1*04:25+DRB1*11:02:01	
DRB1*04:02+DRB1*11:27:01	DRB1*04:14+DRB1*11:84		
DRB1*04:02+DRB1*11:28:01	DRB1*04:14+DRB1*11:58:02		
DRB1*04:02+DRB1*11:28:02	DRB1*04:14+DRB1*11:58:01		
DRB1*04:02+DRB1*11:33	DRB1*04:14+DRB1*11:35		
DRB1*04:02+DRB1*11:34	DRB1*04:04:01+DRB1*11:02:01	DRB1*04:13+DRB1*11:98	DRB1*04:42+DRB1*11:48
	DRB1*04:56+DRB1*11:36		
DRB1*04:02+DRB1*11:35	DRB1*04:36+DRB1*11:65:01G		
DRB1*04:02+DRB1*11:36	DRB1*04:37+DRB1*11:02:01		
DRB1*04:02+DRB1*11:37	DRB1*04:14+DRB1*11:56		
DRB1*04:02+DRB1*11:39	DRB1*04:14+DRB1*11:43		
DRB1*04:02+DRB1*11:42	DRB1*04:37+DRB1*11:18		
DRB1*04:02+DRB1*11:45	DRB1*04:18+DRB1*11:14:01G		
DRB1*04:02+DRB1*11:46	DRB1*04:15+DRB1*13:52		
DRB1*04:02+DRB1*11:49	DRB1*04:14+DRB1*11:44		
DRB1*04:02+DRB1*11:56	DRB1*04:15+DRB1*13:70	DRB1*04:36+DRB1*11:48	
DRB1*04:02+DRB1*11:58:01	DRB1*04:15+DRB1*13:69		
DRB1*04:02+DRB1*11:64	DRB1*04:18+DRB1*11:68	DRB1*04:37+DRB1*11:45	DRB1*04:58+DRB1*11:14:01G
DRB1*04:02+DRB1*11:68	DRB1*04:14+DRB1*11:36	DRB1*04:37+DRB1*11:14:01G	
DRB1*04:02+DRB1*11:72	DRB1*04:14+DRB1*11:92		
DRB1*04:02+DRB1*11:87	DRB1*04:15+DRB1*13:41		
DRB1*04:02+DRB1*12:12	DRB1*04:37+DRB1*12:01:01G		
DRB1*04:02+DRB1*13:02:01	DRB1*04:14+DRB1*13:01:01G		
DRB1*04:02+DRB1*13:02:03	DRB1*04:14+DRB1*13:01:05		
DRB1*04:02+DRB1*13:03:01G	DRB1*04:14+DRB1*13:89		
DRB1*04:02+DRB1*13:05:01G	DRB1*04:14+DRB1*13:42	DRB1*04:36+DRB1*13:02:01	
DRB1*04:02+DRB1*13:11:01	DRB1*04:36+DRB1*13:22		
DRB1*04:02+DRB1*13:13	DRB1*04:18+DRB1*13:38	DRB1*04:86+DRB1*13:70	
DRB1*04:02+DRB1*13:14:01G	DRB1*04:14+DRB1*13:11:01	DRB1*04:36+DRB1*13:23	
DRB1*04:02+DRB1*13:14:02	DRB1*04:14+DRB1*13:11:02		
DRB1*04:02+DRB1*13:18	DRB1*04:25+DRB1*13:01:01G		
DRB1*04:02+DRB1*13:20	DRB1*04:37+DRB1*13:01:01G		
DRB1*04:02+DRB1*13:23	DRB1*04:14+DRB1*13:22		
DRB1*04:02+DRB1*13:25	DRB1*04:37+DRB1*13:82		
DRB1*04:02+DRB1*13:29	DRB1*04:14+DRB1*13:20	DRB1*04:37+DRB1*13:02:01	
DRB1*04:02+DRB1*13:33:01	DRB1*04:14+DRB1*13:94		
DRB1*04:02+DRB1*13:36	DRB1*04:14+DRB1*13:40		
DRB1*04:02+DRB1*13:38	DRB1*04:14+DRB1*13:48		
DRB1*04:02+DRB1*13:39	DRB1*04:14+DRB1*13:79		
DRB1*04:02+DRB1*13:41	DRB1*04:14+DRB1*13:27		
DRB1*04:02+DRB1*13:42	DRB1*04:36+DRB1*13:01:01G		
DRB1*04:02+DRB1*13:44	DRB1*04:04:01+DRB1*13:22	DRB1*04:42+DRB1*13:70	
DRB1*04:02+DRB1*13:47	DRB1*04:14+DRB1*08:20	DRB1*04:54+DRB1*13:70	
DRB1*04:02+DRB1*13:49	DRB1*04:36+DRB1*13:38		

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DRB1*04:02+DRB1*13:55	DRB1*04:25+DRB1*13:38	DRB1*04:54+DRB1*13:48	
DRB1*04:02+DRB1*13:65	DRB1*04:14+DRB1*13:32		
DRB1*04:02+DRB1*13:71	DRB1*04:37+DRB1*13:27		
DRB1*04:02+DRB1*13:78	DRB1*04:37+DRB1*13:79		
DRB1*04:02+DRB1*13:88	DRB1*04:37+DRB1*13:03:01G		
DRB1*04:02+DRB1*13:97	DRB1*04:14+DRB1*13:52		
DRB1*04:02+DRB1*14:02	DRB1*04:08:01+DRB1*13:53	DRB1*04:14+DRB1*14:06:01G	
DRB1*04:02+DRB1*14:03:01	DRB1*04:14+DRB1*14:02:01G	DRB1*04:37+DRB1*14:67	
DRB1*04:02+DRB1*14:05:01	DRB1*04:37+DRB1*14:45		
DRB1*04:02+DRB1*14:06:01G	DRB1*04:04:01+DRB1*13:53		
DRB1*04:02+DRB1*14:07:01G	DRB1*04:14+DRB1*14:01:01G		
DRB1*04:02+DRB1*14:09	DRB1*04:04:01+DRB1*13:36	DRB1*04:08:01+DRB1*13:40	DRB1*04:14+DRB1*14:80
DRB1*04:02+DRB1*14:02:01G	DRB1*04:58+DRB1*13:53		
DRB1*04:02+DRB1*14:13	DRB1*04:05:01G+DRB1*13:53		
DRB1*04:02+DRB1*14:14	DRB1*04:14+DRB1*14:23:01		
DRB1*04:02+DRB1*14:17	DRB1*04:04:01+DRB1*13:01:01G	DRB1*04:42+DRB1*13:40	DRB1*04:56+DRB1*13:20
DRB1*04:02+DRB1*14:20	DRB1*04:04:01+DRB1*13:19		
DRB1*04:02+DRB1*14:21	DRB1*04:13+DRB1*13:01:01G		
DRB1*04:02+DRB1*14:27	DRB1*04:54+DRB1*13:53		
DRB1*04:02+DRB1*14:30	DRB1*04:04:01+DRB1*13:02:01	DRB1*04:08:01+DRB1*13:01:01G	DRB1*04:14+DRB1*14:17
	DRB1*04:42+DRB1*13:36	DRB1*04:43+DRB1*13:40	DRB1*04:56+DRB1*13:29
DRB1*04:02+DRB1*14:33	DRB1*04:03:01G+DRB1*13:01:01G	DRB1*04:41+DRB1*13:52	DRB1*04:59+DRB1*13:40
	DRB1*04:88+DRB1*13:20		
DRB1*04:02+DRB1*14:44:01	DRB1*04:14+DRB1*14:05:01		
DRB1*04:02+DRB1*14:44:02	DRB1*04:14+DRB1*14:05:03		
DRB1*04:02+DRB1*14:51	DRB1*04:07:01G+DRB1*13:53		
DRB1*04:02+DRB1*14:53	DRB1*04:36+DRB1*13:45		
DRB1*04:02+DRB1*14:63	DRB1*04:14+DRB1*14:78	DRB1*04:86+DRB1*13:53	
DRB1*04:02+DRB1*14:68	DRB1*04:14+DRB1*14:04		
DRB1*04:02+DRB1*14:78	DRB1*04:12+DRB1*13:53		
DRB1*04:02+DRB1*14:80	DRB1*04:04:01+DRB1*13:40		
DRB1*04:02+DRB1*14:85	DRB1*04:37+DRB1*14:63		
DRB1*04:02+DRB1*14:89	DRB1*04:31+DRB1*13:53		
DRB1*04:02+DRB1*15:02:01	DRB1*04:14+DRB1*15:01:01G		
DRB1*04:02+DRB1*15:02:02G	DRB1*04:14+DRB1*15:01:04		
DRB1*04:02+DRB1*15:02:04	DRB1*04:14+DRB1*15:01:09		
DRB1*04:02+DRB1*15:02:06	DRB1*04:14+DRB1*15:01:03		
DRB1*04:02+DRB1*15:02:08	DRB1*04:14+DRB1*15:01:10		
DRB1*04:02+DRB1*15:05	DRB1*04:37+DRB1*15:01:01G		
DRB1*04:02+DRB1*15:11	DRB1*04:14+DRB1*15:07		
DRB1*04:02+DRB1*15:15	DRB1*04:14+DRB1*15:04		
DRB1*04:02+DRB1*15:21	DRB1*04:18+DRB1*15:10		
DRB1*04:02+DRB1*15:23	DRB1*04:37+DRB1*15:03:01G		
DRB1*04:02+DRB1*15:25	DRB1*04:22+DRB1*15:10		
DRB1*04:02+DRB1*15:27	DRB1*04:08:01+DRB1*15:10		
DRB1*04:02+DRB1*15:31	DRB1*04:14+DRB1*15:05	DRB1*04:37+DRB1*15:02:01	
DRB1*04:02+DRB1*16:01:01	DRB1*04:14+DRB1*16:15		
DRB1*04:02+DRB1*16:02:01	DRB1*04:37+DRB1*16:05:01		
DRB1*04:02+DRB1*16:09	DRB1*04:47+DRB1*15:10		
DRB1*04:03:01G+DRB1*04:04:02	DRB1*04:03:02+DRB1*04:04:01		
DRB1*04:03:01G+DRB1*04:05:01G	DRB1*04:04:01+DRB1*04:17:01G	DRB1*04:07:01G+DRB1*04:10	DRB1*04:08:01+DRB1*04:11
DRB1*04:03:01G+DRB1*04:05:07	DRB1*04:04:03+DRB1*04:17:01G		
DRB1*04:03:01G+DRB1*04:05:08	DRB1*04:04:05+DRB1*04:17:01G		
DRB1*04:03:01G+DRB1*04:06:03	DRB1*04:03:04+DRB1*04:06:01G		
DRB1*04:03:01G+DRB1*04:06:04	DRB1*04:03:02+DRB1*04:06:01G		
DRB1*04:03:01G+DRB1*04:08:01	DRB1*04:04:01+DRB1*04:07:01G		
DRB1*04:03:01G+DRB1*04:08:02	DRB1*04:03:02+DRB1*04:08:01	DRB1*04:04:02+DRB1*04:07:01G	
DRB1*04:03:01G+DRB1*04:10	DRB1*04:04:01+DRB1*04:11		
DRB1*04:03:01G+DRB1*04:12	DRB1*04:11+DRB1*04:18		
DRB1*04:03:01G+DRB1*04:17:01G	DRB1*04:07:01G+DRB1*04:11		
DRB1*04:03:01G+DRB1*04:18	DRB1*04:58+DRB1*04:88		
DRB1*04:03:01G+DRB1*04:19	DRB1*04:04:01+DRB1*04:20	DRB1*04:06:01G+DRB1*04:08:01	DRB1*04:07:01G+DRB1*04:68
DRB1*04:03:01G+DRB1*04:20	DRB1*04:06:01G+DRB1*04:07:01G		
DRB1*04:03:01G+DRB1*04:23	DRB1*04:04:01+DRB1*04:52		
DRB1*04:03:01G+DRB1*04:28	DRB1*04:05:01G+DRB1*04:59	DRB1*04:11+DRB1*04:43	DRB1*04:17:01G+DRB1*04:42
DRB1*04:03:01G+DRB1*04:31	DRB1*04:07:01G+DRB1*04:55		
DRB1*04:03:01G+DRB1*04:42	DRB1*04:04:01+DRB1*04:59		
DRB1*04:03:01G+DRB1*04:43	DRB1*04:07:01G+DRB1*04:42	DRB1*04:08:01+DRB1*04:59	
DRB1*04:03:01G+DRB1*04:54	DRB1*04:07:01G+DRB1*04:25		
DRB1*04:03:01G+DRB1*04:56	DRB1*04:04:01+DRB1*04:88		
DRB1*04:03:01G+DRB1*04:67	DRB1*04:11+DRB1*04:13		
DRB1*04:03:01G+DRB1*04:68	DRB1*04:04:01+DRB1*04:06:01G		
DRB1*04:03:01G+DRB1*04:70	DRB1*04:04:01+DRB1*04:51		
DRB1*04:03:01G+DRB1*04:72:02	DRB1*04:13+DRB1*04:74		
DRB1*04:03:01G+DRB1*04:77	DRB1*04:05:01G+DRB1*04:41		
DRB1*04:03:01G+DRB1*04:84	DRB1*04:05:01G+DRB1*04:06:01G	DRB1*04:08:01+DRB1*04:91	DRB1*04:10+DRB1*04:20
	DRB1*04:11+DRB1*04:19	DRB1*04:17:01G+DRB1*04:68	
DRB1*04:03:01G+DRB1*04:86	DRB1*04:07:01G+DRB1*04:12	DRB1*04:17:01G+DRB1*04:18	
DRB1*04:03:01G+DRB1*04:87	DRB1*04:05:01G+DRB1*04:51	DRB1*04:17:01G+DRB1*04:70	
DRB1*04:03:01G+DRB1*04:91	DRB1*04:06:01G+DRB1*04:11		
DRB1*04:03:01G+DRB1*08:01:01G	DRB1*04:07:01G+DRB1*08:06	DRB1*04:11+DRB1*08:02:01G	DRB1*04:17:01G+DRB1*08:04:01G
DRB1*04:03:01G+DRB1*08:02:01G	DRB1*04:07:01G+DRB1*08:04:01G		
DRB1*04:03:01G+DRB1*08:03:02	DRB1*04:07:01G+DRB1*08:10	DRB1*04:11+DRB1*08:30:01	DRB1*04:55+DRB1*08:29
DRB1*04:03:01G+DRB1*08:05	DRB1*04:11+DRB1*08:24		
DRB1*04:03:01G+DRB1*08:06	DRB1*04:11+DRB1*08:04:01G		
DRB1*04:03:01G+DRB1*08:09	DRB1*04:07:01G+DRB1*14:15		
DRB1*04:03:01G+DRB1*08:12	DRB1*04:27+DRB1*08:10		
DRB1*04:03:01G+DRB1*08:17	DRB1*04:17:01G+DRB1*08:28	DRB1*04:59+DRB1*08:01:01G	
DRB1*04:03:01G+DRB1*08:18	DRB1*04:04:01+DRB1*08:29		
DRB1*04:03:01G+DRB1*08:22	DRB1*04:27+DRB1*08:06		
DRB1*04:03:01G+DRB1*08:28	DRB1*04:59+DRB1*08:04:01G		
DRB1*04:03:01G+DRB1*08:30:01	DRB1*04:88+DRB1*08:13		
DRB1*04:03:01G+DRB1*08:30:02	DRB1*04:03:04+DRB1*08:30:01		
DRB1*04:03:01G+DRB1*08:37	DRB1*04:59+DRB1*08:03:02		
DRB1*04:03:01G+DRB1*08:40	DRB1*04:13+DRB1*08:29		
DRB1*04:03:01G+DRB1*08:41	DRB1*04:07:01G+DRB1*08:31		
DRB1*04:03:01G+DRB1*09:01:02	DRB1*04:07:01G+DRB1*09:06		
DRB1*04:03:01G+DRB1*09:02:01	DRB1*04:03:02+DRB1*09:02:02		
DRB1*04:03:01G+DRB1*10:01:01	DRB1*04:07:01G+DRB1*10:02		
DRB1*04:03:01G+DRB1*11:01:01G	DRB1*04:07:01G+DRB1*11:04:01G	DRB1*04:08:01+DRB1*11:54:02	DRB1*04:59+DRB1*11:37
DRB1*04:03:01G+DRB1*11:01:04	DRB1*04:07:01G+DRB1*11:04:05		
DRB1*04:03:01G+DRB1*11:01:05	DRB1*04:07:01G+DRB1*11:04:03	DRB1*04:08:01+DRB1*11:54:01	
DRB1*04:03:01G+DRB1*11:01:12	DRB1*04:07:01G+DRB1*11:04:04		
DRB1*04:03:01G+DRB1*11:02:01	DRB1*04:59+DRB1*11:48	DRB1*04:88+DRB1*11:36	
DRB1*04:03:01G+DRB1*11:03	DRB1*04:59+DRB1*11:41		

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DRB1*04:03:01G+DRB1*11:04:01G	DRB1*04:04:01+DRB1*11:54:02	DRB1*04:59+DRB1*11:56	
DRB1*04:03:01G+DRB1*11:04:03	DRB1*04:04:01+DRB1*11:54:01		
DRB1*04:03:01G+DRB1*11:06:01	DRB1*04:27+DRB1*11:04:01G		
DRB1*04:03:01G+DRB1*11:06:02	DRB1*04:27+DRB1*11:04:03		
DRB1*04:03:01G+DRB1*11:08:01G	DRB1*04:07:01G+DRB1*11:42		
DRB1*04:03:01G+DRB1*11:11:01G	DRB1*04:07:01G+DRB1*11:03		
DRB1*04:03:01G+DRB1*11:13:01G	DRB1*04:42+DRB1*11:17		
DRB1*04:03:01G+DRB1*11:14:01G	DRB1*04:07:01G+DRB1*11:02:01	DRB1*04:88+DRB1*11:68	
DRB1*04:03:01G+DRB1*11:18	DRB1*04:88+DRB1*11:42		
DRB1*04:03:01G+DRB1*11:19:01	DRB1*04:07:01G+DRB1*11:18	DRB1*04:88+DRB1*11:08:01G	
DRB1*04:03:01G+DRB1*11:20	DRB1*04:07:01G+DRB1*11:16		
DRB1*04:03:01G+DRB1*11:21	DRB1*04:27+DRB1*11:02:01		
DRB1*04:03:01G+DRB1*11:23	DRB1*04:07:01G+DRB1*11:25	DRB1*04:31+DRB1*11:54:02	
DRB1*04:03:01G+DRB1*11:25	DRB1*04:55+DRB1*11:54:02		
DRB1*04:03:01G+DRB1*11:26	DRB1*04:07:01G+DRB1*11:34		
DRB1*04:03:01G+DRB1*11:27:01	DRB1*04:07:01G+DRB1*11:84	DRB1*04:74+DRB1*11:04:01G	
DRB1*04:03:01G+DRB1*11:28:01	DRB1*04:07:01G+DRB1*11:58:02	DRB1*04:41+DRB1*11:01:01G	
DRB1*04:03:01G+DRB1*11:28:02	DRB1*04:07:01G+DRB1*11:58:01	DRB1*04:41+DRB1*11:01:12	
DRB1*04:03:01G+DRB1*11:29	DRB1*04:06:01G+DRB1*11:01:01G	DRB1*04:19+DRB1*11:54:02	DRB1*04:20+DRB1*11:04:01G
DRB1*04:03:01G+DRB1*11:33	DRB1*04:07:01G+DRB1*11:35		
DRB1*04:03:01G+DRB1*11:37	DRB1*04:07:01G+DRB1*11:56		
DRB1*04:03:01G+DRB1*11:39	DRB1*04:07:01G+DRB1*11:43		
DRB1*04:03:01G+DRB1*11:45	DRB1*04:88+DRB1*11:64		
DRB1*04:03:01G+DRB1*11:47	DRB1*04:06:01G+DRB1*11:06:01		
DRB1*04:03:01G+DRB1*11:49	DRB1*04:07:01G+DRB1*11:44		
DRB1*04:03:01G+DRB1*11:57	DRB1*04:27+DRB1*11:42		
DRB1*04:03:01G+DRB1*11:58:01	DRB1*04:41+DRB1*11:04:04		
DRB1*04:03:01G+DRB1*11:58:02	DRB1*04:41+DRB1*11:04:01G		
DRB1*04:03:01G+DRB1*11:63	DRB1*04:06:01G+DRB1*11:03		
DRB1*04:03:01G+DRB1*11:68	DRB1*04:07:01G+DRB1*11:36		
DRB1*04:03:01G+DRB1*11:72	DRB1*04:07:01G+DRB1*11:92		
DRB1*04:03:01G+DRB1*11:84	DRB1*04:44+DRB1*11:54:02		
DRB1*04:03:01G+DRB1*12:01:01G	DRB1*04:88+DRB1*12:12		
DRB1*04:03:01G+DRB1*12:01:03	DRB1*04:27+DRB1*12:03:02		
DRB1*04:03:01G+DRB1*12:02:01	DRB1*04:27+DRB1*12:19	DRB1*04:59+DRB1*12:21	
DRB1*04:03:01G+DRB1*12:22	DRB1*04:74+DRB1*12:03:02		
DRB1*04:03:01G+DRB1*13:01:05	DRB1*04:03:02+DRB1*13:01:01G		
DRB1*04:03:01G+DRB1*13:01:06	DRB1*04:03:04+DRB1*13:01:01G		
DRB1*04:03:01G+DRB1*13:02:01	DRB1*04:07:01G+DRB1*13:01:01G	DRB1*04:14+DRB1*14:33	DRB1*04:41+DRB1*13:97
	DRB1*04:59+DRB1*13:36	DRB1*04:88+DRB1*13:29	
DRB1*04:03:01G+DRB1*13:02:03	DRB1*04:03:02+DRB1*13:02:01	DRB1*04:07:01G+DRB1*13:01:05	
DRB1*04:03:01G+DRB1*13:03:01G	DRB1*04:07:01G+DRB1*13:89	DRB1*04:11+DRB1*13:37	DRB1*04:88+DRB1*13:88
DRB1*04:03:01G+DRB1*13:04	DRB1*04:11+DRB1*13:22	DRB1*04:59+DRB1*13:48	
DRB1*04:03:01G+DRB1*13:05:01G	DRB1*04:07:01G+DRB1*13:42		
DRB1*04:03:01G+DRB1*13:07:02	DRB1*04:03:02+DRB1*13:07:01		
DRB1*04:03:01G+DRB1*13:11:02	DRB1*04:03:02+DRB1*13:11:01		
DRB1*04:03:01G+DRB1*13:14:01G	DRB1*04:07:01G+DRB1*13:11:01	DRB1*04:59+DRB1*13:07:01	
DRB1*04:03:01G+DRB1*13:14:02	DRB1*04:03:02+DRB1*13:14:01G	DRB1*04:07:01G+DRB1*13:11:02	DRB1*04:59+DRB1*13:07:02
DRB1*04:03:01G+DRB1*13:15	DRB1*04:59+DRB1*13:53		
DRB1*04:03:01G+DRB1*13:18	DRB1*04:25+DRB1*14:33		
DRB1*04:03:01G+DRB1*13:20	DRB1*04:37+DRB1*14:33		
DRB1*04:03:01G+DRB1*13:21:01G	DRB1*04:11+DRB1*13:14:01G	DRB1*04:17:01G+DRB1*13:11:01	DRB1*04:59+DRB1*13:49
DRB1*04:03:01G+DRB1*13:22	DRB1*04:59+DRB1*13:70		
DRB1*04:03:01G+DRB1*13:23	DRB1*04:07:01G+DRB1*13:22		
DRB1*04:03:01G+DRB1*13:27	DRB1*04:88+DRB1*13:71		
DRB1*04:03:01G+DRB1*13:29	DRB1*04:07:01G+DRB1*13:20		
DRB1*04:03:01G+DRB1*13:30	DRB1*04:11+DRB1*13:82	DRB1*04:59+DRB1*13:12	
DRB1*04:03:01G+DRB1*13:32	DRB1*04:11+DRB1*13:40		
DRB1*04:03:01G+DRB1*13:33:01	DRB1*04:07:01G+DRB1*13:94		
DRB1*04:03:01G+DRB1*13:33:02G	DRB1*04:74+DRB1*13:89		
DRB1*04:03:01G+DRB1*13:36	DRB1*04:07:01G+DRB1*13:40		
DRB1*04:03:01G+DRB1*13:38	DRB1*04:07:01G+DRB1*13:48	DRB1*04:17:01G+DRB1*13:70	
DRB1*04:03:01G+DRB1*13:39	DRB1*04:07:01G+DRB1*13:79		
DRB1*04:03:01G+DRB1*13:41	DRB1*04:07:01G+DRB1*13:27		
DRB1*04:03:01G+DRB1*13:42	DRB1*04:36+DRB1*14:33		
DRB1*04:03:01G+DRB1*13:47	DRB1*04:07:01G+DRB1*08:20		
DRB1*04:03:01G+DRB1*13:48	DRB1*04:11+DRB1*13:70		
DRB1*04:03:01G+DRB1*13:49	DRB1*04:11+DRB1*13:07:01		
DRB1*04:03:01G+DRB1*13:50:01	DRB1*04:41+DRB1*13:14:01G		
DRB1*04:03:01G+DRB1*13:55	DRB1*04:11+DRB1*13:47	DRB1*04:17:01G+DRB1*08:20	
DRB1*04:03:01G+DRB1*13:57	DRB1*04:59+DRB1*13:19		
DRB1*04:03:01G+DRB1*13:65	DRB1*04:07:01G+DRB1*13:32	DRB1*04:11+DRB1*13:36	DRB1*04:17:01G+DRB1*13:40
DRB1*04:03:01G+DRB1*13:66:01G	DRB1*04:59+DRB1*13:03:01G		
DRB1*04:03:01G+DRB1*13:75	DRB1*04:11+DRB1*13:24		
DRB1*04:03:01G+DRB1*13:79	DRB1*04:88+DRB1*13:78		
DRB1*04:03:01G+DRB1*13:81	DRB1*04:27+DRB1*13:89		
DRB1*04:03:01G+DRB1*13:82	DRB1*04:88+DRB1*13:25		
DRB1*04:03:01G+DRB1*13:83	DRB1*04:59+DRB1*13:08		
DRB1*04:03:01G+DRB1*13:87	DRB1*04:41+DRB1*13:83		
DRB1*04:03:01G+DRB1*13:93	DRB1*04:11+DRB1*13:01:01G	DRB1*04:59+DRB1*13:32	
DRB1*04:03:01G+DRB1*13:97	DRB1*04:07:01G+DRB1*13:52		
DRB1*04:03:01G+DRB1*14:02	DRB1*04:04:01+DRB1*14:51	DRB1*04:07:01G+DRB1*14:06:01G	
DRB1*04:03:01G+DRB1*14:03:01	DRB1*04:07:01G+DRB1*14:02:01G	DRB1*04:58+DRB1*14:51	
DRB1*04:03:01G+DRB1*14:05:01	DRB1*04:03:04+DRB1*14:05:02		
DRB1*04:03:01G+DRB1*14:07:01G	DRB1*04:07:01G+DRB1*14:01:01G		
DRB1*04:03:01G+DRB1*14:09	DRB1*04:07:01G+DRB1*14:80		
DRB1*04:03:01G+DRB1*14:13	DRB1*04:10+DRB1*14:51	DRB1*04:11+DRB1*14:02	DRB1*04:17:01G+DRB1*14:06:01G
DRB1*04:03:01G+DRB1*14:14	DRB1*04:07:01G+DRB1*14:23:01		
DRB1*04:03:01G+DRB1*14:17	DRB1*04:04:01+DRB1*14:33	DRB1*04:59+DRB1*14:80	
DRB1*04:03:01G+DRB1*14:19	DRB1*04:13+DRB1*14:51		
DRB1*04:03:01G+DRB1*14:21	DRB1*04:13+DRB1*14:33		
DRB1*04:03:01G+DRB1*14:23:03	DRB1*04:03:04+DRB1*14:23:01		
DRB1*04:03:01G+DRB1*14:27	DRB1*04:25+DRB1*14:51		
DRB1*04:03:01G+DRB1*14:28	DRB1*04:27+DRB1*14:04		
DRB1*04:03:01G+DRB1*14:29	DRB1*04:27+DRB1*14:06:01G		
DRB1*04:03:01G+DRB1*14:30	DRB1*04:07:01G+DRB1*14:17	DRB1*04:08:01+DRB1*14:33	DRB1*04:59+DRB1*14:09
DRB1*04:03:01G+DRB1*14:31	DRB1*04:04:01+DRB1*14:04		
DRB1*04:03:01G+DRB1*14:32:01	DRB1*04:04:01+DRB1*14:01:02		
DRB1*04:03:01G+DRB1*14:32:02	DRB1*04:04:01+DRB1*14:01:01G		
DRB1*04:03:01G+DRB1*14:34	DRB1*04:04:01+DRB1*14:08		
DRB1*04:03:01G+DRB1*14:35	DRB1*04:59+DRB1*14:01:01G		
DRB1*04:03:01G+DRB1*14:44:01	DRB1*04:07:01G+DRB1*14:05:01		
DRB1*04:03:01G+DRB1*14:44:02	DRB1*04:07:01G+DRB1*14:05:03		
DRB1*04:03:01G+DRB1*14:45	DRB1*04:88+DRB1*14:05:01		
DRB1*04:03:01G+DRB1*14:47	DRB1*04:44+DRB1*14:51	DRB1*04:74+DRB1*14:06:01G	

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DRB1*04:03:01G+DRB1*14:53	DRB1*04:59+DRB1*14:25		
DRB1*04:03:01G+DRB1*14:55	DRB1*04:55+DRB1*14:01:01G		
DRB1*04:03:01G+DRB1*14:63	DRB1*04:07:01G+DRB1*14:78	DRB1*04:11+DRB1*14:67	DRB1*04:12+DRB1*14:51
	DRB1*04:88+DRB1*14:85		
DRB1*04:03:01G+DRB1*14:67	DRB1*04:18+DRB1*14:51	DRB1*04:88+DRB1*14:03:01	
DRB1*04:03:01G+DRB1*14:68	DRB1*04:07:01G+DRB1*14:04		
DRB1*04:03:01G+DRB1*14:75	DRB1*04:51+DRB1*14:01:02		
DRB1*04:03:01G+DRB1*14:85	DRB1*04:11+DRB1*14:03:01	DRB1*04:17:01G+DRB1*14:02:01G	
DRB1*04:03:01G+DRB1*14:89	DRB1*04:55+DRB1*14:51		
DRB1*04:03:01G+DRB1*14:98	DRB1*04:74+DRB1*14:02:01G		
DRB1*04:03:01G+DRB1*14:99	DRB1*04:27+DRB1*14:01:01G		
DRB1*04:03:01G+DRB1*14:100	DRB1*04:04:01+DRB1*14:05:01		
DRB1*04:03:01G+DRB1*15:01:01G	DRB1*04:03:02+DRB1*15:01:04	DRB1*04:59+DRB1*15:07	DRB1*04:88+DRB1*15:05
DRB1*04:03:01G+DRB1*15:02:01	DRB1*04:03:02+DRB1*15:02:02G	DRB1*04:07:01G+DRB1*15:01:01G	DRB1*04:59+DRB1*15:11
	DRB1*04:88+DRB1*15:31		
DRB1*04:03:01G+DRB1*15:02:02G	DRB1*04:07:01G+DRB1*15:01:04		
DRB1*04:03:01G+DRB1*15:02:04	DRB1*04:07:01G+DRB1*15:01:09	DRB1*04:07:04+DRB1*15:01:01G	
DRB1*04:03:01G+DRB1*15:02:06	DRB1*04:07:01G+DRB1*15:01:03		
DRB1*04:03:01G+DRB1*15:02:08	DRB1*04:07:01G+DRB1*15:01:10		
DRB1*04:03:01G+DRB1*15:03:01G	DRB1*04:88+DRB1*15:23		
DRB1*04:03:01G+DRB1*15:09	DRB1*04:59+DRB1*15:48		
DRB1*04:03:01G+DRB1*15:11	DRB1*04:07:01G+DRB1*15:07		
DRB1*04:03:01G+DRB1*15:12	DRB1*04:11+DRB1*15:01:04		
DRB1*04:03:01G+DRB1*15:15	DRB1*04:07:01G+DRB1*15:04		
DRB1*04:03:01G+DRB1*15:27	DRB1*04:59+DRB1*15:34		
DRB1*04:03:01G+DRB1*15:31	DRB1*04:07:01G+DRB1*15:05		
DRB1*04:03:01G+DRB1*15:32	DRB1*04:41+DRB1*15:01:01G		
DRB1*04:03:01G+DRB1*15:35	DRB1*04:27+DRB1*15:01:01G		
DRB1*04:03:01G+DRB1*16:01:01	DRB1*04:07:01G+DRB1*16:15		
DRB1*04:03:01G+DRB1*16:05:01	DRB1*04:88+DRB1*16:02:01		
DRB1*04:03:01G+DRB1*16:09	DRB1*04:59+DRB1*16:01:01		
DRB1*04:03:01G+DRB1*16:10	DRB1*04:59+DRB1*16:02:01		
DRB1*04:03:02+DRB1*04:05:01G	DRB1*04:04:02+DRB1*04:17:01G	DRB1*04:08:02+DRB1*04:11	
DRB1*04:03:02+DRB1*04:06:03	DRB1*04:03:04+DRB1*04:06:04		
DRB1*04:03:02+DRB1*04:10	DRB1*04:04:02+DRB1*04:11		
DRB1*04:03:02+DRB1*04:19	DRB1*04:04:02+DRB1*04:20	DRB1*04:06:01G+DRB1*04:08:02	DRB1*04:06:04+DRB1*04:08:01
DRB1*04:03:02+DRB1*04:20	DRB1*04:06:04+DRB1*04:07:01G		
DRB1*04:03:02+DRB1*04:23	DRB1*04:04:02+DRB1*04:52		
DRB1*04:03:02+DRB1*04:42	DRB1*04:04:02+DRB1*04:59		
DRB1*04:03:02+DRB1*04:43	DRB1*04:08:02+DRB1*04:59		
DRB1*04:03:02+DRB1*04:56	DRB1*04:04:02+DRB1*04:88		
DRB1*04:03:02+DRB1*04:68	DRB1*04:04:01+DRB1*04:06:04	DRB1*04:04:02+DRB1*04:06:01G	
DRB1*04:03:02+DRB1*04:70	DRB1*04:04:02+DRB1*04:51		
DRB1*04:03:02+DRB1*04:84	DRB1*04:05:01G+DRB1*04:06:04	DRB1*04:08:02+DRB1*04:91	
DRB1*04:03:02+DRB1*04:91	DRB1*04:06:04+DRB1*04:11		
DRB1*04:03:02+DRB1*08:18	DRB1*04:04:02+DRB1*08:29		
DRB1*04:03:02+DRB1*11:01:01G	DRB1*04:08:02+DRB1*11:54:02		
DRB1*04:03:02+DRB1*11:01:05	DRB1*04:08:02+DRB1*11:54:01		
DRB1*04:03:02+DRB1*11:04:01G	DRB1*04:04:02+DRB1*11:54:02		
DRB1*04:03:02+DRB1*11:04:03	DRB1*04:04:02+DRB1*11:54:01		
DRB1*04:03:02+DRB1*11:29	DRB1*04:06:04+DRB1*11:01:01G		
DRB1*04:03:02+DRB1*11:47	DRB1*04:06:04+DRB1*11:06:01		
DRB1*04:03:02+DRB1*11:63	DRB1*04:06:04+DRB1*11:03		
DRB1*04:03:02+DRB1*13:01:06	DRB1*04:03:04+DRB1*13:01:05		
DRB1*04:03:02+DRB1*13:09	DRB1*04:73+DRB1*14:33		
DRB1*04:03:02+DRB1*13:21:01G	DRB1*04:11+DRB1*13:14:02	DRB1*04:17:01G+DRB1*13:11:02	
DRB1*04:03:02+DRB1*13:49	DRB1*04:11+DRB1*13:07:02		
DRB1*04:03:02+DRB1*13:50:01	DRB1*04:41+DRB1*13:14:02		
DRB1*04:03:02+DRB1*13:93	DRB1*04:11+DRB1*13:01:05		
DRB1*04:03:02+DRB1*14:02	DRB1*04:04:02+DRB1*14:51		
DRB1*04:03:02+DRB1*14:17	DRB1*04:04:02+DRB1*14:33		
DRB1*04:03:02+DRB1*14:24	DRB1*04:73+DRB1*14:51		
DRB1*04:03:02+DRB1*14:30	DRB1*04:08:02+DRB1*14:33		
DRB1*04:03:02+DRB1*14:31	DRB1*04:04:02+DRB1*14:04		
DRB1*04:03:02+DRB1*14:32:01	DRB1*04:04:02+DRB1*14:01:02		
DRB1*04:03:02+DRB1*14:32:02	DRB1*04:04:02+DRB1*14:01:01G		
DRB1*04:03:02+DRB1*14:34	DRB1*04:04:02+DRB1*14:08		
DRB1*04:03:02+DRB1*14:100	DRB1*04:04:02+DRB1*14:05:01		
DRB1*04:03:02+DRB1*15:12	DRB1*04:11+DRB1*15:01:01G		
DRB1*04:03:04+DRB1*04:19	DRB1*04:06:03+DRB1*04:08:01		
DRB1*04:03:04+DRB1*04:20	DRB1*04:06:03+DRB1*04:07:01G		
DRB1*04:03:04+DRB1*04:68	DRB1*04:04:01+DRB1*04:06:03		
DRB1*04:03:04+DRB1*04:84	DRB1*04:05:01G+DRB1*04:06:03		
DRB1*04:03:04+DRB1*04:91	DRB1*04:06:03+DRB1*04:11		
DRB1*04:03:04+DRB1*08:03:02	DRB1*04:11+DRB1*08:30:02		
DRB1*04:03:04+DRB1*11:29	DRB1*04:06:03+DRB1*11:01:01G		
DRB1*04:03:04+DRB1*11:47	DRB1*04:06:03+DRB1*11:06:01		
DRB1*04:03:04+DRB1*11:63	DRB1*04:06:03+DRB1*11:03		
DRB1*04:03:04+DRB1*13:02:01	DRB1*04:07:01G+DRB1*13:01:06		
DRB1*04:03:04+DRB1*13:93	DRB1*04:11+DRB1*13:01:06		
DRB1*04:03:04+DRB1*14:14	DRB1*04:07:01G+DRB1*14:23:03		
DRB1*04:04:01+DRB1*04:05:01G	DRB1*04:08:01+DRB1*04:10		
DRB1*04:04:01+DRB1*04:05:07	DRB1*04:04:03+DRB1*04:05:01G		
DRB1*04:04:01+DRB1*04:05:08	DRB1*04:04:05+DRB1*04:05:01G		
DRB1*04:04:01+DRB1*04:07:04	DRB1*04:04:04+DRB1*04:07:01G		
DRB1*04:04:01+DRB1*04:08:02	DRB1*04:04:02+DRB1*04:08:01		
DRB1*04:04:01+DRB1*04:12	DRB1*04:10+DRB1*04:18		
DRB1*04:04:01+DRB1*04:18	DRB1*04:56+DRB1*04:58		
DRB1*04:04:01+DRB1*04:19	DRB1*04:08:01+DRB1*04:68		
DRB1*04:04:01+DRB1*04:25	DRB1*04:36+DRB1*04:55		
DRB1*04:04:01+DRB1*04:28	DRB1*04:05:01G+DRB1*04:42	DRB1*04:10+DRB1*04:43	
DRB1*04:04:01+DRB1*04:31	DRB1*04:08:01+DRB1*04:55		
DRB1*04:04:01+DRB1*04:43	DRB1*04:08:01+DRB1*04:42		
DRB1*04:04:01+DRB1*04:54	DRB1*04:08:01+DRB1*04:25	DRB1*04:31+DRB1*04:36	
DRB1*04:04:01+DRB1*04:67	DRB1*04:10+DRB1*04:13		
DRB1*04:04:01+DRB1*04:74	DRB1*04:07:01G+DRB1*04:44		
DRB1*04:04:01+DRB1*04:84	DRB1*04:05:01G+DRB1*04:68	DRB1*04:10+DRB1*04:19	
DRB1*04:04:01+DRB1*04:86	DRB1*04:05:01G+DRB1*04:18	DRB1*04:08:01+DRB1*04:12	
DRB1*04:04:01+DRB1*04:87	DRB1*04:05:01G+DRB1*04:70		
DRB1*04:04:01+DRB1*04:91	DRB1*04:06:01G+DRB1*04:10	DRB1*04:11+DRB1*04:68	
DRB1*04:04:01+DRB1*07:04	DRB1*04:44+DRB1*07:11		
DRB1*04:04:01+DRB1*08:01:01G	DRB1*04:05:01G+DRB1*08:04:01G	DRB1*04:08:01+DRB1*08:06	DRB1*04:10+DRB1*08:02:01G
	DRB1*04:55+DRB1*08:05		
DRB1*04:04:01+DRB1*08:02:01G	DRB1*04:08:01+DRB1*08:04:01G	DRB1*04:55+DRB1*08:24	
DRB1*04:04:01+DRB1*08:03:02	DRB1*04:08:01+DRB1*08:10	DRB1*04:10+DRB1*08:30:01	DRB1*04:55+DRB1*08:18

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DRB1*04:04:01+DRB1*08:05	DRB1*04:10+DRB1*08:24		
DRB1*04:04:01+DRB1*08:06	DRB1*04:10+DRB1*08:04:01G		
DRB1*04:04:01+DRB1*08:09	DRB1*04:08:01+DRB1*14:15		
DRB1*04:04:01+DRB1*08:17	DRB1*04:05:01G+DRB1*08:28	DRB1*04:28+DRB1*08:04:01G	DRB1*04:42+DRB1*08:01:01G
	DRB1*04:43+DRB1*08:06		
DRB1*04:04:01+DRB1*08:28	DRB1*04:42+DRB1*08:04:01G		
DRB1*04:04:01+DRB1*08:30:01	DRB1*04:56+DRB1*08:13		
DRB1*04:04:01+DRB1*08:37	DRB1*04:42+DRB1*08:03:02	DRB1*04:43+DRB1*08:10	
DRB1*04:04:01+DRB1*08:40	DRB1*04:13+DRB1*08:18		
DRB1*04:04:01+DRB1*08:41	DRB1*04:08:01+DRB1*08:31		
DRB1*04:04:01+DRB1*09:01:02	DRB1*04:08:01+DRB1*09:06		
DRB1*04:04:01+DRB1*09:02:01	DRB1*04:04:02+DRB1*09:02:02		
DRB1*04:04:01+DRB1*10:01:01	DRB1*04:08:01+DRB1*10:02		
DRB1*04:04:01+DRB1*10:01:02	DRB1*04:04:05+DRB1*10:01:03		
DRB1*04:04:01+DRB1*11:01:01G	DRB1*04:08:01+DRB1*11:04:01G	DRB1*04:36+DRB1*11:26	DRB1*04:42+DRB1*11:37
	DRB1*04:43+DRB1*11:56	DRB1*04:61+DRB1*13:11:01	
DRB1*04:04:01+DRB1*11:01:03G	DRB1*04:04:05+DRB1*11:01:01G	DRB1*04:47+DRB1*11:34	
DRB1*04:04:01+DRB1*11:01:04	DRB1*04:08:01+DRB1*11:04:05		
DRB1*04:04:01+DRB1*11:01:05	DRB1*04:08:01+DRB1*11:04:03		
DRB1*04:04:01+DRB1*11:01:10	DRB1*04:04:05+DRB1*11:01:05		
DRB1*04:04:01+DRB1*11:01:12	DRB1*04:08:01+DRB1*11:04:04		
DRB1*04:04:01+DRB1*11:03	DRB1*04:42+DRB1*11:41		
DRB1*04:04:01+DRB1*11:04:01G	DRB1*04:15+DRB1*13:44	DRB1*04:36+DRB1*11:34	DRB1*04:42+DRB1*11:56
DRB1*04:04:01+DRB1*11:07	DRB1*04:22+DRB1*11:34		
DRB1*04:04:01+DRB1*11:08:01G	DRB1*04:08:01+DRB1*11:42		
DRB1*04:04:01+DRB1*11:09	DRB1*04:15+DRB1*14:30	DRB1*04:61+DRB1*13:42	
DRB1*04:04:01+DRB1*11:11:01G	DRB1*04:08:01+DRB1*11:03	DRB1*04:43+DRB1*11:41	DRB1*04:61+DRB1*13:24
DRB1*04:04:01+DRB1*11:18	DRB1*04:56+DRB1*11:42		
DRB1*04:04:01+DRB1*11:19:01	DRB1*04:08:01+DRB1*11:18	DRB1*04:56+DRB1*11:08:01G	
DRB1*04:04:01+DRB1*11:19:02	DRB1*04:04:05+DRB1*11:19:01	DRB1*04:53+DRB1*11:26	
DRB1*04:04:01+DRB1*11:20	DRB1*04:08:01+DRB1*11:16	DRB1*04:61+DRB1*13:01:01G	
DRB1*04:04:01+DRB1*11:23	DRB1*04:08:01+DRB1*11:25	DRB1*04:25+DRB1*11:26	DRB1*04:31+DRB1*11:04:01G
	DRB1*04:54+DRB1*11:34	DRB1*04:55+DRB1*11:01:01G	
DRB1*04:04:01+DRB1*11:25	DRB1*04:25+DRB1*11:34	DRB1*04:55+DRB1*11:04:01G	
DRB1*04:04:01+DRB1*11:26	DRB1*04:08:01+DRB1*11:34	DRB1*04:61+DRB1*13:44	
DRB1*04:04:01+DRB1*11:27:01	DRB1*04:08:01+DRB1*11:84	DRB1*04:44+DRB1*11:01:01G	
DRB1*04:04:01+DRB1*11:28:01	DRB1*04:08:01+DRB1*11:58:02		
DRB1*04:04:01+DRB1*11:28:02	DRB1*04:08:01+DRB1*11:58:01		
DRB1*04:04:01+DRB1*11:29	DRB1*04:19+DRB1*11:04:01G	DRB1*04:68+DRB1*11:01:01G	
DRB1*04:04:01+DRB1*11:33	DRB1*04:08:01+DRB1*11:35		
DRB1*04:04:01+DRB1*11:36	DRB1*04:37+DRB1*11:34		
DRB1*04:04:01+DRB1*11:37	DRB1*04:08:01+DRB1*11:56		
DRB1*04:04:01+DRB1*11:39	DRB1*04:08:01+DRB1*11:43		
DRB1*04:04:01+DRB1*11:45	DRB1*04:18+DRB1*11:26	DRB1*04:31+DRB1*11:18	DRB1*04:55+DRB1*11:19:01
	DRB1*04:56+DRB1*11:64		
DRB1*04:04:01+DRB1*11:47	DRB1*04:68+DRB1*11:06:01		
DRB1*04:04:01+DRB1*11:49	DRB1*04:08:01+DRB1*11:44		
DRB1*04:04:01+DRB1*11:51	DRB1*04:32+DRB1*11:01:01G		
DRB1*04:04:01+DRB1*11:55	DRB1*04:55+DRB1*11:03		
DRB1*04:04:01+DRB1*11:63	DRB1*04:68+DRB1*11:03		
DRB1*04:04:01+DRB1*11:64	DRB1*04:31+DRB1*11:42	DRB1*04:55+DRB1*11:08:01G	DRB1*04:58+DRB1*11:26
DRB1*04:04:01+DRB1*11:68	DRB1*04:08:01+DRB1*11:36	DRB1*04:37+DRB1*11:26	
DRB1*04:04:01+DRB1*11:72	DRB1*04:08:01+DRB1*11:92		
DRB1*04:04:01+DRB1*11:84	DRB1*04:44+DRB1*11:04:01G		
DRB1*04:04:01+DRB1*11:87	DRB1*04:43+DRB1*11:83		
DRB1*04:04:01+DRB1*12:01:01G	DRB1*04:56+DRB1*12:12		
DRB1*04:04:01+DRB1*12:01:03	DRB1*04:04:05+DRB1*12:01:02		
DRB1*04:04:01+DRB1*12:02:01	DRB1*04:04:05+DRB1*12:02:04	DRB1*04:42+DRB1*12:21	
DRB1*04:04:01+DRB1*12:02:03	DRB1*04:04:04+DRB1*12:02:01		
DRB1*04:04:01+DRB1*12:11	DRB1*04:79+DRB1*12:01:01G		
DRB1*04:04:01+DRB1*13:01:05	DRB1*04:04:02+DRB1*13:01:01G		
DRB1*04:04:01+DRB1*13:02:02	DRB1*04:04:05+DRB1*13:02:01		
DRB1*04:04:01+DRB1*13:02:03	DRB1*04:04:02+DRB1*13:02:01	DRB1*04:08:01+DRB1*13:01:05	DRB1*04:08:02+DRB1*13:01:01G
DRB1*04:04:01+DRB1*13:03:01G	DRB1*04:08:01+DRB1*13:89	DRB1*04:10+DRB1*13:37	DRB1*04:13+DRB1*13:12
	DRB1*04:56+DRB1*13:88		
DRB1*04:04:01+DRB1*13:04	DRB1*04:10+DRB1*13:22	DRB1*04:42+DRB1*13:48	
DRB1*04:04:01+DRB1*13:05:01G	DRB1*04:08:01+DRB1*13:42	DRB1*04:36+DRB1*14:30	
DRB1*04:04:01+DRB1*13:07:02	DRB1*04:04:02+DRB1*13:07:01		
DRB1*04:04:01+DRB1*13:10	DRB1*04:13+DRB1*13:06		
DRB1*04:04:01+DRB1*13:11:01	DRB1*04:36+DRB1*13:44		
DRB1*04:04:01+DRB1*13:11:02	DRB1*04:04:02+DRB1*13:11:01		
DRB1*04:04:01+DRB1*13:13	DRB1*04:55+DRB1*13:12		
DRB1*04:04:01+DRB1*13:14:01G	DRB1*04:08:01+DRB1*13:11:01	DRB1*04:42+DRB1*13:07:01	
DRB1*04:04:01+DRB1*13:14:02	DRB1*04:04:02+DRB1*13:14:01G	DRB1*04:08:01+DRB1*13:11:02	DRB1*04:08:02+DRB1*13:11:01
	DRB1*04:42+DRB1*13:07:02		
DRB1*04:04:01+DRB1*13:15	DRB1*04:42+DRB1*13:53		
DRB1*04:04:01+DRB1*13:18	DRB1*04:25+DRB1*14:17	DRB1*04:55+DRB1*13:42	
DRB1*04:04:01+DRB1*13:20	DRB1*04:37+DRB1*14:17		
DRB1*04:04:01+DRB1*13:21:01G	DRB1*04:05:01G+DRB1*13:11:01	DRB1*04:10+DRB1*13:14:01G	DRB1*04:42+DRB1*13:49
DRB1*04:04:01+DRB1*13:23	DRB1*04:08:01+DRB1*13:22	DRB1*04:14+DRB1*13:44	DRB1*04:43+DRB1*13:70
DRB1*04:04:01+DRB1*13:27	DRB1*04:56+DRB1*13:71		
DRB1*04:04:01+DRB1*13:29	DRB1*04:08:01+DRB1*13:20	DRB1*04:37+DRB1*14:30	
DRB1*04:04:01+DRB1*13:30	DRB1*04:10+DRB1*13:82	DRB1*04:42+DRB1*13:12	
DRB1*04:04:01+DRB1*13:32	DRB1*04:10+DRB1*13:40		
DRB1*04:04:01+DRB1*13:33:01	DRB1*04:08:01+DRB1*13:94		
DRB1*04:04:01+DRB1*13:33:02G	DRB1*04:44+DRB1*13:03:01G		
DRB1*04:04:01+DRB1*13:38	DRB1*04:05:01G+DRB1*13:70	DRB1*04:08:01+DRB1*13:48	
DRB1*04:04:01+DRB1*13:39	DRB1*04:08:01+DRB1*13:79		
DRB1*04:04:01+DRB1*13:41	DRB1*04:08:01+DRB1*13:27		
DRB1*04:04:01+DRB1*13:42	DRB1*04:36+DRB1*14:17		
DRB1*04:04:01+DRB1*13:47	DRB1*04:08:01+DRB1*08:20	DRB1*04:55+DRB1*13:07:01	
DRB1*04:04:01+DRB1*13:48	DRB1*04:10+DRB1*13:70		
DRB1*04:04:01+DRB1*13:49	DRB1*04:10+DRB1*13:07:01		
DRB1*04:04:01+DRB1*13:55	DRB1*04:05:01G+DRB1*08:20	DRB1*04:10+DRB1*13:47	DRB1*04:55+DRB1*13:49
DRB1*04:04:01+DRB1*13:57	DRB1*04:42+DRB1*13:19		
DRB1*04:04:01+DRB1*13:61	DRB1*04:44+DRB1*13:01:01G		
DRB1*04:04:01+DRB1*13:65	DRB1*04:05:01G+DRB1*13:40	DRB1*04:08:01+DRB1*13:32	DRB1*04:10+DRB1*13:36
DRB1*04:04:01+DRB1*13:66:01G	DRB1*04:13+DRB1*13:30	DRB1*04:42+DRB1*13:03:01G	DRB1*04:43+DRB1*13:89
	DRB1*04:67+DRB1*13:82		
DRB1*04:04:01+DRB1*13:75	DRB1*04:10+DRB1*13:24		
DRB1*04:04:01+DRB1*13:79	DRB1*04:56+DRB1*13:78		
DRB1*04:04:01+DRB1*13:81	DRB1*04:13+DRB1*13:58		
DRB1*04:04:01+DRB1*13:82	DRB1*04:56+DRB1*13:25		
DRB1*04:04:01+DRB1*13:83	DRB1*04:42+DRB1*13:08		
DRB1*04:04:01+DRB1*13:93	DRB1*04:10+DRB1*13:01:01G	DRB1*04:42+DRB1*13:32	

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DRB1*04:04:01+DRB1*13:97	DRB1*04:08:01+DRB1*13:52		
DRB1*04:04:01+DRB1*14:02	DRB1*04:08:01+DRB1*14:06:01G		
DRB1*04:04:01+DRB1*14:03:01	DRB1*04:08:01+DRB1*14:02:01G	DRB1*04:58+DRB1*14:02	
DRB1*04:04:01+DRB1*14:07:01G	DRB1*04:07:01G+DRB1*14:32:02	DRB1*04:08:01+DRB1*14:01:01G	
DRB1*04:04:01+DRB1*14:09	DRB1*04:08:01+DRB1*14:80		
DRB1*04:04:01+DRB1*14:02:01G	DRB1*04:58+DRB1*14:06:01G		
DRB1*04:04:01+DRB1*14:13	DRB1*04:05:01G+DRB1*14:06:01G	DRB1*04:10+DRB1*14:02	
DRB1*04:04:01+DRB1*14:14	DRB1*04:08:01+DRB1*14:23:01		
DRB1*04:04:01+DRB1*14:17	DRB1*04:42+DRB1*14:80		
DRB1*04:04:01+DRB1*14:21	DRB1*04:13+DRB1*14:17		
DRB1*04:04:01+DRB1*14:27	DRB1*04:25+DRB1*14:02	DRB1*04:36+DRB1*14:89	DRB1*04:54+DRB1*14:06:01G
DRB1*04:04:01+DRB1*14:28	DRB1*04:27+DRB1*14:31		
DRB1*04:04:01+DRB1*14:30	DRB1*04:08:01+DRB1*14:17	DRB1*04:42+DRB1*14:09	DRB1*04:43+DRB1*14:80
DRB1*04:04:01+DRB1*14:35	DRB1*04:42+DRB1*14:01:01G	DRB1*04:59+DRB1*14:32:02	
DRB1*04:04:01+DRB1*14:38	DRB1*04:44+DRB1*14:01:02		
DRB1*04:04:01+DRB1*14:44:01	DRB1*04:07:01G+DRB1*14:100	DRB1*04:08:01+DRB1*14:05:01	
DRB1*04:04:01+DRB1*14:44:02	DRB1*04:08:01+DRB1*14:05:03		
DRB1*04:04:01+DRB1*14:45	DRB1*04:56+DRB1*14:05:01	DRB1*04:88+DRB1*14:100	
DRB1*04:04:01+DRB1*14:47	DRB1*04:44+DRB1*14:02		
DRB1*04:04:01+DRB1*14:53	DRB1*04:42+DRB1*14:25		
DRB1*04:04:01+DRB1*14:55	DRB1*04:55+DRB1*14:32:02		
DRB1*04:04:01+DRB1*14:63	DRB1*04:08:01+DRB1*14:78	DRB1*04:10+DRB1*14:67	DRB1*04:12+DRB1*14:02
	DRB1*04:18+DRB1*14:13	DRB1*04:56+DRB1*14:85	DRB1*04:86+DRB1*14:06:01G
DRB1*04:04:01+DRB1*14:67	DRB1*04:18+DRB1*14:02	DRB1*04:56+DRB1*14:03:01	
DRB1*04:04:01+DRB1*14:68	DRB1*04:07:01G+DRB1*14:31	DRB1*04:08:01+DRB1*14:04	
DRB1*04:04:01+DRB1*14:75	DRB1*04:51+DRB1*14:32:01	DRB1*04:70+DRB1*14:01:02	
DRB1*04:04:01+DRB1*14:77	DRB1*04:58+DRB1*14:41		
DRB1*04:04:01+DRB1*14:78	DRB1*04:12+DRB1*14:06:01G		
DRB1*04:04:01+DRB1*14:85	DRB1*04:05:01G+DRB1*14:02:01G	DRB1*04:10+DRB1*14:03:01	DRB1*04:58+DRB1*14:13
DRB1*04:04:01+DRB1*14:89	DRB1*04:31+DRB1*14:06:01G	DRB1*04:55+DRB1*14:02	
DRB1*04:04:01+DRB1*14:98	DRB1*04:44+DRB1*14:03:01	DRB1*04:58+DRB1*14:47	
DRB1*04:04:01+DRB1*14:99	DRB1*04:27+DRB1*14:32:02		
DRB1*04:04:01+DRB1*15:01:01G	DRB1*04:04:02+DRB1*15:01:04	DRB1*04:42+DRB1*15:07	DRB1*04:56+DRB1*15:05
DRB1*04:04:01+DRB1*15:01:09	DRB1*04:04:04+DRB1*15:01:01G		
DRB1*04:04:01+DRB1*15:02:01	DRB1*04:04:02+DRB1*15:02:02G	DRB1*04:08:01+DRB1*15:01:01G	DRB1*04:08:02+DRB1*15:01:04
	DRB1*04:42+DRB1*15:11	DRB1*04:43+DRB1*15:07	DRB1*04:56+DRB1*15:31
DRB1*04:04:01+DRB1*15:02:02G	DRB1*04:08:01+DRB1*15:01:04		
DRB1*04:04:01+DRB1*15:02:04	DRB1*04:04:04+DRB1*15:02:01	DRB1*04:08:01+DRB1*15:01:09	
DRB1*04:04:01+DRB1*15:02:06	DRB1*04:08:01+DRB1*15:01:03		
DRB1*04:04:01+DRB1*15:02:07	DRB1*04:04:03+DRB1*15:02:01		
DRB1*04:04:01+DRB1*15:02:08	DRB1*04:08:01+DRB1*15:01:10		
DRB1*04:04:01+DRB1*15:03:01G	DRB1*04:56+DRB1*15:23		
DRB1*04:04:01+DRB1*15:09	DRB1*04:42+DRB1*15:48		
DRB1*04:04:01+DRB1*15:11	DRB1*04:08:01+DRB1*15:07		
DRB1*04:04:01+DRB1*15:12	DRB1*04:10+DRB1*15:01:04		
DRB1*04:04:01+DRB1*15:15	DRB1*04:08:01+DRB1*15:04		
DRB1*04:04:01+DRB1*15:27	DRB1*04:42+DRB1*15:34		
DRB1*04:04:01+DRB1*15:31	DRB1*04:08:01+DRB1*15:05		
DRB1*04:04:01+DRB1*16:01:01	DRB1*04:04:05+DRB1*16:01:02	DRB1*04:08:01+DRB1*16:15	
DRB1*04:04:01+DRB1*16:01:02	DRB1*04:36+DRB1*15:34		
DRB1*04:04:01+DRB1*16:02:01	DRB1*04:04:05+DRB1*16:02:02		
DRB1*04:04:01+DRB1*16:04	DRB1*04:25+DRB1*15:34	DRB1*04:55+DRB1*16:01:02	
DRB1*04:04:01+DRB1*16:05:01	DRB1*04:53+DRB1*15:34	DRB1*04:56+DRB1*16:02:01	
DRB1*04:04:01+DRB1*16:09	DRB1*04:42+DRB1*16:01:01	DRB1*04:43+DRB1*16:15	
DRB1*04:04:01+DRB1*16:10	DRB1*04:42+DRB1*16:02:01		
DRB1*04:04:02+DRB1*04:05:01G	DRB1*04:08:02+DRB1*04:10		
DRB1*04:04:02+DRB1*04:09	DRB1*04:08:02+DRB1*04:67		
DRB1*04:04:02+DRB1*04:19	DRB1*04:08:02+DRB1*04:68		
DRB1*04:04:02+DRB1*04:31	DRB1*04:08:02+DRB1*04:55		
DRB1*04:04:02+DRB1*04:43	DRB1*04:08:02+DRB1*04:42		
DRB1*04:04:02+DRB1*04:54	DRB1*04:08:02+DRB1*04:25		
DRB1*04:04:02+DRB1*04:86	DRB1*04:08:02+DRB1*04:12		
DRB1*04:04:02+DRB1*04:91	DRB1*04:06:04+DRB1*04:10		
DRB1*04:04:02+DRB1*08:01:01G	DRB1*04:08:02+DRB1*08:06		
DRB1*04:04:02+DRB1*08:02:01G	DRB1*04:08:02+DRB1*08:04:01G		
DRB1*04:04:02+DRB1*08:03:02	DRB1*04:08:02+DRB1*08:10		
DRB1*04:04:02+DRB1*08:09	DRB1*04:08:02+DRB1*14:15		
DRB1*04:04:02+DRB1*08:41	DRB1*04:08:02+DRB1*08:31		
DRB1*04:04:02+DRB1*09:01:02	DRB1*04:08:02+DRB1*09:06		
DRB1*04:04:02+DRB1*10:01:01	DRB1*04:08:02+DRB1*10:02		
DRB1*04:04:02+DRB1*11:01:01G	DRB1*04:08:02+DRB1*11:04:01G	DRB1*04:61+DRB1*13:11:02	
DRB1*04:04:02+DRB1*11:01:04	DRB1*04:08:02+DRB1*11:04:05		
DRB1*04:04:02+DRB1*11:01:05	DRB1*04:08:02+DRB1*11:04:03		
DRB1*04:04:02+DRB1*11:01:12	DRB1*04:08:02+DRB1*11:04:04		
DRB1*04:04:02+DRB1*11:08:01G	DRB1*04:08:02+DRB1*11:42		
DRB1*04:04:02+DRB1*11:11:01G	DRB1*04:08:02+DRB1*11:03		
DRB1*04:04:02+DRB1*11:14:01G	DRB1*04:08:02+DRB1*11:02:01		
DRB1*04:04:02+DRB1*11:19:01	DRB1*04:08:02+DRB1*11:18		
DRB1*04:04:02+DRB1*11:20	DRB1*04:08:02+DRB1*11:16	DRB1*04:61+DRB1*13:01:05	
DRB1*04:04:02+DRB1*11:23	DRB1*04:08:02+DRB1*11:25		
DRB1*04:04:02+DRB1*11:26	DRB1*04:08:02+DRB1*11:34		
DRB1*04:04:02+DRB1*11:27:01	DRB1*04:08:02+DRB1*11:84		
DRB1*04:04:02+DRB1*11:28:01	DRB1*04:08:02+DRB1*11:58:02		
DRB1*04:04:02+DRB1*11:28:02	DRB1*04:08:02+DRB1*11:58:01		
DRB1*04:04:02+DRB1*11:33	DRB1*04:08:02+DRB1*11:35		
DRB1*04:04:02+DRB1*11:37	DRB1*04:08:02+DRB1*11:56		
DRB1*04:04:02+DRB1*11:39	DRB1*04:08:02+DRB1*11:43		
DRB1*04:04:02+DRB1*11:49	DRB1*04:08:02+DRB1*11:44		
DRB1*04:04:02+DRB1*11:68	DRB1*04:08:02+DRB1*11:36		
DRB1*04:04:02+DRB1*11:72	DRB1*04:08:02+DRB1*11:92		
DRB1*04:04:02+DRB1*11:82	DRB1*04:73+DRB1*11:26		
DRB1*04:04:02+DRB1*13:02:02	DRB1*04:04:05+DRB1*13:02:03		
DRB1*04:04:02+DRB1*13:02:03	DRB1*04:08:02+DRB1*13:01:05		
DRB1*04:04:02+DRB1*13:03:01G	DRB1*04:08:02+DRB1*13:89		
DRB1*04:04:02+DRB1*13:05:01G	DRB1*04:08:02+DRB1*13:42		
DRB1*04:04:02+DRB1*13:09	DRB1*04:73+DRB1*14:17		
DRB1*04:04:02+DRB1*13:14:02	DRB1*04:08:02+DRB1*13:11:02		
DRB1*04:04:02+DRB1*13:21:01G	DRB1*04:05:01G+DRB1*13:11:02	DRB1*04:10+DRB1*13:14:02	
DRB1*04:04:02+DRB1*13:23	DRB1*04:08:02+DRB1*13:22		
DRB1*04:04:02+DRB1*13:29	DRB1*04:08:02+DRB1*13:20		
DRB1*04:04:02+DRB1*13:33:01	DRB1*04:08:02+DRB1*13:94		
DRB1*04:04:02+DRB1*13:36	DRB1*04:08:02+DRB1*13:40		
DRB1*04:04:02+DRB1*13:38	DRB1*04:08:02+DRB1*13:48		
DRB1*04:04:02+DRB1*13:39	DRB1*04:08:02+DRB1*13:79		
DRB1*04:04:02+DRB1*13:41	DRB1*04:08:02+DRB1*13:27		

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DRB1*04:04:02+DRB1*13:47	DRB1*04:08:02+DRB1*08:20	DRB1*04:55+DRB1*13:07:02	
DRB1*04:04:02+DRB1*13:49	DRB1*04:10+DRB1*13:07:02		
DRB1*04:04:02+DRB1*13:61	DRB1*04:44+DRB1*13:01:05		
DRB1*04:04:02+DRB1*13:65	DRB1*04:08:02+DRB1*13:32		
DRB1*04:04:02+DRB1*13:93	DRB1*04:10+DRB1*13:01:05		
DRB1*04:04:02+DRB1*13:97	DRB1*04:08:02+DRB1*13:52		
DRB1*04:04:02+DRB1*14:02	DRB1*04:08:02+DRB1*14:06:01G		
DRB1*04:04:02+DRB1*14:03:01	DRB1*04:08:02+DRB1*14:02:01G		
DRB1*04:04:02+DRB1*14:07:01G	DRB1*04:08:02+DRB1*14:01:01G		
DRB1*04:04:02+DRB1*14:09	DRB1*04:08:02+DRB1*14:80		
DRB1*04:04:02+DRB1*14:14	DRB1*04:08:02+DRB1*14:23:01		
DRB1*04:04:02+DRB1*14:24	DRB1*04:73+DRB1*14:02		
DRB1*04:04:02+DRB1*14:30	DRB1*04:08:02+DRB1*14:17		
DRB1*04:04:02+DRB1*14:44:01	DRB1*04:08:02+DRB1*14:05:01		
DRB1*04:04:02+DRB1*14:44:02	DRB1*04:08:02+DRB1*14:05:03		
DRB1*04:04:02+DRB1*14:63	DRB1*04:08:02+DRB1*14:78		
DRB1*04:04:02+DRB1*14:68	DRB1*04:08:02+DRB1*14:04		
DRB1*04:04:02+DRB1*15:02:01	DRB1*04:08:02+DRB1*15:01:01G	DRB1*04:73+DRB1*15:27	
DRB1*04:04:02+DRB1*15:02:04	DRB1*04:08:02+DRB1*15:01:09		
DRB1*04:04:02+DRB1*15:02:06	DRB1*04:08:02+DRB1*15:01:03		
DRB1*04:04:02+DRB1*15:02:08	DRB1*04:08:02+DRB1*15:01:10		
DRB1*04:04:02+DRB1*15:11	DRB1*04:08:02+DRB1*15:07	DRB1*04:73+DRB1*15:34	
DRB1*04:04:02+DRB1*15:12	DRB1*04:10+DRB1*15:01:01G		
DRB1*04:04:02+DRB1*15:15	DRB1*04:08:02+DRB1*15:04		
DRB1*04:04:02+DRB1*15:31	DRB1*04:08:02+DRB1*15:05		
DRB1*04:04:02+DRB1*16:01:01	DRB1*04:08:02+DRB1*16:15		
DRB1*04:04:03+DRB1*04:05:08	DRB1*04:04:05+DRB1*04:05:07		
DRB1*04:04:03+DRB1*04:09	DRB1*04:05:07+DRB1*04:13		
DRB1*04:04:03+DRB1*04:28	DRB1*04:05:07+DRB1*04:42		
DRB1*04:04:03+DRB1*04:84	DRB1*04:05:07+DRB1*04:68		
DRB1*04:04:03+DRB1*04:86	DRB1*04:05:07+DRB1*04:18		
DRB1*04:04:03+DRB1*04:87	DRB1*04:05:07+DRB1*04:70		
DRB1*04:04:03+DRB1*08:01:01G	DRB1*04:05:07+DRB1*08:04:01G		
DRB1*04:04:03+DRB1*08:17	DRB1*04:05:07+DRB1*08:28		
DRB1*04:04:03+DRB1*13:21:01G	DRB1*04:05:07+DRB1*13:11:01		
DRB1*04:04:03+DRB1*13:38	DRB1*04:05:07+DRB1*13:70		
DRB1*04:04:03+DRB1*13:55	DRB1*04:05:07+DRB1*08:20		
DRB1*04:04:03+DRB1*13:65	DRB1*04:05:07+DRB1*13:40		
DRB1*04:04:03+DRB1*14:13	DRB1*04:05:07+DRB1*14:06:01G		
DRB1*04:04:03+DRB1*14:85	DRB1*04:05:07+DRB1*14:02:01G		
DRB1*04:04:03+DRB1*15:02:04	DRB1*04:04:04+DRB1*15:02:07		
DRB1*04:04:04+DRB1*04:17:01G	DRB1*04:07:04+DRB1*04:10		
DRB1*04:04:04+DRB1*04:20	DRB1*04:07:04+DRB1*04:68		
DRB1*04:04:04+DRB1*04:74	DRB1*04:07:04+DRB1*04:44		
DRB1*04:04:04+DRB1*14:07:01G	DRB1*04:07:04+DRB1*14:32:02		
DRB1*04:04:04+DRB1*14:44:01	DRB1*04:07:04+DRB1*14:100		
DRB1*04:04:04+DRB1*14:51	DRB1*04:07:04+DRB1*14:06:01G		
DRB1*04:04:04+DRB1*14:68	DRB1*04:07:04+DRB1*14:31		
DRB1*04:04:05+DRB1*04:09	DRB1*04:05:08+DRB1*04:13		
DRB1*04:04:05+DRB1*04:18	DRB1*04:53+DRB1*04:55		
DRB1*04:04:05+DRB1*04:28	DRB1*04:05:08+DRB1*04:42		
DRB1*04:04:05+DRB1*04:54	DRB1*04:47+DRB1*04:55		
DRB1*04:04:05+DRB1*04:84	DRB1*04:05:08+DRB1*04:68		
DRB1*04:04:05+DRB1*04:86	DRB1*04:05:08+DRB1*04:18		
DRB1*04:04:05+DRB1*04:87	DRB1*04:05:08+DRB1*04:70		
DRB1*04:04:05+DRB1*08:01:01G	DRB1*04:05:08+DRB1*08:04:01G		
DRB1*04:04:05+DRB1*08:17	DRB1*04:05:08+DRB1*08:28		
DRB1*04:04:05+DRB1*08:34	DRB1*04:55+DRB1*08:25		
DRB1*04:04:05+DRB1*11:18	DRB1*04:53+DRB1*11:34		
DRB1*04:04:05+DRB1*11:23	DRB1*04:55+DRB1*11:01:03G		
DRB1*04:04:05+DRB1*11:27:01	DRB1*04:44+DRB1*11:01:03G		
DRB1*04:04:05+DRB1*11:29	DRB1*04:68+DRB1*11:01:03G		
DRB1*04:04:05+DRB1*11:45	DRB1*04:55+DRB1*11:19:02		
DRB1*04:04:05+DRB1*11:51	DRB1*04:32+DRB1*11:01:03G		
DRB1*04:04:05+DRB1*11:73	DRB1*04:13+DRB1*11:19:02	DRB1*04:53+DRB1*11:79	
DRB1*04:04:05+DRB1*11:93	DRB1*04:13+DRB1*11:01:03G		
DRB1*04:04:05+DRB1*13:05:01G	DRB1*04:47+DRB1*14:17		
DRB1*04:04:05+DRB1*13:06	DRB1*04:53+DRB1*14:17		
DRB1*04:04:05+DRB1*13:10	DRB1*04:53+DRB1*14:21		
DRB1*04:04:05+DRB1*13:14:01G	DRB1*04:47+DRB1*13:44		
DRB1*04:04:05+DRB1*13:21:01G	DRB1*04:05:08+DRB1*13:11:01		
DRB1*04:04:05+DRB1*13:38	DRB1*04:05:08+DRB1*13:70		
DRB1*04:04:05+DRB1*13:55	DRB1*04:05:08+DRB1*08:20		
DRB1*04:04:05+DRB1*13:65	DRB1*04:05:08+DRB1*13:40		
DRB1*04:04:05+DRB1*13:85	DRB1*04:53+DRB1*14:19		
DRB1*04:04:05+DRB1*14:13	DRB1*04:05:08+DRB1*14:06:01G		
DRB1*04:04:05+DRB1*14:67	DRB1*04:53+DRB1*14:89		
DRB1*04:04:05+DRB1*14:85	DRB1*04:05:08+DRB1*14:02:01G		
DRB1*04:04:05+DRB1*16:04	DRB1*04:31+DRB1*16:15	DRB1*04:55+DRB1*16:01:01	
DRB1*04:05:01G+DRB1*04:07:01G	DRB1*04:08:01+DRB1*04:17:01G		
DRB1*04:05:01G+DRB1*04:11	DRB1*04:10+DRB1*04:17:01G		
DRB1*04:05:01G+DRB1*04:12	DRB1*04:10+DRB1*04:86		
DRB1*04:05:01G+DRB1*04:19	DRB1*04:08:01+DRB1*04:84		
DRB1*04:05:01G+DRB1*04:20	DRB1*04:07:01G+DRB1*04:84	DRB1*04:17:01G+DRB1*04:19	
DRB1*04:05:01G+DRB1*04:25	DRB1*04:10+DRB1*04:54	DRB1*04:58+DRB1*04:80	
DRB1*04:05:01G+DRB1*04:43	DRB1*04:08:01+DRB1*04:28		
DRB1*04:05:01G+DRB1*04:52	DRB1*04:17:01G+DRB1*04:23		
DRB1*04:05:01G+DRB1*04:55	DRB1*04:10+DRB1*04:31		
DRB1*04:05:01G+DRB1*04:67	DRB1*04:09+DRB1*04:10		
DRB1*04:05:01G+DRB1*04:78	DRB1*04:06:01G+DRB1*04:24		
DRB1*04:05:01G+DRB1*04:88	DRB1*04:17:01G+DRB1*04:56		
DRB1*04:05:01G+DRB1*04:91	DRB1*04:11+DRB1*04:84		
DRB1*04:05:01G+DRB1*07:01:01G	DRB1*04:90+DRB1*07:11		
DRB1*04:05:01G+DRB1*08:02:01G	DRB1*04:08:01+DRB1*08:01:01G	DRB1*04:31+DRB1*08:05	DRB1*04:80+DRB1*08:13
DRB1*04:05:01G+DRB1*08:06	DRB1*04:10+DRB1*08:01:01G		
DRB1*04:05:01G+DRB1*08:10	DRB1*04:10+DRB1*08:03:02		
DRB1*04:05:01G+DRB1*08:17	DRB1*04:28+DRB1*08:01:01G		
DRB1*04:05:01G+DRB1*08:24	DRB1*04:08:01+DRB1*08:05		
DRB1*04:05:01G+DRB1*08:29	DRB1*04:17:01G+DRB1*08:18		
DRB1*04:05:01G+DRB1*08:30:01	DRB1*04:08:01+DRB1*08:03:02	DRB1*04:31+DRB1*08:18	
DRB1*04:05:01G+DRB1*08:31	DRB1*04:10+DRB1*08:41		
DRB1*04:05:01G+DRB1*08:37	DRB1*04:28+DRB1*08:03:02		
DRB1*04:05:01G+DRB1*08:40	DRB1*04:09+DRB1*08:18		
DRB1*04:05:01G+DRB1*08:41	DRB1*04:61+DRB1*08:05		
DRB1*04:05:01G+DRB1*09:01:02	DRB1*04:80+DRB1*09:04	DRB1*04:90+DRB1*09:05	

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DRB1*04:05:01G+DRB1*09:06	DRB1*04:10+DRB1*09:01:02		
DRB1*04:05:01G+DRB1*10:01:02	DRB1*04:05:08+DRB1*10:01:03		
DRB1*04:05:01G+DRB1*10:02	DRB1*04:10+DRB1*10:01:01		
DRB1*04:05:01G+DRB1*11:01:01G	DRB1*04:28+DRB1*11:37	DRB1*04:61+DRB1*13:21:01G	DRB1*04:80+DRB1*11:08:01G
DRB1*04:05:01G+DRB1*11:01:03G	DRB1*04:05:08+DRB1*11:01:01G		
DRB1*04:05:01G+DRB1*11:01:10	DRB1*04:05:08+DRB1*11:01:05		
DRB1*04:05:01G+DRB1*11:02:01	DRB1*04:09+DRB1*11:98	DRB1*04:10+DRB1*11:14:01G	DRB1*04:28+DRB1*11:48
	DRB1*04:61+DRB1*13:04		
DRB1*04:05:01G+DRB1*11:03	DRB1*04:10+DRB1*11:11:01G	DRB1*04:28+DRB1*11:41	DRB1*04:61+DRB1*13:75
	DRB1*04:80+DRB1*11:36		
DRB1*04:05:01G+DRB1*11:04:01G	DRB1*04:10+DRB1*11:01:01G	DRB1*04:28+DRB1*11:56	DRB1*04:80+DRB1*11:42
DRB1*04:05:01G+DRB1*11:04:03	DRB1*04:10+DRB1*11:01:05		
DRB1*04:05:01G+DRB1*11:04:04	DRB1*04:10+DRB1*11:01:12		
DRB1*04:05:01G+DRB1*11:04:05	DRB1*04:10+DRB1*11:01:04		
DRB1*04:05:01G+DRB1*11:06:01	DRB1*04:80+DRB1*11:57		
DRB1*04:05:01G+DRB1*11:11:01G	DRB1*04:80+DRB1*11:68		
DRB1*04:05:01G+DRB1*11:13:01G	DRB1*04:61+DRB1*14:65		
DRB1*04:05:01G+DRB1*11:16	DRB1*04:10+DRB1*11:20	DRB1*04:61+DRB1*13:93	
DRB1*04:05:01G+DRB1*11:18	DRB1*04:10+DRB1*11:19:01		
DRB1*04:05:01G+DRB1*11:19:01	DRB1*04:61+DRB1*13:30		
DRB1*04:05:01G+DRB1*11:19:02	DRB1*04:05:08+DRB1*11:19:01		
DRB1*04:05:01G+DRB1*11:23	DRB1*04:80+DRB1*11:64		
DRB1*04:05:01G+DRB1*11:25	DRB1*04:10+DRB1*11:23		
DRB1*04:05:01G+DRB1*11:28:01	DRB1*04:77+DRB1*11:01:01G		
DRB1*04:05:01G+DRB1*11:28:02	DRB1*04:77+DRB1*11:01:12		
DRB1*04:05:01G+DRB1*11:29	DRB1*04:84+DRB1*11:01:01G		
DRB1*04:05:01G+DRB1*11:34	DRB1*04:10+DRB1*11:26		
DRB1*04:05:01G+DRB1*11:35	DRB1*04:10+DRB1*11:33		
DRB1*04:05:01G+DRB1*11:36	DRB1*04:10+DRB1*11:68		
DRB1*04:05:01G+DRB1*11:37	DRB1*04:61+DRB1*13:49		
DRB1*04:05:01G+DRB1*11:42	DRB1*04:10+DRB1*11:08:01G		
DRB1*04:05:01G+DRB1*11:43	DRB1*04:10+DRB1*11:39		
DRB1*04:05:01G+DRB1*11:44	DRB1*04:10+DRB1*11:49		
DRB1*04:05:01G+DRB1*11:45	DRB1*04:86+DRB1*11:26		
DRB1*04:05:01G+DRB1*11:47	DRB1*04:84+DRB1*11:06:01		
DRB1*04:05:01G+DRB1*11:48	DRB1*04:61+DRB1*13:48		
DRB1*04:05:01G+DRB1*11:54:01	DRB1*04:11+DRB1*11:01:05	DRB1*04:17:01G+DRB1*11:04:03	
DRB1*04:05:01G+DRB1*11:54:02	DRB1*04:11+DRB1*11:01:01G	DRB1*04:17:01G+DRB1*11:04:01G	
DRB1*04:05:01G+DRB1*11:56	DRB1*04:10+DRB1*11:37		
DRB1*04:05:01G+DRB1*11:58:01	DRB1*04:10+DRB1*11:28:02	DRB1*04:77+DRB1*11:04:04	
DRB1*04:05:01G+DRB1*11:58:02	DRB1*04:10+DRB1*11:28:01	DRB1*04:77+DRB1*11:04:01G	
DRB1*04:05:01G+DRB1*11:63	DRB1*04:84+DRB1*11:03		
DRB1*04:05:01G+DRB1*11:66	DRB1*04:29+DRB1*11:01:01G		
DRB1*04:05:01G+DRB1*11:73	DRB1*04:09+DRB1*11:19:01	DRB1*04:61+DRB1*13:66:01G	
DRB1*04:05:01G+DRB1*11:79	DRB1*04:09+DRB1*11:26		
DRB1*04:05:01G+DRB1*11:84	DRB1*04:10+DRB1*11:27:01		
DRB1*04:05:01G+DRB1*11:92	DRB1*04:10+DRB1*11:72		
DRB1*04:05:01G+DRB1*11:93	DRB1*04:09+DRB1*11:01:01G		
DRB1*04:05:01G+DRB1*12:01:03	DRB1*04:05:08+DRB1*12:01:02		
DRB1*04:05:01G+DRB1*12:02:01	DRB1*04:05:08+DRB1*12:02:04	DRB1*04:28+DRB1*12:21	DRB1*04:80+DRB1*12:12
DRB1*04:05:01G+DRB1*12:02:05	DRB1*04:05:10+DRB1*12:02:01		
DRB1*04:05:01G+DRB1*13:01:01G	DRB1*04:08:01+DRB1*13:93	DRB1*04:10+DRB1*13:02:01	DRB1*04:28+DRB1*13:40
	DRB1*04:42+DRB1*13:65	DRB1*04:43+DRB1*13:32	DRB1*04:77+DRB1*13:52
DRB1*04:05:01G+DRB1*13:01:05	DRB1*04:08:02+DRB1*13:93	DRB1*04:10+DRB1*13:02:03	
DRB1*04:05:01G+DRB1*13:02:01	DRB1*04:28+DRB1*13:36	DRB1*04:43+DRB1*13:65	DRB1*04:77+DRB1*13:97
DRB1*04:05:01G+DRB1*13:02:02	DRB1*04:05:08+DRB1*13:02:01		
DRB1*04:05:01G+DRB1*13:03:01G	DRB1*04:09+DRB1*13:12		
DRB1*04:05:01G+DRB1*13:03:05	DRB1*04:05:10+DRB1*13:03:01G		
DRB1*04:05:01G+DRB1*13:04	DRB1*04:28+DRB1*13:48		
DRB1*04:05:01G+DRB1*13:05:01G	DRB1*04:80+DRB1*13:56		
DRB1*04:05:01G+DRB1*13:07:01	DRB1*04:08:01+DRB1*13:49		
DRB1*04:05:01G+DRB1*13:07:02	DRB1*04:08:02+DRB1*13:49		
DRB1*04:05:01G+DRB1*13:10	DRB1*04:09+DRB1*13:06		
DRB1*04:05:01G+DRB1*13:14:01G	DRB1*04:08:01+DRB1*13:21:01G	DRB1*04:28+DRB1*13:07:01	DRB1*04:43+DRB1*13:49
	DRB1*04:80+DRB1*13:25		
DRB1*04:05:01G+DRB1*13:14:02	DRB1*04:08:02+DRB1*13:21:01G	DRB1*04:28+DRB1*13:07:02	
DRB1*04:05:01G+DRB1*13:15	DRB1*04:28+DRB1*13:53		
DRB1*04:05:01G+DRB1*13:20	DRB1*04:10+DRB1*13:29		
DRB1*04:05:01G+DRB1*13:21:01G	DRB1*04:28+DRB1*13:49		
DRB1*04:05:01G+DRB1*13:22	DRB1*04:08:01+DRB1*13:04	DRB1*04:10+DRB1*13:23	DRB1*04:28+DRB1*13:70
	DRB1*04:42+DRB1*13:38	DRB1*04:43+DRB1*13:48	
DRB1*04:05:01G+DRB1*13:23	DRB1*04:43+DRB1*13:38		
DRB1*04:05:01G+DRB1*13:24	DRB1*04:08:01+DRB1*13:75		
DRB1*04:05:01G+DRB1*13:27	DRB1*04:10+DRB1*13:41		
DRB1*04:05:01G+DRB1*13:30	DRB1*04:28+DRB1*13:12		
DRB1*04:05:01G+DRB1*13:32	DRB1*04:10+DRB1*13:65		
DRB1*04:05:01G+DRB1*13:36	DRB1*04:08:01+DRB1*13:65		
DRB1*04:05:01G+DRB1*13:42	DRB1*04:10+DRB1*13:05:01G		
DRB1*04:05:01G+DRB1*13:47	DRB1*04:08:01+DRB1*13:55	DRB1*04:31+DRB1*13:49	
DRB1*04:05:01G+DRB1*13:48	DRB1*04:10+DRB1*13:38		
DRB1*04:05:01G+DRB1*13:50:01	DRB1*04:77+DRB1*13:14:01G		
DRB1*04:05:01G+DRB1*13:52	DRB1*04:10+DRB1*13:97		
DRB1*04:05:01G+DRB1*13:57	DRB1*04:28+DRB1*13:19		
DRB1*04:05:01G+DRB1*13:63	DRB1*04:80+DRB1*13:29		
DRB1*04:05:01G+DRB1*13:66:01G	DRB1*04:09+DRB1*13:30	DRB1*04:28+DRB1*13:03:01G	
DRB1*04:05:01G+DRB1*13:79	DRB1*04:10+DRB1*13:39		
DRB1*04:05:01G+DRB1*13:81	DRB1*04:09+DRB1*13:58		
DRB1*04:05:01G+DRB1*13:82	DRB1*04:08:01+DRB1*13:30	DRB1*04:43+DRB1*13:12	
DRB1*04:05:01G+DRB1*13:83	DRB1*04:28+DRB1*13:08		
DRB1*04:05:01G+DRB1*13:87	DRB1*04:77+DRB1*13:83		
DRB1*04:05:01G+DRB1*13:89	DRB1*04:10+DRB1*13:03:01G	DRB1*04:67+DRB1*13:12	
DRB1*04:05:01G+DRB1*13:93	DRB1*04:28+DRB1*13:32		
DRB1*04:05:01G+DRB1*13:94	DRB1*04:10+DRB1*13:33:01		
DRB1*04:05:01G+DRB1*14:01:01G	DRB1*04:10+DRB1*14:07:01G	DRB1*04:17:01G+DRB1*14:32:02	
DRB1*04:05:01G+DRB1*14:01:02	DRB1*04:17:01G+DRB1*14:32:01		
DRB1*04:05:01G+DRB1*14:02	DRB1*04:08:01+DRB1*14:13		
DRB1*04:05:01G+DRB1*14:03:01	DRB1*04:08:01+DRB1*14:85		
DRB1*04:05:01G+DRB1*14:04	DRB1*04:10+DRB1*14:68	DRB1*04:17:01G+DRB1*14:31	
DRB1*04:05:01G+DRB1*14:05:01	DRB1*04:10+DRB1*14:44:01	DRB1*04:17:01G+DRB1*14:100	
DRB1*04:05:01G+DRB1*14:05:03	DRB1*04:10+DRB1*14:44:02		
DRB1*04:05:01G+DRB1*14:08	DRB1*04:17:01G+DRB1*14:34		
DRB1*04:05:01G+DRB1*14:15	DRB1*04:10+DRB1*08:09		
DRB1*04:05:01G+DRB1*14:17	DRB1*04:10+DRB1*14:30	DRB1*04:28+DRB1*14:80	
DRB1*04:05:01G+DRB1*14:21	DRB1*04:09+DRB1*14:17	DRB1*04:67+DRB1*14:30	
DRB1*04:05:01G+DRB1*14:23:01	DRB1*04:10+DRB1*14:14		

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DRB1*04:05:01G+DRB1*14:25	DRB1*04:80+DRB1*14:69		
DRB1*04:05:01G+DRB1*14:27	DRB1*04:54+DRB1*14:13	DRB1*04:80+DRB1*14:03:01	
DRB1*04:05:01G+DRB1*14:30	DRB1*04:28+DRB1*14:09		
DRB1*04:05:01G+DRB1*14:33	DRB1*04:11+DRB1*14:30	DRB1*04:17:01G+DRB1*14:17	
DRB1*04:05:01G+DRB1*14:35	DRB1*04:28+DRB1*14:01:01G		
DRB1*04:05:01G+DRB1*14:51	DRB1*04:07:01G+DRB1*14:13	DRB1*04:17:01G+DRB1*14:02	
DRB1*04:05:01G+DRB1*14:53	DRB1*04:28+DRB1*14:25		
DRB1*04:05:01G+DRB1*14:56	DRB1*04:48+DRB1*14:05:01		
DRB1*04:05:01G+DRB1*14:63	DRB1*04:86+DRB1*14:13		
DRB1*04:05:01G+DRB1*14:67	DRB1*04:08:01+DRB1*14:63	DRB1*04:86+DRB1*14:02	
DRB1*04:05:01G+DRB1*14:75	DRB1*04:87+DRB1*14:01:02		
DRB1*04:05:01G+DRB1*14:78	DRB1*04:10+DRB1*14:63	DRB1*04:12+DRB1*14:13	
DRB1*04:05:01G+DRB1*14:80	DRB1*04:10+DRB1*14:09		
DRB1*04:05:01G+DRB1*14:81	DRB1*04:24+DRB1*14:06:01G		
DRB1*04:05:01G+DRB1*14:89	DRB1*04:31+DRB1*14:13		
DRB1*04:05:01G+DRB1*15:01:01G	DRB1*04:08:02+DRB1*15:12	DRB1*04:10+DRB1*15:02:01	DRB1*04:28+DRB1*15:07
DRB1*04:05:01G+DRB1*15:01:03	DRB1*04:10+DRB1*15:02:06		
DRB1*04:05:01G+DRB1*15:01:04	DRB1*04:08:01+DRB1*15:12	DRB1*04:10+DRB1*15:02:02G	
DRB1*04:05:01G+DRB1*15:01:09	DRB1*04:10+DRB1*15:02:04		
DRB1*04:05:01G+DRB1*15:01:10	DRB1*04:10+DRB1*15:02:08		
DRB1*04:05:01G+DRB1*15:02:01	DRB1*04:28+DRB1*15:11		
DRB1*04:05:01G+DRB1*15:02:07	DRB1*04:05:07+DRB1*15:02:01		
DRB1*04:05:01G+DRB1*15:04	DRB1*04:10+DRB1*15:15	DRB1*04:80+DRB1*15:05	
DRB1*04:05:01G+DRB1*15:05	DRB1*04:10+DRB1*15:31		
DRB1*04:05:01G+DRB1*15:07	DRB1*04:10+DRB1*15:11		
DRB1*04:05:01G+DRB1*15:09	DRB1*04:28+DRB1*15:48		
DRB1*04:05:01G+DRB1*15:15	DRB1*04:80+DRB1*15:31		
DRB1*04:05:01G+DRB1*15:21	DRB1*04:12+DRB1*15:27		
DRB1*04:05:01G+DRB1*15:27	DRB1*04:28+DRB1*15:34		
DRB1*04:05:01G+DRB1*15:32	DRB1*04:77+DRB1*15:01:01G		
DRB1*04:05:01G+DRB1*16:01:01	DRB1*04:05:08+DRB1*16:01:02	DRB1*04:80+DRB1*16:02:01	
DRB1*04:05:01G+DRB1*16:01:02	DRB1*04:80+DRB1*16:02:02		
DRB1*04:05:01G+DRB1*16:02:01	DRB1*04:05:08+DRB1*16:02:02		
DRB1*04:05:01G+DRB1*16:09	DRB1*04:28+DRB1*16:01:01	DRB1*04:80+DRB1*16:10	
DRB1*04:05:01G+DRB1*16:10	DRB1*04:28+DRB1*16:02:01		
DRB1*04:05:01G+DRB1*16:15	DRB1*04:10+DRB1*16:01:01		
DRB1*04:05:07+DRB1*15:01:01G	DRB1*04:10+DRB1*15:02:07		
DRB1*04:05:08+DRB1*04:36	DRB1*04:10+DRB1*04:47		
DRB1*04:05:08+DRB1*11:04:01G	DRB1*04:10+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*11:04:03	DRB1*04:10+DRB1*11:01:10		
DRB1*04:05:08+DRB1*11:18	DRB1*04:10+DRB1*11:19:02		
DRB1*04:05:08+DRB1*11:28:01	DRB1*04:77+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*11:29	DRB1*04:84+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*11:54:01	DRB1*04:11+DRB1*11:01:10		
DRB1*04:05:08+DRB1*11:54:02	DRB1*04:11+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*11:66	DRB1*04:29+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*11:73	DRB1*04:09+DRB1*11:19:02		
DRB1*04:05:08+DRB1*11:93	DRB1*04:09+DRB1*11:01:03G		
DRB1*04:05:08+DRB1*13:01:01G	DRB1*04:10+DRB1*13:02:02		
DRB1*04:05:10+DRB1*13:37	DRB1*04:08:01+DRB1*13:03:05		
DRB1*04:05:10+DRB1*13:66:01G	DRB1*04:28+DRB1*13:03:05		
DRB1*04:05:10+DRB1*13:89	DRB1*04:10+DRB1*13:03:05		
DRB1*04:06:01G+DRB1*04:12	DRB1*04:18+DRB1*04:91		
DRB1*04:06:01G+DRB1*04:17:01G	DRB1*04:07:01G+DRB1*04:91	DRB1*04:11+DRB1*04:20	
DRB1*04:06:01G+DRB1*04:19	DRB1*04:20+DRB1*04:68		
DRB1*04:06:01G+DRB1*04:23	DRB1*04:52+DRB1*04:68		
DRB1*04:06:01G+DRB1*04:28	DRB1*04:43+DRB1*04:91	DRB1*04:59+DRB1*04:84	
DRB1*04:06:01G+DRB1*04:31	DRB1*04:20+DRB1*04:55		
DRB1*04:06:01G+DRB1*04:35	DRB1*04:21+DRB1*04:59		
DRB1*04:06:01G+DRB1*04:38	DRB1*04:21+DRB1*04:88		
DRB1*04:06:01G+DRB1*04:42	DRB1*04:59+DRB1*04:68		
DRB1*04:06:01G+DRB1*04:43	DRB1*04:19+DRB1*04:59	DRB1*04:20+DRB1*04:42	
DRB1*04:06:01G+DRB1*04:54	DRB1*04:20+DRB1*04:25		
DRB1*04:06:01G+DRB1*04:56	DRB1*04:68+DRB1*04:88		
DRB1*04:06:01G+DRB1*04:67	DRB1*04:13+DRB1*04:91		
DRB1*04:06:01G+DRB1*04:70	DRB1*04:51+DRB1*04:68		
DRB1*04:06:01G+DRB1*04:77	DRB1*04:41+DRB1*04:84		
DRB1*04:06:01G+DRB1*04:84	DRB1*04:19+DRB1*04:91		
DRB1*04:06:01G+DRB1*04:86	DRB1*04:12+DRB1*04:20		
DRB1*04:06:01G+DRB1*04:87	DRB1*04:51+DRB1*04:84		
DRB1*04:06:01G+DRB1*08:01:01G	DRB1*04:20+DRB1*08:06	DRB1*04:91+DRB1*08:02:01G	
DRB1*04:06:01G+DRB1*08:02:01G	DRB1*04:20+DRB1*08:04:01G		
DRB1*04:06:01G+DRB1*08:03:02	DRB1*04:20+DRB1*08:10	DRB1*04:91+DRB1*08:30:01	
DRB1*04:06:01G+DRB1*08:05	DRB1*04:91+DRB1*08:24		
DRB1*04:06:01G+DRB1*08:06	DRB1*04:91+DRB1*08:04:01G		
DRB1*04:06:01G+DRB1*08:09	DRB1*04:20+DRB1*14:15		
DRB1*04:06:01G+DRB1*08:18	DRB1*04:68+DRB1*08:29		
DRB1*04:06:01G+DRB1*08:30:02	DRB1*04:06:03+DRB1*08:30:01		
DRB1*04:06:01G+DRB1*08:41	DRB1*04:20+DRB1*08:31		
DRB1*04:06:01G+DRB1*09:01:02	DRB1*04:20+DRB1*09:06		
DRB1*04:06:01G+DRB1*09:02:01	DRB1*04:06:04+DRB1*09:02:02		
DRB1*04:06:01G+DRB1*10:01:01	DRB1*04:20+DRB1*10:02		
DRB1*04:06:01G+DRB1*11:01:04	DRB1*04:20+DRB1*11:04:05		
DRB1*04:06:01G+DRB1*11:01:05	DRB1*04:19+DRB1*11:54:01	DRB1*04:20+DRB1*11:04:03	
DRB1*04:06:01G+DRB1*11:01:12	DRB1*04:20+DRB1*11:04:04		
DRB1*04:06:01G+DRB1*11:04:01G	DRB1*04:68+DRB1*11:54:02		
DRB1*04:06:01G+DRB1*11:04:03	DRB1*04:68+DRB1*11:54:01		
DRB1*04:06:01G+DRB1*11:08:01G	DRB1*04:20+DRB1*11:42		
DRB1*04:06:01G+DRB1*11:11:01G	DRB1*04:07:01G+DRB1*11:63	DRB1*04:20+DRB1*11:03	
DRB1*04:06:01G+DRB1*11:14:01G	DRB1*04:20+DRB1*11:02:01		
DRB1*04:06:01G+DRB1*11:19:01	DRB1*04:20+DRB1*11:18		
DRB1*04:06:01G+DRB1*11:20	DRB1*04:20+DRB1*11:16		
DRB1*04:06:01G+DRB1*11:23	DRB1*04:20+DRB1*11:25		
DRB1*04:06:01G+DRB1*11:26	DRB1*04:20+DRB1*11:34		
DRB1*04:06:01G+DRB1*11:27:01	DRB1*04:20+DRB1*11:84		
DRB1*04:06:01G+DRB1*11:28:01	DRB1*04:20+DRB1*11:58:02	DRB1*04:41+DRB1*11:29	
DRB1*04:06:01G+DRB1*11:28:02	DRB1*04:20+DRB1*11:58:01		
DRB1*04:06:01G+DRB1*11:33	DRB1*04:20+DRB1*11:35		
DRB1*04:06:01G+DRB1*11:37	DRB1*04:20+DRB1*11:56		
DRB1*04:06:01G+DRB1*11:39	DRB1*04:20+DRB1*11:43		
DRB1*04:06:01G+DRB1*11:49	DRB1*04:20+DRB1*11:44		
DRB1*04:06:01G+DRB1*11:68	DRB1*04:20+DRB1*11:36		
DRB1*04:06:01G+DRB1*11:72	DRB1*04:20+DRB1*11:92		
DRB1*04:06:01G+DRB1*11:93	DRB1*04:21+DRB1*11:54:02		
DRB1*04:06:01G+DRB1*13:01:05	DRB1*04:06:04+DRB1*13:01:01G		

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DRB1*04:06:01G+DRB1*13:01:06	DRB1*04:06:03+DRB1*13:01:01G		
DRB1*04:06:01G+DRB1*13:02:01	DRB1*04:20+DRB1*13:01:01G		
DRB1*04:06:01G+DRB1*13:02:03	DRB1*04:06:04+DRB1*13:02:01	DRB1*04:20+DRB1*13:01:05	
DRB1*04:06:01G+DRB1*13:03:01G	DRB1*04:20+DRB1*13:89	DRB1*04:91+DRB1*13:37	
DRB1*04:06:01G+DRB1*13:04	DRB1*04:91+DRB1*13:22		
DRB1*04:06:01G+DRB1*13:05:01G	DRB1*04:20+DRB1*13:42		
DRB1*04:06:01G+DRB1*13:07:02	DRB1*04:06:04+DRB1*13:07:01		
DRB1*04:06:01G+DRB1*13:11:02	DRB1*04:06:04+DRB1*13:11:01		
DRB1*04:06:01G+DRB1*13:14:01G	DRB1*04:20+DRB1*13:11:01		
DRB1*04:06:01G+DRB1*13:14:02	DRB1*04:06:04+DRB1*13:14:01G	DRB1*04:20+DRB1*13:11:02	
DRB1*04:06:01G+DRB1*13:21:01G	DRB1*04:91+DRB1*13:14:01G		
DRB1*04:06:01G+DRB1*13:23	DRB1*04:20+DRB1*13:22		
DRB1*04:06:01G+DRB1*13:29	DRB1*04:20+DRB1*13:20		
DRB1*04:06:01G+DRB1*13:30	DRB1*04:91+DRB1*13:82		
DRB1*04:06:01G+DRB1*13:32	DRB1*04:91+DRB1*13:40		
DRB1*04:06:01G+DRB1*13:33:01	DRB1*04:20+DRB1*13:94		
DRB1*04:06:01G+DRB1*13:36	DRB1*04:20+DRB1*13:40		
DRB1*04:06:01G+DRB1*13:38	DRB1*04:20+DRB1*13:48		
DRB1*04:06:01G+DRB1*13:39	DRB1*04:20+DRB1*13:79		
DRB1*04:06:01G+DRB1*13:40	DRB1*04:41+DRB1*13:84		
DRB1*04:06:01G+DRB1*13:41	DRB1*04:20+DRB1*13:27		
DRB1*04:06:01G+DRB1*13:47	DRB1*04:20+DRB1*08:20		
DRB1*04:06:01G+DRB1*13:48	DRB1*04:91+DRB1*13:70		
DRB1*04:06:01G+DRB1*13:49	DRB1*04:91+DRB1*13:07:01		
DRB1*04:06:01G+DRB1*13:52	DRB1*04:59+DRB1*13:84		
DRB1*04:06:01G+DRB1*13:55	DRB1*04:91+DRB1*13:47		
DRB1*04:06:01G+DRB1*13:65	DRB1*04:20+DRB1*13:32	DRB1*04:91+DRB1*13:36	
DRB1*04:06:01G+DRB1*13:75	DRB1*04:91+DRB1*13:24		
DRB1*04:06:01G+DRB1*13:93	DRB1*04:91+DRB1*13:01:01G		
DRB1*04:06:01G+DRB1*13:97	DRB1*04:20+DRB1*13:52		
DRB1*04:06:01G+DRB1*14:02	DRB1*04:20+DRB1*14:06:01G	DRB1*04:41+DRB1*14:94	DRB1*04:68+DRB1*14:51
DRB1*04:06:01G+DRB1*14:03:01	DRB1*04:20+DRB1*14:02:01G		
DRB1*04:06:01G+DRB1*14:05:01	DRB1*04:06:03+DRB1*14:05:02		
DRB1*04:06:01G+DRB1*14:07:01G	DRB1*04:20+DRB1*14:01:01G		
DRB1*04:06:01G+DRB1*14:09	DRB1*04:20+DRB1*14:80		
DRB1*04:06:01G+DRB1*14:13	DRB1*04:91+DRB1*14:02		
DRB1*04:06:01G+DRB1*14:14	DRB1*04:20+DRB1*14:23:01		
DRB1*04:06:01G+DRB1*14:17	DRB1*04:68+DRB1*14:33		
DRB1*04:06:01G+DRB1*14:23:03	DRB1*04:06:03+DRB1*14:23:01		
DRB1*04:06:01G+DRB1*14:30	DRB1*04:19+DRB1*14:33	DRB1*04:20+DRB1*14:17	
DRB1*04:06:01G+DRB1*14:31	DRB1*04:68+DRB1*14:04		
DRB1*04:06:01G+DRB1*14:32:01	DRB1*04:68+DRB1*14:01:02		
DRB1*04:06:01G+DRB1*14:32:02	DRB1*04:68+DRB1*14:01:01G		
DRB1*04:06:01G+DRB1*14:34	DRB1*04:68+DRB1*14:08		
DRB1*04:06:01G+DRB1*14:44:01	DRB1*04:20+DRB1*14:05:01		
DRB1*04:06:01G+DRB1*14:44:02	DRB1*04:20+DRB1*14:05:03		
DRB1*04:06:01G+DRB1*14:63	DRB1*04:20+DRB1*14:78	DRB1*04:91+DRB1*14:67	
DRB1*04:06:01G+DRB1*14:68	DRB1*04:20+DRB1*14:04		
DRB1*04:06:01G+DRB1*14:81	DRB1*04:78+DRB1*14:06:01G		
DRB1*04:06:01G+DRB1*14:85	DRB1*04:91+DRB1*14:03:01		
DRB1*04:06:01G+DRB1*14:100	DRB1*04:68+DRB1*14:05:01		
DRB1*04:06:01G+DRB1*15:01:01G	DRB1*04:06:04+DRB1*15:01:04		
DRB1*04:06:01G+DRB1*15:02:01	DRB1*04:06:04+DRB1*15:02:02G	DRB1*04:20+DRB1*15:01:01G	
DRB1*04:06:01G+DRB1*15:02:02G	DRB1*04:20+DRB1*15:01:04		
DRB1*04:06:01G+DRB1*15:02:04	DRB1*04:20+DRB1*15:01:09		
DRB1*04:06:01G+DRB1*15:02:06	DRB1*04:20+DRB1*15:01:03		
DRB1*04:06:01G+DRB1*15:02:08	DRB1*04:20+DRB1*15:01:10		
DRB1*04:06:01G+DRB1*15:11	DRB1*04:20+DRB1*15:07		
DRB1*04:06:01G+DRB1*15:12	DRB1*04:91+DRB1*15:01:04		
DRB1*04:06:01G+DRB1*15:15	DRB1*04:20+DRB1*15:04		
DRB1*04:06:01G+DRB1*15:31	DRB1*04:20+DRB1*15:05		
DRB1*04:06:01G+DRB1*16:01:01	DRB1*04:20+DRB1*16:15		
DRB1*04:06:01G+DRB1*16:08	DRB1*04:41+DRB1*16:01:01		
DRB1*04:06:03+DRB1*08:03:02	DRB1*04:91+DRB1*08:30:02		
DRB1*04:06:03+DRB1*13:01:05	DRB1*04:06:04+DRB1*13:01:06		
DRB1*04:06:03+DRB1*13:02:01	DRB1*04:20+DRB1*13:01:06		
DRB1*04:06:03+DRB1*13:93	DRB1*04:91+DRB1*13:01:06		
DRB1*04:06:03+DRB1*14:14	DRB1*04:20+DRB1*14:23:03		
DRB1*04:06:04+DRB1*13:21:01G	DRB1*04:91+DRB1*13:14:02		
DRB1*04:06:04+DRB1*13:49	DRB1*04:91+DRB1*13:07:02		
DRB1*04:06:04+DRB1*13:93	DRB1*04:91+DRB1*13:01:05		
DRB1*04:06:04+DRB1*15:12	DRB1*04:91+DRB1*15:01:01G		
DRB1*04:07:01G+DRB1*04:19	DRB1*04:08:01+DRB1*04:20		
DRB1*04:07:01G+DRB1*04:23	DRB1*04:08:01+DRB1*04:52		
DRB1*04:07:01G+DRB1*04:28	DRB1*04:17:01G+DRB1*04:43		
DRB1*04:07:01G+DRB1*04:56	DRB1*04:08:01+DRB1*04:88		
DRB1*04:07:01G+DRB1*04:70	DRB1*04:08:01+DRB1*04:51		
DRB1*04:07:01G+DRB1*07:04	DRB1*04:74+DRB1*07:11		
DRB1*04:07:01G+DRB1*08:01:01G	DRB1*04:17:01G+DRB1*08:02:01G		
DRB1*04:07:01G+DRB1*08:03:02	DRB1*04:17:01G+DRB1*08:30:01	DRB1*04:31+DRB1*08:29	
DRB1*04:07:01G+DRB1*08:05	DRB1*04:17:01G+DRB1*08:24		
DRB1*04:07:01G+DRB1*08:12	DRB1*04:27+DRB1*08:03:02		
DRB1*04:07:01G+DRB1*08:18	DRB1*04:08:01+DRB1*08:29		
DRB1*04:07:01G+DRB1*08:22	DRB1*04:27+DRB1*08:01:01G		
DRB1*04:07:01G+DRB1*08:28	DRB1*04:59+DRB1*08:02:01G		
DRB1*04:07:01G+DRB1*11:06:01	DRB1*04:27+DRB1*11:01:01G		
DRB1*04:07:01G+DRB1*11:06:02	DRB1*04:27+DRB1*11:01:05		
DRB1*04:07:01G+DRB1*11:13:01G	DRB1*04:43+DRB1*11:17		
DRB1*04:07:01G+DRB1*11:21	DRB1*04:27+DRB1*11:14:01G		
DRB1*04:07:01G+DRB1*11:27:01	DRB1*04:74+DRB1*11:01:01G		
DRB1*04:07:01G+DRB1*11:29	DRB1*04:20+DRB1*11:01:01G		
DRB1*04:07:01G+DRB1*11:47	DRB1*04:20+DRB1*11:06:01	DRB1*04:27+DRB1*11:29	
DRB1*04:07:01G+DRB1*11:57	DRB1*04:27+DRB1*11:08:01G		
DRB1*04:07:01G+DRB1*12:02:03	DRB1*04:07:04+DRB1*12:02:01		
DRB1*04:07:01G+DRB1*13:03:01G	DRB1*04:17:01G+DRB1*13:37		
DRB1*04:07:01G+DRB1*13:04	DRB1*04:11+DRB1*13:23	DRB1*04:17:01G+DRB1*13:22	DRB1*04:59+DRB1*13:38
DRB1*04:07:01G+DRB1*13:06	DRB1*04:88+DRB1*13:56		
DRB1*04:07:01G+DRB1*13:18	DRB1*04:54+DRB1*14:33		
DRB1*04:07:01G+DRB1*13:21:01G	DRB1*04:17:01G+DRB1*13:14:01G		
DRB1*04:07:01G+DRB1*13:30	DRB1*04:17:01G+DRB1*13:82		
DRB1*04:07:01G+DRB1*13:33:02G	DRB1*04:74+DRB1*13:03:01G		
DRB1*04:07:01G+DRB1*13:49	DRB1*04:17:01G+DRB1*13:07:01		
DRB1*04:07:01G+DRB1*13:55	DRB1*04:17:01G+DRB1*13:47		
DRB1*04:07:01G+DRB1*13:58	DRB1*04:27+DRB1*13:12		
DRB1*04:07:01G+DRB1*13:61	DRB1*04:74+DRB1*13:01:01G		

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DRB1*04:07:01G+DRB1*13:65	DRB1*04:17:01G+DRB1*13:36		
DRB1*04:07:01G+DRB1*13:75	DRB1*04:17:01G+DRB1*13:24		
DRB1*04:07:01G+DRB1*13:77	DRB1*04:82+DRB1*14:33		
DRB1*04:07:01G+DRB1*13:81	DRB1*04:27+DRB1*13:03:01G		
DRB1*04:07:01G+DRB1*13:93	DRB1*04:11+DRB1*13:02:01	DRB1*04:17:01G+DRB1*13:01:01G	DRB1*04:59+DRB1*13:65
DRB1*04:07:01G+DRB1*14:02	DRB1*04:08:01+DRB1*14:51		
DRB1*04:07:01G+DRB1*14:27	DRB1*04:54+DRB1*14:51		
DRB1*04:07:01G+DRB1*14:28	DRB1*04:27+DRB1*14:68		
DRB1*04:07:01G+DRB1*14:29	DRB1*04:27+DRB1*14:02		
DRB1*04:07:01G+DRB1*14:32:01	DRB1*04:08:01+DRB1*14:01:02		
DRB1*04:07:01G+DRB1*14:34	DRB1*04:08:01+DRB1*14:08		
DRB1*04:07:01G+DRB1*14:35	DRB1*04:59+DRB1*14:07:01G		
DRB1*04:07:01G+DRB1*14:38	DRB1*04:74+DRB1*14:01:02		
DRB1*04:07:01G+DRB1*14:45	DRB1*04:88+DRB1*14:44:01		
DRB1*04:07:01G+DRB1*14:47	DRB1*04:74+DRB1*14:02		
DRB1*04:07:01G+DRB1*14:55	DRB1*04:31+DRB1*14:01:01G	DRB1*04:55+DRB1*14:07:01G	
DRB1*04:07:01G+DRB1*14:63	DRB1*04:17:01G+DRB1*14:67	DRB1*04:86+DRB1*14:51	
DRB1*04:07:01G+DRB1*14:65	DRB1*04:28+DRB1*14:23:01		
DRB1*04:07:01G+DRB1*14:85	DRB1*04:17:01G+DRB1*14:03:01		
DRB1*04:07:01G+DRB1*14:89	DRB1*04:31+DRB1*14:51		
DRB1*04:07:01G+DRB1*14:98	DRB1*04:74+DRB1*14:03:01		
DRB1*04:07:01G+DRB1*14:99	DRB1*04:27+DRB1*14:07:01G		
DRB1*04:07:01G+DRB1*15:02:04	DRB1*04:07:04+DRB1*15:02:01		
DRB1*04:07:01G+DRB1*15:12	DRB1*04:11+DRB1*15:02:02G	DRB1*04:17:01G+DRB1*15:01:04	
DRB1*04:07:01G+DRB1*15:32	DRB1*04:41+DRB1*15:02:01		
DRB1*04:07:01G+DRB1*15:35	DRB1*04:27+DRB1*15:02:01		
DRB1*04:07:04+DRB1*15:32	DRB1*04:41+DRB1*15:02:04		
DRB1*04:07:04+DRB1*15:35	DRB1*04:27+DRB1*15:02:04		
DRB1*04:08:01+DRB1*04:15	DRB1*04:36+DRB1*04:61		
DRB1*04:08:01+DRB1*08:02:01G	DRB1*04:31+DRB1*08:24		
DRB1*04:08:01+DRB1*08:17	DRB1*04:28+DRB1*08:02:01G	DRB1*04:43+DRB1*08:01:01G	
DRB1*04:08:01+DRB1*08:28	DRB1*04:42+DRB1*08:02:01G	DRB1*04:43+DRB1*08:04:01G	
DRB1*04:08:01+DRB1*08:37	DRB1*04:28+DRB1*08:30:01	DRB1*04:43+DRB1*08:03:02	
DRB1*04:08:01+DRB1*08:41	DRB1*04:61+DRB1*08:24		
DRB1*04:08:01+DRB1*09:02:01	DRB1*04:08:02+DRB1*09:02:02		
DRB1*04:08:01+DRB1*11:01:01G	DRB1*04:43+DRB1*11:37	DRB1*04:61+DRB1*13:14:01G	
DRB1*04:08:01+DRB1*11:01:03G	DRB1*04:47+DRB1*11:26		
DRB1*04:08:01+DRB1*11:07	DRB1*04:22+DRB1*11:26		
DRB1*04:08:01+DRB1*11:08:01G	DRB1*04:61+DRB1*13:25		
DRB1*04:08:01+DRB1*11:09	DRB1*04:61+DRB1*13:05:01G		
DRB1*04:08:01+DRB1*11:14:01G	DRB1*04:14+DRB1*11:26	DRB1*04:61+DRB1*13:23	
DRB1*04:08:01+DRB1*11:15	DRB1*04:61+DRB1*13:62		
DRB1*04:08:01+DRB1*11:17	DRB1*04:61+DRB1*14:23:01		
DRB1*04:08:01+DRB1*11:19:01	DRB1*04:61+DRB1*13:82		
DRB1*04:08:01+DRB1*11:20	DRB1*04:61+DRB1*13:02:01		
DRB1*04:08:01+DRB1*11:23	DRB1*04:31+DRB1*11:01:01G	DRB1*04:54+DRB1*11:26	
DRB1*04:08:01+DRB1*11:28:01	DRB1*04:61+DRB1*13:50:01		
DRB1*04:08:01+DRB1*11:28:02	DRB1*04:61+DRB1*13:50:02		
DRB1*04:08:01+DRB1*11:29	DRB1*04:19+DRB1*11:01:01G		
DRB1*04:08:01+DRB1*11:37	DRB1*04:61+DRB1*13:07:01		
DRB1*04:08:01+DRB1*11:45	DRB1*04:31+DRB1*11:19:01		
DRB1*04:08:01+DRB1*11:47	DRB1*04:19+DRB1*11:06:01		
DRB1*04:08:01+DRB1*11:48	DRB1*04:61+DRB1*13:70		
DRB1*04:08:01+DRB1*11:55	DRB1*04:31+DRB1*11:03	DRB1*04:55+DRB1*11:11:01G	
DRB1*04:08:01+DRB1*11:63	DRB1*04:19+DRB1*11:03	DRB1*04:68+DRB1*11:11:01G	
DRB1*04:08:01+DRB1*11:64	DRB1*04:31+DRB1*11:08:01G		
DRB1*04:08:01+DRB1*11:67	DRB1*04:61+DRB1*08:28		
DRB1*04:08:01+DRB1*12:02:01	DRB1*04:43+DRB1*12:21		
DRB1*04:08:01+DRB1*12:04	DRB1*04:61+DRB1*12:09		
DRB1*04:08:01+DRB1*13:02:01	DRB1*04:14+DRB1*14:30	DRB1*04:43+DRB1*13:36	
DRB1*04:08:01+DRB1*13:02:03	DRB1*04:08:02+DRB1*13:02:01		
DRB1*04:08:01+DRB1*13:06	DRB1*04:56+DRB1*13:56		
DRB1*04:08:01+DRB1*13:07:02	DRB1*04:08:02+DRB1*13:07:01		
DRB1*04:08:01+DRB1*13:13	DRB1*04:31+DRB1*13:12		
DRB1*04:08:01+DRB1*13:14:01G	DRB1*04:43+DRB1*13:07:01		
DRB1*04:08:01+DRB1*13:14:02	DRB1*04:08:02+DRB1*13:14:01G	DRB1*04:43+DRB1*13:07:02	
DRB1*04:08:01+DRB1*13:15	DRB1*04:43+DRB1*13:53		
DRB1*04:08:01+DRB1*13:18	DRB1*04:25+DRB1*14:30 DRB1*04:55+DRB1*13:05:01G	DRB1*04:31+DRB1*13:42	DRB1*04:54+DRB1*14:17
DRB1*04:08:01+DRB1*13:19	DRB1*04:14+DRB1*14:20		
DRB1*04:08:01+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:12		
DRB1*04:08:01+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:12		
DRB1*04:08:01+DRB1*13:36	DRB1*04:14+DRB1*14:09		
DRB1*04:08:01+DRB1*13:47	DRB1*04:31+DRB1*13:07:01		
DRB1*04:08:01+DRB1*13:57	DRB1*04:43+DRB1*13:19		
DRB1*04:08:01+DRB1*13:61	DRB1*04:44+DRB1*13:02:01		
DRB1*04:08:01+DRB1*13:77	DRB1*04:82+DRB1*14:17		
DRB1*04:08:01+DRB1*13:83	DRB1*04:43+DRB1*13:08		
DRB1*04:08:01+DRB1*14:27	DRB1*04:54+DRB1*14:02		
DRB1*04:08:01+DRB1*14:30	DRB1*04:43+DRB1*14:09		
DRB1*04:08:01+DRB1*14:35	DRB1*04:42+DRB1*14:07:01G	DRB1*04:43+DRB1*14:01:01G	
DRB1*04:08:01+DRB1*14:38	DRB1*04:74+DRB1*14:32:01		
DRB1*04:08:01+DRB1*14:45	DRB1*04:56+DRB1*14:44:01		
DRB1*04:08:01+DRB1*14:53	DRB1*04:43+DRB1*14:25		
DRB1*04:08:01+DRB1*14:55	DRB1*04:31+DRB1*14:32:02		
DRB1*04:08:01+DRB1*14:89	DRB1*04:31+DRB1*14:02		
DRB1*04:08:01+DRB1*15:02:01	DRB1*04:08:02+DRB1*15:02:02G	DRB1*04:43+DRB1*15:11	
DRB1*04:08:01+DRB1*15:09	DRB1*04:43+DRB1*15:48		
DRB1*04:08:01+DRB1*15:21	DRB1*04:18+DRB1*15:27		
DRB1*04:08:01+DRB1*15:25	DRB1*04:22+DRB1*15:27		
DRB1*04:08:01+DRB1*15:27	DRB1*04:43+DRB1*15:34		
DRB1*04:08:01+DRB1*16:01:01	DRB1*04:47+DRB1*15:34		
DRB1*04:08:01+DRB1*16:04	DRB1*04:31+DRB1*16:01:02	DRB1*04:54+DRB1*15:34	
DRB1*04:08:01+DRB1*16:09	DRB1*04:43+DRB1*16:01:01	DRB1*04:47+DRB1*15:27	
DRB1*04:08:01+DRB1*16:10	DRB1*04:43+DRB1*16:02:01		
DRB1*04:08:02+DRB1*11:01:01G	DRB1*04:61+DRB1*13:14:02		
DRB1*04:08:02+DRB1*11:20	DRB1*04:61+DRB1*13:02:03		
DRB1*04:08:02+DRB1*11:37	DRB1*04:61+DRB1*13:07:02		
DRB1*04:08:02+DRB1*13:09	DRB1*04:73+DRB1*14:30		
DRB1*04:08:02+DRB1*13:47	DRB1*04:31+DRB1*13:07:02		
DRB1*04:08:02+DRB1*13:61	DRB1*04:44+DRB1*13:02:03		
DRB1*04:08:02+DRB1*16:16	DRB1*04:61+DRB1*16:02:01		
DRB1*04:09+DRB1*04:11	DRB1*04:17:01G+DRB1*04:67		
DRB1*04:09+DRB1*04:12	DRB1*04:67+DRB1*04:86		
DRB1*04:09+DRB1*04:20	DRB1*04:17:01G+DRB1*04:21		

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DRB1*04:09+DRB1*04:25	DRB1*04:54+DRB1*04:67		
DRB1*04:09+DRB1*04:42	DRB1*04:10+DRB1*04:35	DRB1*04:13+DRB1*04:28	DRB1*04:43+DRB1*04:67
DRB1*04:09+DRB1*04:44	DRB1*04:10+DRB1*04:72:02		
DRB1*04:09+DRB1*04:55	DRB1*04:31+DRB1*04:67		
DRB1*04:09+DRB1*04:56	DRB1*04:10+DRB1*04:38		
DRB1*04:09+DRB1*04:59	DRB1*04:11+DRB1*04:35		
DRB1*04:09+DRB1*04:68	DRB1*04:10+DRB1*04:21	DRB1*04:13+DRB1*04:84	DRB1*04:19+DRB1*04:67
DRB1*04:09+DRB1*04:70	DRB1*04:13+DRB1*04:87		
DRB1*04:09+DRB1*04:74	DRB1*04:17:01G+DRB1*04:72:02		
DRB1*04:09+DRB1*04:88	DRB1*04:11+DRB1*04:38		
DRB1*04:09+DRB1*08:06	DRB1*04:67+DRB1*08:01:01G		
DRB1*04:09+DRB1*08:08	DRB1*04:62+DRB1*08:01:01G		
DRB1*04:09+DRB1*08:10	DRB1*04:67+DRB1*08:03:02		
DRB1*04:09+DRB1*08:20	DRB1*04:13+DRB1*13:55	DRB1*04:67+DRB1*13:47	
DRB1*04:09+DRB1*08:28	DRB1*04:13+DRB1*08:17	DRB1*04:35+DRB1*08:06	
DRB1*04:09+DRB1*08:29	DRB1*04:17:01G+DRB1*08:40		
DRB1*04:09+DRB1*08:31	DRB1*04:67+DRB1*08:41		
DRB1*04:09+DRB1*09:06	DRB1*04:67+DRB1*09:01:02		
DRB1*04:09+DRB1*10:02	DRB1*04:67+DRB1*10:01:01		
DRB1*04:09+DRB1*11:02:01	DRB1*04:67+DRB1*11:14:01G		
DRB1*04:09+DRB1*11:03	DRB1*04:67+DRB1*11:11:01G		
DRB1*04:09+DRB1*11:04:01G	DRB1*04:10+DRB1*11:93	DRB1*04:67+DRB1*11:01:01G	
DRB1*04:09+DRB1*11:04:03	DRB1*04:67+DRB1*11:01:05		
DRB1*04:09+DRB1*11:04:04	DRB1*04:67+DRB1*11:01:12		
DRB1*04:09+DRB1*11:04:05	DRB1*04:67+DRB1*11:01:04		
DRB1*04:09+DRB1*11:16	DRB1*04:67+DRB1*11:20		
DRB1*04:09+DRB1*11:18	DRB1*04:10+DRB1*11:73	DRB1*04:67+DRB1*11:19:01	
DRB1*04:09+DRB1*11:25	DRB1*04:67+DRB1*11:23		
DRB1*04:09+DRB1*11:28:01	DRB1*04:77+DRB1*11:93		
DRB1*04:09+DRB1*11:29	DRB1*04:84+DRB1*11:93		
DRB1*04:09+DRB1*11:34	DRB1*04:10+DRB1*11:79	DRB1*04:67+DRB1*11:26	
DRB1*04:09+DRB1*11:35	DRB1*04:67+DRB1*11:33		
DRB1*04:09+DRB1*11:36	DRB1*04:67+DRB1*11:68		
DRB1*04:09+DRB1*11:42	DRB1*04:67+DRB1*11:08:01G		
DRB1*04:09+DRB1*11:43	DRB1*04:67+DRB1*11:39		
DRB1*04:09+DRB1*11:44	DRB1*04:67+DRB1*11:49		
DRB1*04:09+DRB1*11:45	DRB1*04:86+DRB1*11:79		
DRB1*04:09+DRB1*11:54:02	DRB1*04:11+DRB1*11:93		
DRB1*04:09+DRB1*11:56	DRB1*04:67+DRB1*11:37		
DRB1*04:09+DRB1*11:58:01	DRB1*04:67+DRB1*11:28:02		
DRB1*04:09+DRB1*11:58:02	DRB1*04:67+DRB1*11:28:01		
DRB1*04:09+DRB1*11:66	DRB1*04:29+DRB1*11:93		
DRB1*04:09+DRB1*11:84	DRB1*04:67+DRB1*11:27:01		
DRB1*04:09+DRB1*11:92	DRB1*04:67+DRB1*11:72		
DRB1*04:09+DRB1*13:01:05	DRB1*04:67+DRB1*13:02:03		
DRB1*04:09+DRB1*13:02:01	DRB1*04:35+DRB1*13:65		
DRB1*04:09+DRB1*13:11:01	DRB1*04:13+DRB1*13:21:01G	DRB1*04:67+DRB1*13:14:01G	
DRB1*04:09+DRB1*13:11:02	DRB1*04:67+DRB1*13:14:02		
DRB1*04:09+DRB1*13:20	DRB1*04:67+DRB1*13:29		
DRB1*04:09+DRB1*13:23	DRB1*04:35+DRB1*13:38		
DRB1*04:09+DRB1*13:25	DRB1*04:43+DRB1*13:88		
DRB1*04:09+DRB1*13:27	DRB1*04:67+DRB1*13:41		
DRB1*04:09+DRB1*13:32	DRB1*04:67+DRB1*13:65		
DRB1*04:09+DRB1*13:42	DRB1*04:67+DRB1*13:05:01G		
DRB1*04:09+DRB1*13:48	DRB1*04:67+DRB1*13:38		
DRB1*04:09+DRB1*13:49	DRB1*04:80+DRB1*13:88		
DRB1*04:09+DRB1*13:52	DRB1*04:67+DRB1*13:97		
DRB1*04:09+DRB1*13:61	DRB1*04:72:02+DRB1*13:93		
DRB1*04:09+DRB1*13:79	DRB1*04:67+DRB1*13:39		
DRB1*04:09+DRB1*13:89	DRB1*04:67+DRB1*13:03:01G		
DRB1*04:09+DRB1*13:94	DRB1*04:67+DRB1*13:33:01		
DRB1*04:09+DRB1*14:01:01G	DRB1*04:67+DRB1*14:07:01G		
DRB1*04:09+DRB1*14:04	DRB1*04:67+DRB1*14:68		
DRB1*04:09+DRB1*14:05:01	DRB1*04:67+DRB1*14:44:01		
DRB1*04:09+DRB1*14:05:03	DRB1*04:67+DRB1*14:44:02		
DRB1*04:09+DRB1*14:06:01G	DRB1*04:10+DRB1*14:19	DRB1*04:13+DRB1*14:13	DRB1*04:67+DRB1*14:02
DRB1*04:09+DRB1*14:02:01G	DRB1*04:13+DRB1*14:85	DRB1*04:67+DRB1*14:03:01	
DRB1*04:09+DRB1*14:15	DRB1*04:67+DRB1*08:09		
DRB1*04:09+DRB1*14:23:01	DRB1*04:67+DRB1*14:14		
DRB1*04:09+DRB1*14:25	DRB1*04:62+DRB1*13:49		
DRB1*04:09+DRB1*14:33	DRB1*04:17:01G+DRB1*14:21		
DRB1*04:09+DRB1*14:47	DRB1*04:72:02+DRB1*14:13		
DRB1*04:09+DRB1*14:51	DRB1*04:17:01G+DRB1*14:19		
DRB1*04:09+DRB1*14:53	DRB1*04:62+DRB1*13:21:01G		
DRB1*04:09+DRB1*14:78	DRB1*04:67+DRB1*14:63		
DRB1*04:09+DRB1*14:80	DRB1*04:67+DRB1*14:09		
DRB1*04:09+DRB1*14:98	DRB1*04:72:02+DRB1*14:85		
DRB1*04:09+DRB1*15:01:01G	DRB1*04:67+DRB1*15:02:01		
DRB1*04:09+DRB1*15:01:03	DRB1*04:67+DRB1*15:02:06		
DRB1*04:09+DRB1*15:01:09	DRB1*04:67+DRB1*15:02:04		
DRB1*04:09+DRB1*15:01:10	DRB1*04:67+DRB1*15:02:08		
DRB1*04:09+DRB1*15:04	DRB1*04:67+DRB1*15:15		
DRB1*04:09+DRB1*15:05	DRB1*04:67+DRB1*15:31		
DRB1*04:09+DRB1*15:07	DRB1*04:67+DRB1*15:11		
DRB1*04:09+DRB1*16:15	DRB1*04:67+DRB1*16:01:01		
DRB1*04:10+DRB1*04:51	DRB1*04:11+DRB1*04:70		
DRB1*04:10+DRB1*04:52	DRB1*04:11+DRB1*04:23		
DRB1*04:10+DRB1*04:59	DRB1*04:11+DRB1*04:42		
DRB1*04:10+DRB1*04:74	DRB1*04:17:01G+DRB1*04:44		
DRB1*04:10+DRB1*04:88	DRB1*04:11+DRB1*04:56		
DRB1*04:10+DRB1*08:17	DRB1*04:28+DRB1*08:06		
DRB1*04:10+DRB1*08:28	DRB1*04:42+DRB1*08:06		
DRB1*04:10+DRB1*08:29	DRB1*04:11+DRB1*08:18		
DRB1*04:10+DRB1*08:37	DRB1*04:28+DRB1*08:10		
DRB1*04:10+DRB1*08:40	DRB1*04:67+DRB1*08:18		
DRB1*04:10+DRB1*11:02:01	DRB1*04:67+DRB1*11:98		
DRB1*04:10+DRB1*11:09	DRB1*04:77+DRB1*11:46		
DRB1*04:10+DRB1*11:29	DRB1*04:84+DRB1*11:04:01G		
DRB1*04:10+DRB1*11:45	DRB1*04:12+DRB1*11:26	DRB1*04:86+DRB1*11:34	
DRB1*04:10+DRB1*11:54:01	DRB1*04:11+DRB1*11:04:03		
DRB1*04:10+DRB1*11:54:02	DRB1*04:11+DRB1*11:04:01G		
DRB1*04:10+DRB1*11:66	DRB1*04:29+DRB1*11:04:01G		
DRB1*04:10+DRB1*11:87	DRB1*04:28+DRB1*11:83		
DRB1*04:10+DRB1*13:10	DRB1*04:67+DRB1*13:06		
DRB1*04:10+DRB1*13:50:01	DRB1*04:77+DRB1*13:11:01		

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DRB1*04:10+DRB1*13:61	DRB1*04:44+DRB1*13:93		
DRB1*04:10+DRB1*13:63	DRB1*04:80+DRB1*13:20		
DRB1*04:10+DRB1*13:66:01G	DRB1*04:28+DRB1*13:89	DRB1*04:67+DRB1*13:30	
DRB1*04:10+DRB1*13:81	DRB1*04:67+DRB1*13:58		
DRB1*04:10+DRB1*14:01:01G	DRB1*04:11+DRB1*14:32:02		
DRB1*04:10+DRB1*14:01:02	DRB1*04:11+DRB1*14:32:01		
DRB1*04:10+DRB1*14:04	DRB1*04:11+DRB1*14:31		
DRB1*04:10+DRB1*14:05:01	DRB1*04:11+DRB1*14:100		
DRB1*04:10+DRB1*14:08	DRB1*04:11+DRB1*14:34		
DRB1*04:10+DRB1*14:21	DRB1*04:67+DRB1*14:17		
DRB1*04:10+DRB1*14:22	DRB1*04:80+DRB1*14:74		
DRB1*04:10+DRB1*14:27	DRB1*04:25+DRB1*14:13	DRB1*04:80+DRB1*14:02:01G	
DRB1*04:10+DRB1*14:33	DRB1*04:11+DRB1*14:17		
DRB1*04:10+DRB1*14:47	DRB1*04:44+DRB1*14:13		
DRB1*04:10+DRB1*14:89	DRB1*04:55+DRB1*14:13		
DRB1*04:10+DRB1*14:98	DRB1*04:44+DRB1*14:85		
DRB1*04:10+DRB1*16:09	DRB1*04:28+DRB1*16:15		
DRB1*04:11+DRB1*04:31	DRB1*04:17:01G+DRB1*04:55		
DRB1*04:11+DRB1*04:54	DRB1*04:17:01G+DRB1*04:25		
DRB1*04:11+DRB1*04:72:02	DRB1*04:67+DRB1*04:74		
DRB1*04:11+DRB1*04:86	DRB1*04:12+DRB1*04:17:01G		
DRB1*04:11+DRB1*08:01:01G	DRB1*04:17:01G+DRB1*08:06		
DRB1*04:11+DRB1*08:03:02	DRB1*04:17:01G+DRB1*08:10		
DRB1*04:11+DRB1*08:09	DRB1*04:17:01G+DRB1*14:15		
DRB1*04:11+DRB1*08:28	DRB1*04:59+DRB1*08:06		
DRB1*04:11+DRB1*08:40	DRB1*04:67+DRB1*08:29		
DRB1*04:11+DRB1*08:41	DRB1*04:17:01G+DRB1*08:31		
DRB1*04:11+DRB1*09:01:02	DRB1*04:17:01G+DRB1*09:06		
DRB1*04:11+DRB1*10:01:01	DRB1*04:17:01G+DRB1*10:02		
DRB1*04:11+DRB1*11:01:04	DRB1*04:17:01G+DRB1*11:04:05		
DRB1*04:11+DRB1*11:01:12	DRB1*04:17:01G+DRB1*11:04:04		
DRB1*04:11+DRB1*11:08:01G	DRB1*04:17:01G+DRB1*11:42		
DRB1*04:11+DRB1*11:11:01G	DRB1*04:17:01G+DRB1*11:03		
DRB1*04:11+DRB1*11:14:01G	DRB1*04:17:01G+DRB1*11:02:01		
DRB1*04:11+DRB1*11:19:01	DRB1*04:17:01G+DRB1*11:18		
DRB1*04:11+DRB1*11:20	DRB1*04:17:01G+DRB1*11:16		
DRB1*04:11+DRB1*11:23	DRB1*04:17:01G+DRB1*11:25		
DRB1*04:11+DRB1*11:26	DRB1*04:17:01G+DRB1*11:34		
DRB1*04:11+DRB1*11:27:01	DRB1*04:17:01G+DRB1*11:84		
DRB1*04:11+DRB1*11:28:01	DRB1*04:17:01G+DRB1*11:58:02	DRB1*04:77+DRB1*11:54:02	
DRB1*04:11+DRB1*11:28:02	DRB1*04:17:01G+DRB1*11:58:01		
DRB1*04:11+DRB1*11:29	DRB1*04:84+DRB1*11:54:02	DRB1*04:91+DRB1*11:01:01G	
DRB1*04:11+DRB1*11:33	DRB1*04:17:01G+DRB1*11:35		
DRB1*04:11+DRB1*11:37	DRB1*04:17:01G+DRB1*11:56		
DRB1*04:11+DRB1*11:39	DRB1*04:17:01G+DRB1*11:43		
DRB1*04:11+DRB1*11:47	DRB1*04:91+DRB1*11:06:01		
DRB1*04:11+DRB1*11:49	DRB1*04:17:01G+DRB1*11:44		
DRB1*04:11+DRB1*11:63	DRB1*04:91+DRB1*11:03		
DRB1*04:11+DRB1*11:66	DRB1*04:29+DRB1*11:54:02		
DRB1*04:11+DRB1*11:68	DRB1*04:17:01G+DRB1*11:36		
DRB1*04:11+DRB1*11:72	DRB1*04:17:01G+DRB1*11:92		
DRB1*04:11+DRB1*13:02:03	DRB1*04:17:01G+DRB1*13:01:05		
DRB1*04:11+DRB1*13:03:01G	DRB1*04:17:01G+DRB1*13:89		
DRB1*04:11+DRB1*13:05:01G	DRB1*04:17:01G+DRB1*13:42		
DRB1*04:11+DRB1*13:29	DRB1*04:17:01G+DRB1*13:20		
DRB1*04:11+DRB1*13:33:01	DRB1*04:17:01G+DRB1*13:94		
DRB1*04:11+DRB1*13:38	DRB1*04:17:01G+DRB1*13:48		
DRB1*04:11+DRB1*13:39	DRB1*04:17:01G+DRB1*13:79		
DRB1*04:11+DRB1*13:41	DRB1*04:17:01G+DRB1*13:27		
DRB1*04:11+DRB1*13:50:01	DRB1*04:41+DRB1*13:21:01G		
DRB1*04:11+DRB1*13:65	DRB1*04:17:01G+DRB1*13:32		
DRB1*04:11+DRB1*13:97	DRB1*04:17:01G+DRB1*13:52		
DRB1*04:11+DRB1*14:07:01G	DRB1*04:17:01G+DRB1*14:01:01G		
DRB1*04:11+DRB1*14:09	DRB1*04:17:01G+DRB1*14:80		
DRB1*04:11+DRB1*14:14	DRB1*04:17:01G+DRB1*14:23:01		
DRB1*04:11+DRB1*14:19	DRB1*04:67+DRB1*14:51		
DRB1*04:11+DRB1*14:21	DRB1*04:67+DRB1*14:33		
DRB1*04:11+DRB1*14:44:01	DRB1*04:17:01G+DRB1*14:05:01		
DRB1*04:11+DRB1*14:44:02	DRB1*04:17:01G+DRB1*14:05:03		
DRB1*04:11+DRB1*14:63	DRB1*04:17:01G+DRB1*14:78		
DRB1*04:11+DRB1*14:68	DRB1*04:17:01G+DRB1*14:04		
DRB1*04:11+DRB1*15:02:01	DRB1*04:17:01G+DRB1*15:01:01G		
DRB1*04:11+DRB1*15:02:04	DRB1*04:17:01G+DRB1*15:01:09		
DRB1*04:11+DRB1*15:02:06	DRB1*04:17:01G+DRB1*15:01:03		
DRB1*04:11+DRB1*15:02:08	DRB1*04:17:01G+DRB1*15:01:10		
DRB1*04:11+DRB1*15:11	DRB1*04:17:01G+DRB1*15:07		
DRB1*04:11+DRB1*15:15	DRB1*04:17:01G+DRB1*15:04		
DRB1*04:11+DRB1*15:31	DRB1*04:17:01G+DRB1*15:05		
DRB1*04:11+DRB1*16:01:01	DRB1*04:17:01G+DRB1*16:15		
DRB1*04:12+DRB1*04:13	DRB1*04:18+DRB1*04:67		
DRB1*04:12+DRB1*04:19	DRB1*04:18+DRB1*04:84	DRB1*04:68+DRB1*04:86	
DRB1*04:12+DRB1*04:31	DRB1*04:55+DRB1*04:86		
DRB1*04:12+DRB1*04:43	DRB1*04:18+DRB1*04:28	DRB1*04:42+DRB1*04:86	
DRB1*04:12+DRB1*04:54	DRB1*04:25+DRB1*04:86		
DRB1*04:12+DRB1*08:01:01G	DRB1*04:86+DRB1*08:06		
DRB1*04:12+DRB1*08:02:01G	DRB1*04:18+DRB1*08:01:01G DRB1*04:86+DRB1*08:04:01G	DRB1*04:25+DRB1*08:03:02	DRB1*04:54+DRB1*08:10
DRB1*04:12+DRB1*08:03:02	DRB1*04:86+DRB1*08:10		
DRB1*04:12+DRB1*08:04:01G	DRB1*04:18+DRB1*08:06	DRB1*04:25+DRB1*08:10	
DRB1*04:12+DRB1*08:09	DRB1*04:25+DRB1*08:35	DRB1*04:86+DRB1*14:15	
DRB1*04:12+DRB1*08:13	DRB1*04:58+DRB1*08:03:02		
DRB1*04:12+DRB1*08:24	DRB1*04:18+DRB1*08:05	DRB1*04:25+DRB1*08:18	DRB1*04:36+DRB1*08:03:02
DRB1*04:12+DRB1*08:25	DRB1*04:82+DRB1*08:10		
DRB1*04:12+DRB1*08:30:01	DRB1*04:18+DRB1*08:03:02		
DRB1*04:12+DRB1*08:31	DRB1*04:15+DRB1*08:10		
DRB1*04:12+DRB1*08:41	DRB1*04:15+DRB1*08:03:02	DRB1*04:86+DRB1*08:31	
DRB1*04:12+DRB1*09:01:02	DRB1*04:86+DRB1*09:06		
DRB1*04:12+DRB1*10:01:01	DRB1*04:86+DRB1*10:02		
DRB1*04:12+DRB1*11:01:01G	DRB1*04:86+DRB1*11:04:01G		
DRB1*04:12+DRB1*11:01:04	DRB1*04:86+DRB1*11:04:05		
DRB1*04:12+DRB1*11:01:05	DRB1*04:86+DRB1*11:04:03		
DRB1*04:12+DRB1*11:01:12	DRB1*04:86+DRB1*11:04:04		
DRB1*04:12+DRB1*11:08:01G	DRB1*04:86+DRB1*11:42		
DRB1*04:12+DRB1*11:11:01G	DRB1*04:86+DRB1*11:03		
DRB1*04:12+DRB1*11:14:01G	DRB1*04:86+DRB1*11:02:01		

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DRB1*04:12+DRB1*11:19:01	DRB1*04:86+DRB1*11:18		
DRB1*04:12+DRB1*11:20	DRB1*04:86+DRB1*11:16		
DRB1*04:12+DRB1*11:23	DRB1*04:86+DRB1*11:25		
DRB1*04:12+DRB1*11:27:01	DRB1*04:86+DRB1*11:84		
DRB1*04:12+DRB1*11:28:01	DRB1*04:86+DRB1*11:58:02		
DRB1*04:12+DRB1*11:28:02	DRB1*04:86+DRB1*11:58:01		
DRB1*04:12+DRB1*11:33	DRB1*04:86+DRB1*11:35		
DRB1*04:12+DRB1*11:37	DRB1*04:15+DRB1*13:13	DRB1*04:86+DRB1*11:56	
DRB1*04:12+DRB1*11:39	DRB1*04:86+DRB1*11:43		
DRB1*04:12+DRB1*11:49	DRB1*04:86+DRB1*11:44		
DRB1*04:12+DRB1*11:68	DRB1*04:86+DRB1*11:36		
DRB1*04:12+DRB1*11:72	DRB1*04:86+DRB1*11:92		
DRB1*04:12+DRB1*11:79	DRB1*04:67+DRB1*11:45		
DRB1*04:12+DRB1*13:01:01G	DRB1*04:18+DRB1*13:93		
DRB1*04:12+DRB1*13:02:01	DRB1*04:86+DRB1*13:01:01G		
DRB1*04:12+DRB1*13:02:03	DRB1*04:86+DRB1*13:01:05		
DRB1*04:12+DRB1*13:03:01G	DRB1*04:86+DRB1*13:89		
DRB1*04:12+DRB1*13:05:01G	DRB1*04:86+DRB1*13:42		
DRB1*04:12+DRB1*13:07:01	DRB1*04:18+DRB1*13:49	DRB1*04:25+DRB1*13:12	DRB1*04:36+DRB1*13:13
DRB1*04:12+DRB1*13:14:01G	DRB1*04:18+DRB1*13:21:01G	DRB1*04:25+DRB1*13:30	DRB1*04:86+DRB1*13:11:01
DRB1*04:12+DRB1*13:14:02	DRB1*04:86+DRB1*13:11:02		
DRB1*04:12+DRB1*13:20	DRB1*04:58+DRB1*13:93		
DRB1*04:12+DRB1*13:22	DRB1*04:18+DRB1*13:04		
DRB1*04:12+DRB1*13:23	DRB1*04:86+DRB1*13:22		
DRB1*04:12+DRB1*13:24	DRB1*04:18+DRB1*13:75	DRB1*04:25+DRB1*13:04	
DRB1*04:12+DRB1*13:25	DRB1*04:58+DRB1*13:30		
DRB1*04:12+DRB1*13:29	DRB1*04:86+DRB1*13:20		
DRB1*04:12+DRB1*13:33:01	DRB1*04:86+DRB1*13:94		
DRB1*04:12+DRB1*13:36	DRB1*04:18+DRB1*13:65	DRB1*04:86+DRB1*13:40	
DRB1*04:12+DRB1*13:37	DRB1*04:18+DRB1*13:03:01G		
DRB1*04:12+DRB1*13:38	DRB1*04:86+DRB1*13:48		
DRB1*04:12+DRB1*13:39	DRB1*04:86+DRB1*13:79		
DRB1*04:12+DRB1*13:40	DRB1*04:18+DRB1*13:32		
DRB1*04:12+DRB1*13:41	DRB1*04:86+DRB1*13:27		
DRB1*04:12+DRB1*13:47	DRB1*04:18+DRB1*13:55	DRB1*04:25+DRB1*13:13	DRB1*04:86+DRB1*08:20
DRB1*04:12+DRB1*13:63	DRB1*04:54+DRB1*13:93		
DRB1*04:12+DRB1*13:65	DRB1*04:86+DRB1*13:32		
DRB1*04:12+DRB1*13:70	DRB1*04:18+DRB1*13:48		
DRB1*04:12+DRB1*13:82	DRB1*04:18+DRB1*13:30		
DRB1*04:12+DRB1*13:97	DRB1*04:86+DRB1*13:52		
DRB1*04:12+DRB1*14:03:01	DRB1*04:18+DRB1*14:85	DRB1*04:58+DRB1*14:63	DRB1*04:86+DRB1*14:02:01G
DRB1*04:12+DRB1*14:07:01G	DRB1*04:86+DRB1*14:01:01G		
DRB1*04:12+DRB1*14:09	DRB1*04:86+DRB1*14:80		
DRB1*04:12+DRB1*14:02:01G	DRB1*04:58+DRB1*14:78		
DRB1*04:12+DRB1*14:14	DRB1*04:86+DRB1*14:23:01		
DRB1*04:12+DRB1*14:27	DRB1*04:25+DRB1*14:63	DRB1*04:54+DRB1*14:78	
DRB1*04:12+DRB1*14:30	DRB1*04:86+DRB1*14:17		
DRB1*04:12+DRB1*14:44:01	DRB1*04:86+DRB1*14:05:01		
DRB1*04:12+DRB1*14:44:02	DRB1*04:86+DRB1*14:05:03		
DRB1*04:12+DRB1*14:47	DRB1*04:44+DRB1*14:63		
DRB1*04:12+DRB1*14:63	DRB1*04:86+DRB1*14:78		
DRB1*04:12+DRB1*14:67	DRB1*04:18+DRB1*14:63		
DRB1*04:12+DRB1*14:68	DRB1*04:86+DRB1*14:04		
DRB1*04:12+DRB1*14:89	DRB1*04:31+DRB1*14:78	DRB1*04:55+DRB1*14:63	
DRB1*04:12+DRB1*15:01:04	DRB1*04:18+DRB1*15:12		
DRB1*04:12+DRB1*15:02:01	DRB1*04:86+DRB1*15:01:01G		
DRB1*04:12+DRB1*15:02:02G	DRB1*04:86+DRB1*15:01:04		
DRB1*04:12+DRB1*15:02:04	DRB1*04:86+DRB1*15:01:09		
DRB1*04:12+DRB1*15:02:06	DRB1*04:86+DRB1*15:01:03		
DRB1*04:12+DRB1*15:02:08	DRB1*04:86+DRB1*15:01:10		
DRB1*04:12+DRB1*15:11	DRB1*04:86+DRB1*15:07		
DRB1*04:12+DRB1*15:15	DRB1*04:86+DRB1*15:04		
DRB1*04:12+DRB1*15:31	DRB1*04:86+DRB1*15:05		
DRB1*04:12+DRB1*16:01:01	DRB1*04:86+DRB1*16:15		
DRB1*04:13+DRB1*08:05	DRB1*04:67+DRB1*08:24		
DRB1*04:13+DRB1*08:06	DRB1*04:67+DRB1*08:04:01G		
DRB1*04:13+DRB1*08:08	DRB1*04:62+DRB1*08:04:01G		
DRB1*04:13+DRB1*08:37	DRB1*04:35+DRB1*08:10		
DRB1*04:13+DRB1*11:27:02	DRB1*04:72:01+DRB1*11:04:01G		
DRB1*04:13+DRB1*11:29	DRB1*04:21+DRB1*11:04:01G	DRB1*04:68+DRB1*11:93	
DRB1*04:13+DRB1*11:45	DRB1*04:18+DRB1*11:79	DRB1*04:55+DRB1*11:73	
DRB1*04:13+DRB1*11:51	DRB1*04:32+DRB1*11:93		
DRB1*04:13+DRB1*11:64	DRB1*04:58+DRB1*11:79		
DRB1*04:13+DRB1*11:87	DRB1*04:35+DRB1*11:83		
DRB1*04:13+DRB1*12:22	DRB1*04:72:02+DRB1*12:03:02		
DRB1*04:13+DRB1*13:04	DRB1*04:67+DRB1*13:22		
DRB1*04:13+DRB1*13:13	DRB1*04:31+DRB1*13:89	DRB1*04:55+DRB1*13:03:01G	
DRB1*04:13+DRB1*13:18	DRB1*04:25+DRB1*14:21		
DRB1*04:13+DRB1*13:20	DRB1*04:37+DRB1*14:21		
DRB1*04:13+DRB1*13:32	DRB1*04:67+DRB1*13:40		
DRB1*04:13+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:89		
DRB1*04:13+DRB1*13:42	DRB1*04:36+DRB1*14:21		
DRB1*04:13+DRB1*13:45	DRB1*04:62+DRB1*13:22		
DRB1*04:13+DRB1*13:48	DRB1*04:67+DRB1*13:70		
DRB1*04:13+DRB1*13:49	DRB1*04:67+DRB1*13:07:01		
DRB1*04:13+DRB1*13:66:01G	DRB1*04:35+DRB1*13:89		
DRB1*04:13+DRB1*13:75	DRB1*04:67+DRB1*13:24		
DRB1*04:13+DRB1*13:82	DRB1*04:42+DRB1*13:37		
DRB1*04:13+DRB1*13:93	DRB1*04:67+DRB1*13:01:01G		
DRB1*04:13+DRB1*13:96	DRB1*04:72:01+DRB1*13:01:01G		
DRB1*04:13+DRB1*14:27	DRB1*04:25+DRB1*14:19		
DRB1*04:13+DRB1*14:47	DRB1*04:44+DRB1*14:19	DRB1*04:72:02+DRB1*14:06:01G	
DRB1*04:13+DRB1*14:49	DRB1*04:62+DRB1*14:20		
DRB1*04:13+DRB1*14:53	DRB1*04:62+DRB1*13:11:01		
DRB1*04:13+DRB1*14:67	DRB1*04:18+DRB1*14:19	DRB1*04:38+DRB1*14:02:01G	DRB1*04:55+DRB1*13:85
DRB1*04:13+DRB1*14:89	DRB1*04:55+DRB1*14:19		
DRB1*04:13+DRB1*14:98	DRB1*04:72:02+DRB1*14:02:01G		
DRB1*04:13+DRB1*15:12	DRB1*04:67+DRB1*15:01:04		
DRB1*04:13+DRB1*15:39	DRB1*04:26+DRB1*15:01:01G		
DRB1*04:13+DRB1*16:09	DRB1*04:35+DRB1*16:15		
DRB1*04:14+DRB1*08:28	DRB1*04:54+DRB1*13:17		
DRB1*04:14+DRB1*11:01:03G	DRB1*04:47+DRB1*11:14:01G		
DRB1*04:14+DRB1*11:07	DRB1*04:22+DRB1*11:14:01G		
DRB1*04:14+DRB1*11:23	DRB1*04:54+DRB1*11:14:01G		
DRB1*04:14+DRB1*11:46	DRB1*04:15+DRB1*13:97		

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DRB1*04:14+DRB1*13:18	DRB1*04:18+DRB1*13:63	DRB1*04:25+DRB1*13:02:01	DRB1*04:54+DRB1*13:01:01G
DRB1*04:14+DRB1*13:55	DRB1*04:54+DRB1*13:38		
DRB1*04:14+DRB1*13:71	DRB1*04:37+DRB1*13:41		
DRB1*04:14+DRB1*13:77	DRB1*04:82+DRB1*13:01:01G		
DRB1*04:14+DRB1*13:78	DRB1*04:37+DRB1*13:39		
DRB1*04:14+DRB1*14:01:02	DRB1*04:69+DRB1*13:08		
DRB1*04:15+DRB1*04:31	DRB1*04:25+DRB1*04:61		
DRB1*04:15+DRB1*08:02:01G	DRB1*04:25+DRB1*08:41	DRB1*04:54+DRB1*08:31	
DRB1*04:15+DRB1*08:04:01G	DRB1*04:25+DRB1*08:31		
DRB1*04:15+DRB1*08:13	DRB1*04:58+DRB1*08:41		
DRB1*04:15+DRB1*08:20	DRB1*04:25+DRB1*11:56		
DRB1*04:15+DRB1*08:24	DRB1*04:36+DRB1*08:41		
DRB1*04:15+DRB1*08:25	DRB1*04:82+DRB1*08:31		
DRB1*04:15+DRB1*08:28	DRB1*04:36+DRB1*11:67		
DRB1*04:15+DRB1*08:30:01	DRB1*04:18+DRB1*08:41		
DRB1*04:15+DRB1*11:26	DRB1*04:61+DRB1*11:04:01G		
DRB1*04:15+DRB1*12:09	DRB1*04:36+DRB1*12:04		
DRB1*04:15+DRB1*13:01:01G	DRB1*04:36+DRB1*11:16		
DRB1*04:15+DRB1*13:02:02	DRB1*04:47+DRB1*11:16		
DRB1*04:15+DRB1*13:05:01G	DRB1*04:36+DRB1*11:09		
DRB1*04:15+DRB1*13:07:01	DRB1*04:36+DRB1*11:37		
DRB1*04:15+DRB1*13:11:01	DRB1*04:36+DRB1*11:04:01G		
DRB1*04:15+DRB1*13:14:01G	DRB1*04:36+DRB1*11:01:01G		
DRB1*04:15+DRB1*13:24	DRB1*04:36+DRB1*11:03		
DRB1*04:15+DRB1*13:25	DRB1*04:36+DRB1*11:08:01G		
DRB1*04:15+DRB1*13:29	DRB1*04:37+DRB1*11:09		
DRB1*04:15+DRB1*13:47	DRB1*04:25+DRB1*11:37	DRB1*04:54+DRB1*11:56	
DRB1*04:15+DRB1*13:50:01	DRB1*04:36+DRB1*11:28:01		
DRB1*04:15+DRB1*13:50:02	DRB1*04:36+DRB1*11:28:02		
DRB1*04:15+DRB1*13:62	DRB1*04:36+DRB1*11:15		
DRB1*04:15+DRB1*13:82	DRB1*04:36+DRB1*11:19:01		
DRB1*04:15+DRB1*14:23:01	DRB1*04:36+DRB1*11:17		
DRB1*04:15+DRB1*14:33	DRB1*04:41+DRB1*11:46		
DRB1*04:17:01G+DRB1*11:13:01G	DRB1*04:28+DRB1*11:17		
DRB1*04:17:01G+DRB1*11:63	DRB1*04:91+DRB1*11:11:01G		
DRB1*04:17:01G+DRB1*13:61	DRB1*04:74+DRB1*13:93		
DRB1*04:17:01G+DRB1*14:29	DRB1*04:27+DRB1*14:13		
DRB1*04:17:01G+DRB1*14:47	DRB1*04:74+DRB1*14:13		
DRB1*04:17:01G+DRB1*14:98	DRB1*04:74+DRB1*14:85		
DRB1*04:18+DRB1*04:47	DRB1*04:53+DRB1*04:54		
DRB1*04:18+DRB1*04:87	DRB1*04:70+DRB1*04:86		
DRB1*04:18+DRB1*08:02:01G	DRB1*04:25+DRB1*08:30:01		
DRB1*04:18+DRB1*08:13	DRB1*04:58+DRB1*08:30:01		
DRB1*04:18+DRB1*08:17	DRB1*04:25+DRB1*08:37	DRB1*04:86+DRB1*08:28	
DRB1*04:18+DRB1*08:22	DRB1*04:25+DRB1*08:12		
DRB1*04:18+DRB1*08:24	DRB1*04:36+DRB1*08:30:01		
DRB1*04:18+DRB1*08:25	DRB1*04:53+DRB1*08:34		
DRB1*04:18+DRB1*11:01:01G	DRB1*04:25+DRB1*11:19:01	DRB1*04:36+DRB1*11:45	DRB1*04:54+DRB1*11:18
DRB1*04:18+DRB1*11:01:03G	DRB1*04:25+DRB1*11:19:02	DRB1*04:53+DRB1*11:23	
DRB1*04:18+DRB1*11:04:01G	DRB1*04:25+DRB1*11:18		
DRB1*04:18+DRB1*11:08:01G	DRB1*04:58+DRB1*11:19:01		
DRB1*04:18+DRB1*11:19:02	DRB1*04:53+DRB1*11:45		
DRB1*04:18+DRB1*11:23	DRB1*04:25+DRB1*11:45		
DRB1*04:18+DRB1*11:34	DRB1*04:55+DRB1*11:18		
DRB1*04:18+DRB1*11:36	DRB1*04:58+DRB1*11:02:01		
DRB1*04:18+DRB1*11:40	DRB1*04:25+DRB1*11:16		
DRB1*04:18+DRB1*11:41	DRB1*04:25+DRB1*11:48		
DRB1*04:18+DRB1*11:42	DRB1*04:58+DRB1*11:18		
DRB1*04:18+DRB1*11:64	DRB1*04:58+DRB1*11:45		
DRB1*04:18+DRB1*11:69	DRB1*04:25+DRB1*11:82		
DRB1*04:18+DRB1*11:93	DRB1*04:25+DRB1*11:73		
DRB1*04:18+DRB1*11:96	DRB1*04:25+DRB1*11:31		
DRB1*04:18+DRB1*12:02:01	DRB1*04:25+DRB1*12:01:01G		
DRB1*04:18+DRB1*12:02:02	DRB1*04:25+DRB1*12:01:03		
DRB1*04:18+DRB1*12:12	DRB1*04:58+DRB1*12:01:01G		
DRB1*04:18+DRB1*12:15	DRB1*04:25+DRB1*12:05		
DRB1*04:18+DRB1*13:05:01G	DRB1*04:54+DRB1*13:06		
DRB1*04:18+DRB1*13:14:01G	DRB1*04:25+DRB1*13:82		
DRB1*04:18+DRB1*13:20	DRB1*04:58+DRB1*13:01:01G		
DRB1*04:18+DRB1*13:24	DRB1*04:25+DRB1*13:22		
DRB1*04:18+DRB1*13:25	DRB1*04:58+DRB1*13:82		
DRB1*04:18+DRB1*13:29	DRB1*04:58+DRB1*13:02:01		
DRB1*04:18+DRB1*13:42	DRB1*04:25+DRB1*13:06		
DRB1*04:18+DRB1*13:71	DRB1*04:58+DRB1*13:27		
DRB1*04:18+DRB1*13:78	DRB1*04:58+DRB1*13:79		
DRB1*04:18+DRB1*13:88	DRB1*04:58+DRB1*13:03:01G		
DRB1*04:18+DRB1*14:03:01	DRB1*04:58+DRB1*14:67		
DRB1*04:18+DRB1*14:05:01	DRB1*04:58+DRB1*14:45		
DRB1*04:18+DRB1*14:06:01G	DRB1*04:56+DRB1*14:02:01G		
DRB1*04:18+DRB1*14:17	DRB1*04:55+DRB1*13:06		
DRB1*04:18+DRB1*14:21	DRB1*04:55+DRB1*13:10		
DRB1*04:18+DRB1*14:27	DRB1*04:25+DRB1*14:67		
DRB1*04:18+DRB1*14:30	DRB1*04:31+DRB1*13:06		
DRB1*04:18+DRB1*14:41	DRB1*04:56+DRB1*14:77		
DRB1*04:18+DRB1*14:47	DRB1*04:44+DRB1*14:67	DRB1*04:56+DRB1*14:98	
DRB1*04:18+DRB1*14:89	DRB1*04:55+DRB1*14:67		
DRB1*04:18+DRB1*15:04	DRB1*04:25+DRB1*15:01:01G		
DRB1*04:18+DRB1*15:05	DRB1*04:58+DRB1*15:01:01G		
DRB1*04:18+DRB1*15:15	DRB1*04:25+DRB1*15:02:01	DRB1*04:54+DRB1*15:01:01G	
DRB1*04:18+DRB1*15:23	DRB1*04:58+DRB1*15:03:01G		
DRB1*04:18+DRB1*15:25	DRB1*04:22+DRB1*15:21		
DRB1*04:18+DRB1*15:31	DRB1*04:58+DRB1*15:02:01		
DRB1*04:18+DRB1*16:01:01	DRB1*04:25+DRB1*16:05:01	DRB1*04:53+DRB1*16:04	
DRB1*04:18+DRB1*16:02:01	DRB1*04:58+DRB1*16:05:01		
DRB1*04:18+DRB1*16:09	DRB1*04:47+DRB1*15:21		
DRB1*04:19+DRB1*04:25	DRB1*04:54+DRB1*04:68		
DRB1*04:19+DRB1*04:28	DRB1*04:43+DRB1*04:84		
DRB1*04:19+DRB1*04:35	DRB1*04:21+DRB1*04:43		
DRB1*04:19+DRB1*04:42	DRB1*04:43+DRB1*04:68		
DRB1*04:19+DRB1*04:51	DRB1*04:20+DRB1*04:70		
DRB1*04:19+DRB1*04:52	DRB1*04:20+DRB1*04:23		
DRB1*04:19+DRB1*04:55	DRB1*04:31+DRB1*04:68		
DRB1*04:19+DRB1*04:88	DRB1*04:20+DRB1*04:56		
DRB1*04:19+DRB1*08:01:01G	DRB1*04:84+DRB1*08:02:01G		
DRB1*04:19+DRB1*08:03:02	DRB1*04:84+DRB1*08:30:01		

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DRB1*04:19+DRB1*08:04:01G	DRB1*04:68+DRB1*08:02:01G		
DRB1*04:19+DRB1*08:05	DRB1*04:84+DRB1*08:24		
DRB1*04:19+DRB1*08:06	DRB1*04:68+DRB1*08:01:01G	DRB1*04:84+DRB1*08:04:01G	
DRB1*04:19+DRB1*08:10	DRB1*04:68+DRB1*08:03:02		
DRB1*04:19+DRB1*08:20	DRB1*04:68+DRB1*13:47		
DRB1*04:19+DRB1*08:29	DRB1*04:20+DRB1*08:18		
DRB1*04:19+DRB1*08:31	DRB1*04:68+DRB1*08:41		
DRB1*04:19+DRB1*08:40	DRB1*04:21+DRB1*08:18		
DRB1*04:19+DRB1*09:06	DRB1*04:68+DRB1*09:01:02		
DRB1*04:19+DRB1*10:02	DRB1*04:68+DRB1*10:01:01		
DRB1*04:19+DRB1*11:02:01	DRB1*04:21+DRB1*11:98	DRB1*04:68+DRB1*11:14:01G	
DRB1*04:19+DRB1*11:04:03	DRB1*04:68+DRB1*11:01:05		
DRB1*04:19+DRB1*11:04:04	DRB1*04:68+DRB1*11:01:12		
DRB1*04:19+DRB1*11:04:05	DRB1*04:68+DRB1*11:01:04		
DRB1*04:19+DRB1*11:16	DRB1*04:68+DRB1*11:20		
DRB1*04:19+DRB1*11:18	DRB1*04:68+DRB1*11:19:01		
DRB1*04:19+DRB1*11:23	DRB1*04:31+DRB1*11:29		
DRB1*04:19+DRB1*11:25	DRB1*04:55+DRB1*11:29	DRB1*04:68+DRB1*11:23	
DRB1*04:19+DRB1*11:34	DRB1*04:68+DRB1*11:26		
DRB1*04:19+DRB1*11:35	DRB1*04:68+DRB1*11:33		
DRB1*04:19+DRB1*11:36	DRB1*04:68+DRB1*11:68		
DRB1*04:19+DRB1*11:42	DRB1*04:68+DRB1*11:08:01G		
DRB1*04:19+DRB1*11:43	DRB1*04:68+DRB1*11:39		
DRB1*04:19+DRB1*11:44	DRB1*04:68+DRB1*11:49		
DRB1*04:19+DRB1*11:55	DRB1*04:31+DRB1*11:63		
DRB1*04:19+DRB1*11:56	DRB1*04:68+DRB1*11:37		
DRB1*04:19+DRB1*11:58:01	DRB1*04:68+DRB1*11:28:02		
DRB1*04:19+DRB1*11:58:02	DRB1*04:68+DRB1*11:28:01		
DRB1*04:19+DRB1*11:73	DRB1*04:21+DRB1*11:19:01		
DRB1*04:19+DRB1*11:79	DRB1*04:21+DRB1*11:26		
DRB1*04:19+DRB1*11:84	DRB1*04:44+DRB1*11:29	DRB1*04:68+DRB1*11:27:01	
DRB1*04:19+DRB1*11:92	DRB1*04:68+DRB1*11:72		
DRB1*04:19+DRB1*13:01:01G	DRB1*04:68+DRB1*13:02:01		
DRB1*04:19+DRB1*13:01:05	DRB1*04:68+DRB1*13:02:03		
DRB1*04:19+DRB1*13:03:01G	DRB1*04:21+DRB1*13:12	DRB1*04:84+DRB1*13:37	
DRB1*04:19+DRB1*13:04	DRB1*04:84+DRB1*13:22		
DRB1*04:19+DRB1*13:10	DRB1*04:21+DRB1*13:06		
DRB1*04:19+DRB1*13:11:01	DRB1*04:68+DRB1*13:14:01G		
DRB1*04:19+DRB1*13:11:02	DRB1*04:68+DRB1*13:14:02		
DRB1*04:19+DRB1*13:20	DRB1*04:68+DRB1*13:29		
DRB1*04:19+DRB1*13:21:01G	DRB1*04:84+DRB1*13:14:01G		
DRB1*04:19+DRB1*13:22	DRB1*04:68+DRB1*13:23		
DRB1*04:19+DRB1*13:27	DRB1*04:68+DRB1*13:41		
DRB1*04:19+DRB1*13:30	DRB1*04:84+DRB1*13:82		
DRB1*04:19+DRB1*13:32	DRB1*04:68+DRB1*13:65	DRB1*04:77+DRB1*13:84	DRB1*04:84+DRB1*13:40
DRB1*04:19+DRB1*13:40	DRB1*04:68+DRB1*13:36		
DRB1*04:19+DRB1*13:42	DRB1*04:68+DRB1*13:05:01G		
DRB1*04:19+DRB1*13:48	DRB1*04:68+DRB1*13:38	DRB1*04:84+DRB1*13:70	
DRB1*04:19+DRB1*13:49	DRB1*04:84+DRB1*13:07:01		
DRB1*04:19+DRB1*13:52	DRB1*04:43+DRB1*13:84	DRB1*04:68+DRB1*13:97	
DRB1*04:19+DRB1*13:55	DRB1*04:84+DRB1*13:47		
DRB1*04:19+DRB1*13:65	DRB1*04:84+DRB1*13:36		
DRB1*04:19+DRB1*13:66:01G	DRB1*04:21+DRB1*13:30		
DRB1*04:19+DRB1*13:75	DRB1*04:84+DRB1*13:24		
DRB1*04:19+DRB1*13:79	DRB1*04:68+DRB1*13:39		
DRB1*04:19+DRB1*13:81	DRB1*04:21+DRB1*13:58		
DRB1*04:19+DRB1*13:89	DRB1*04:68+DRB1*13:03:01G		
DRB1*04:19+DRB1*13:93	DRB1*04:84+DRB1*13:01:01G		
DRB1*04:19+DRB1*13:94	DRB1*04:68+DRB1*13:33:01		
DRB1*04:19+DRB1*14:01:01G	DRB1*04:20+DRB1*14:32:02	DRB1*04:68+DRB1*14:07:01G	
DRB1*04:19+DRB1*14:01:02	DRB1*04:20+DRB1*14:32:01		
DRB1*04:19+DRB1*14:04	DRB1*04:20+DRB1*14:31	DRB1*04:68+DRB1*14:68	
DRB1*04:19+DRB1*14:05:01	DRB1*04:20+DRB1*14:100	DRB1*04:68+DRB1*14:44:01	
DRB1*04:19+DRB1*14:05:03	DRB1*04:68+DRB1*14:44:02		
DRB1*04:19+DRB1*14:06:01G	DRB1*04:68+DRB1*14:02		
DRB1*04:19+DRB1*14:08	DRB1*04:20+DRB1*14:34		
DRB1*04:19+DRB1*14:02:01G	DRB1*04:68+DRB1*14:03:01		
DRB1*04:19+DRB1*14:13	DRB1*04:77+DRB1*14:94	DRB1*04:84+DRB1*14:02	
DRB1*04:19+DRB1*14:15	DRB1*04:68+DRB1*08:09		
DRB1*04:19+DRB1*14:17	DRB1*04:68+DRB1*14:30		
DRB1*04:19+DRB1*14:19	DRB1*04:21+DRB1*14:02		
DRB1*04:19+DRB1*14:21	DRB1*04:21+DRB1*14:17		
DRB1*04:19+DRB1*14:23:01	DRB1*04:68+DRB1*14:14		
DRB1*04:19+DRB1*14:51	DRB1*04:20+DRB1*14:02		
DRB1*04:19+DRB1*14:63	DRB1*04:84+DRB1*14:67		
DRB1*04:19+DRB1*14:78	DRB1*04:68+DRB1*14:63		
DRB1*04:19+DRB1*14:80	DRB1*04:68+DRB1*14:09		
DRB1*04:19+DRB1*14:85	DRB1*04:84+DRB1*14:03:01		
DRB1*04:19+DRB1*15:01:01G	DRB1*04:68+DRB1*15:02:01		
DRB1*04:19+DRB1*15:01:03	DRB1*04:68+DRB1*15:02:06		
DRB1*04:19+DRB1*15:01:04	DRB1*04:68+DRB1*15:02:02G		
DRB1*04:19+DRB1*15:01:09	DRB1*04:68+DRB1*15:02:04		
DRB1*04:19+DRB1*15:01:10	DRB1*04:68+DRB1*15:02:08		
DRB1*04:19+DRB1*15:04	DRB1*04:68+DRB1*15:15		
DRB1*04:19+DRB1*15:05	DRB1*04:68+DRB1*15:31		
DRB1*04:19+DRB1*15:07	DRB1*04:68+DRB1*15:11		
DRB1*04:19+DRB1*15:12	DRB1*04:84+DRB1*15:01:04		
DRB1*04:19+DRB1*16:15	DRB1*04:68+DRB1*16:01:01		
DRB1*04:20+DRB1*04:44	DRB1*04:68+DRB1*04:74		
DRB1*04:20+DRB1*04:72:02	DRB1*04:21+DRB1*04:74		
DRB1*04:20+DRB1*08:40	DRB1*04:21+DRB1*08:29		
DRB1*04:20+DRB1*11:27:01	DRB1*04:74+DRB1*11:29		
DRB1*04:20+DRB1*13:04	DRB1*04:91+DRB1*13:23		
DRB1*04:20+DRB1*13:93	DRB1*04:91+DRB1*13:02:01		
DRB1*04:20+DRB1*14:13	DRB1*04:84+DRB1*14:51		
DRB1*04:20+DRB1*14:19	DRB1*04:21+DRB1*14:51		
DRB1*04:20+DRB1*14:21	DRB1*04:21+DRB1*14:33		
DRB1*04:20+DRB1*14:81	DRB1*04:78+DRB1*14:02		
DRB1*04:20+DRB1*15:12	DRB1*04:91+DRB1*15:02:02G		
DRB1*04:21+DRB1*04:28	DRB1*04:35+DRB1*04:84		
DRB1*04:21+DRB1*04:42	DRB1*04:35+DRB1*04:68		
DRB1*04:21+DRB1*04:44	DRB1*04:68+DRB1*04:72:02		
DRB1*04:21+DRB1*04:56	DRB1*04:38+DRB1*04:68		
DRB1*04:21+DRB1*11:18	DRB1*04:68+DRB1*11:73		
DRB1*04:21+DRB1*11:27:01	DRB1*04:72:02+DRB1*11:29		

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DRB1*04:21+DRB1*11:27:02	DRB1*04:72:01+DRB1*11:29		
DRB1*04:21+DRB1*11:34	DRB1*04:68+DRB1*11:79		
DRB1*04:21+DRB1*13:52	DRB1*04:35+DRB1*13:84		
DRB1*04:21+DRB1*14:06:01G	DRB1*04:68+DRB1*14:19		
DRB1*04:21+DRB1*14:13	DRB1*04:84+DRB1*14:19		
DRB1*04:22+DRB1*11:01:03G	DRB1*04:47+DRB1*11:07		
DRB1*04:22+DRB1*11:04:01G	DRB1*04:36+DRB1*11:07		
DRB1*04:22+DRB1*11:23	DRB1*04:54+DRB1*11:07		
DRB1*04:22+DRB1*11:25	DRB1*04:25+DRB1*11:07		
DRB1*04:22+DRB1*11:36	DRB1*04:37+DRB1*11:07		
DRB1*04:22+DRB1*16:09	DRB1*04:47+DRB1*15:25		
DRB1*04:23+DRB1*04:51	DRB1*04:52+DRB1*04:70		
DRB1*04:23+DRB1*04:59	DRB1*04:42+DRB1*04:52		
DRB1*04:23+DRB1*04:88	DRB1*04:52+DRB1*04:56		
DRB1*04:23+DRB1*08:29	DRB1*04:52+DRB1*08:18		
DRB1*04:23+DRB1*11:54:01	DRB1*04:52+DRB1*11:04:03		
DRB1*04:23+DRB1*11:54:02	DRB1*04:52+DRB1*11:04:01G		
DRB1*04:23+DRB1*14:01:01G	DRB1*04:52+DRB1*14:32:02		
DRB1*04:23+DRB1*14:01:02	DRB1*04:52+DRB1*14:32:01		
DRB1*04:23+DRB1*14:04	DRB1*04:52+DRB1*14:31		
DRB1*04:23+DRB1*14:05:01	DRB1*04:52+DRB1*14:100		
DRB1*04:23+DRB1*14:08	DRB1*04:52+DRB1*14:34		
DRB1*04:23+DRB1*14:33	DRB1*04:52+DRB1*14:17		
DRB1*04:23+DRB1*14:51	DRB1*04:52+DRB1*14:02		
DRB1*04:24+DRB1*14:35	DRB1*04:69+DRB1*14:65		
DRB1*04:25+DRB1*04:31	DRB1*04:54+DRB1*04:55		
DRB1*04:25+DRB1*04:43	DRB1*04:42+DRB1*04:54		
DRB1*04:25+DRB1*08:01:01G	DRB1*04:54+DRB1*08:06		
DRB1*04:25+DRB1*08:02:01G	DRB1*04:54+DRB1*08:04:01G		
DRB1*04:25+DRB1*08:05	DRB1*04:36+DRB1*08:01:01G		
DRB1*04:25+DRB1*08:09	DRB1*04:54+DRB1*14:15		
DRB1*04:25+DRB1*08:13	DRB1*04:58+DRB1*08:02:01G		
DRB1*04:25+DRB1*08:24	DRB1*04:36+DRB1*08:02:01G		
DRB1*04:25+DRB1*08:25	DRB1*04:82+DRB1*08:04:01G		
DRB1*04:25+DRB1*09:01:02	DRB1*04:54+DRB1*09:06		
DRB1*04:25+DRB1*09:04	DRB1*04:58+DRB1*09:01:02		
DRB1*04:25+DRB1*10:01:01	DRB1*04:54+DRB1*10:02		
DRB1*04:25+DRB1*11:01:01G	DRB1*04:36+DRB1*11:23	DRB1*04:54+DRB1*11:04:01G	
DRB1*04:25+DRB1*11:01:03G	DRB1*04:47+DRB1*11:25		
DRB1*04:25+DRB1*11:01:04	DRB1*04:54+DRB1*11:04:05		
DRB1*04:25+DRB1*11:01:05	DRB1*04:54+DRB1*11:04:03		
DRB1*04:25+DRB1*11:01:12	DRB1*04:54+DRB1*11:04:04		
DRB1*04:25+DRB1*11:03	DRB1*04:36+DRB1*11:55		
DRB1*04:25+DRB1*11:04:01G	DRB1*04:36+DRB1*11:25		
DRB1*04:25+DRB1*11:08:01G	DRB1*04:36+DRB1*11:64	DRB1*04:54+DRB1*11:42	DRB1*04:58+DRB1*11:01:01G
DRB1*04:25+DRB1*11:11:01G	DRB1*04:54+DRB1*11:03		
DRB1*04:25+DRB1*11:20	DRB1*04:54+DRB1*11:16		
DRB1*04:25+DRB1*11:23	DRB1*04:54+DRB1*11:25		
DRB1*04:25+DRB1*11:27:01	DRB1*04:54+DRB1*11:84		
DRB1*04:25+DRB1*11:28:01	DRB1*04:54+DRB1*11:58:02		
DRB1*04:25+DRB1*11:28:02	DRB1*04:54+DRB1*11:58:01		
DRB1*04:25+DRB1*11:33	DRB1*04:54+DRB1*11:35		
DRB1*04:25+DRB1*11:36	DRB1*04:37+DRB1*11:25	DRB1*04:58+DRB1*11:03	
DRB1*04:25+DRB1*11:39	DRB1*04:54+DRB1*11:43		
DRB1*04:25+DRB1*11:42	DRB1*04:58+DRB1*11:04:01G		
DRB1*04:25+DRB1*11:49	DRB1*04:54+DRB1*11:44		
DRB1*04:25+DRB1*11:57	DRB1*04:58+DRB1*11:06:01		
DRB1*04:25+DRB1*11:64	DRB1*04:58+DRB1*11:23		
DRB1*04:25+DRB1*11:68	DRB1*04:37+DRB1*11:23	DRB1*04:54+DRB1*11:36	DRB1*04:58+DRB1*11:11:01G
DRB1*04:25+DRB1*11:72	DRB1*04:54+DRB1*11:92		
DRB1*04:25+DRB1*12:12	DRB1*04:58+DRB1*12:02:01		
DRB1*04:25+DRB1*13:02:03	DRB1*04:54+DRB1*13:01:05		
DRB1*04:25+DRB1*13:03:01G	DRB1*04:54+DRB1*13:89		
DRB1*04:25+DRB1*13:05:01G	DRB1*04:54+DRB1*13:42		
DRB1*04:25+DRB1*13:07:01	DRB1*04:36+DRB1*13:47		
DRB1*04:25+DRB1*13:14:01G	DRB1*04:54+DRB1*13:11:01		
DRB1*04:25+DRB1*13:14:02	DRB1*04:54+DRB1*13:11:02		
DRB1*04:25+DRB1*13:20	DRB1*04:37+DRB1*13:18		
DRB1*04:25+DRB1*13:23	DRB1*04:54+DRB1*13:22		
DRB1*04:25+DRB1*13:25	DRB1*04:58+DRB1*13:14:01G		
DRB1*04:25+DRB1*13:29	DRB1*04:54+DRB1*13:20	DRB1*04:58+DRB1*13:63	
DRB1*04:25+DRB1*13:33:01	DRB1*04:54+DRB1*13:94		
DRB1*04:25+DRB1*13:36	DRB1*04:54+DRB1*13:40		
DRB1*04:25+DRB1*13:39	DRB1*04:54+DRB1*13:79		
DRB1*04:25+DRB1*13:41	DRB1*04:54+DRB1*13:27		
DRB1*04:25+DRB1*13:42	DRB1*04:36+DRB1*13:18		
DRB1*04:25+DRB1*13:44	DRB1*04:42+DRB1*08:20	DRB1*04:55+DRB1*13:11:01	
DRB1*04:25+DRB1*13:47	DRB1*04:54+DRB1*08:20		
DRB1*04:25+DRB1*13:49	DRB1*04:36+DRB1*13:55		
DRB1*04:25+DRB1*13:56	DRB1*04:58+DRB1*13:05:01G		
DRB1*04:25+DRB1*13:65	DRB1*04:54+DRB1*13:32		
DRB1*04:25+DRB1*13:97	DRB1*04:54+DRB1*13:52		
DRB1*04:25+DRB1*14:03:01	DRB1*04:54+DRB1*14:02:01G	DRB1*04:58+DRB1*14:27	
DRB1*04:25+DRB1*14:07:01G	DRB1*04:54+DRB1*14:01:01G		
DRB1*04:25+DRB1*14:09	DRB1*04:54+DRB1*14:80		
DRB1*04:25+DRB1*14:14	DRB1*04:54+DRB1*14:23:01		
DRB1*04:25+DRB1*14:32:02	DRB1*04:36+DRB1*14:55		
DRB1*04:25+DRB1*14:44:01	DRB1*04:54+DRB1*14:05:01		
DRB1*04:25+DRB1*14:44:02	DRB1*04:54+DRB1*14:05:03		
DRB1*04:25+DRB1*14:47	DRB1*04:44+DRB1*14:27		
DRB1*04:25+DRB1*14:68	DRB1*04:54+DRB1*14:04		
DRB1*04:25+DRB1*14:69	DRB1*04:58+DRB1*14:25		
DRB1*04:25+DRB1*14:89	DRB1*04:55+DRB1*14:27		
DRB1*04:25+DRB1*15:02:02G	DRB1*04:54+DRB1*15:01:04		
DRB1*04:25+DRB1*15:02:04	DRB1*04:54+DRB1*15:01:09		
DRB1*04:25+DRB1*15:02:06	DRB1*04:54+DRB1*15:01:03		
DRB1*04:25+DRB1*15:02:08	DRB1*04:54+DRB1*15:01:10		
DRB1*04:25+DRB1*15:05	DRB1*04:58+DRB1*15:04		
DRB1*04:25+DRB1*15:11	DRB1*04:54+DRB1*15:07		
DRB1*04:25+DRB1*15:15	DRB1*04:54+DRB1*15:04		
DRB1*04:25+DRB1*15:27	DRB1*04:42+DRB1*16:04		
DRB1*04:25+DRB1*15:31	DRB1*04:54+DRB1*15:05	DRB1*04:58+DRB1*15:15	
DRB1*04:25+DRB1*16:01:01	DRB1*04:54+DRB1*16:15		
DRB1*04:25+DRB1*16:01:02	DRB1*04:36+DRB1*16:04		
DRB1*04:25+DRB1*16:02:01	DRB1*04:58+DRB1*16:01:01		

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DRB1*04:25+DRB1*16:02:02	DRB1*04:58+DRB1*16:01:02		
DRB1*04:25+DRB1*16:10	DRB1*04:58+DRB1*16:09		
DRB1*04:27+DRB1*11:18	DRB1*04:88+DRB1*11:57		
DRB1*04:27+DRB1*11:27:01	DRB1*04:74+DRB1*11:06:01		
DRB1*04:27+DRB1*11:58:02	DRB1*04:41+DRB1*11:06:01		
DRB1*04:27+DRB1*12:22	DRB1*04:74+DRB1*12:01:03		
DRB1*04:27+DRB1*13:33:02G	DRB1*04:74+DRB1*13:81		
DRB1*04:27+DRB1*14:35	DRB1*04:59+DRB1*14:99		
DRB1*04:27+DRB1*14:47	DRB1*04:74+DRB1*14:29		
DRB1*04:27+DRB1*14:55	DRB1*04:55+DRB1*14:99		
DRB1*04:27+DRB1*15:32	DRB1*04:41+DRB1*15:35		
DRB1*04:28+DRB1*04:41	DRB1*04:59+DRB1*04:77		
DRB1*04:28+DRB1*04:51	DRB1*04:59+DRB1*04:87		
DRB1*04:28+DRB1*04:68	DRB1*04:42+DRB1*04:84		
DRB1*04:28+DRB1*04:70	DRB1*04:42+DRB1*04:87		
DRB1*04:28+DRB1*08:20	DRB1*04:42+DRB1*13:55	DRB1*04:55+DRB1*13:21:01G	
DRB1*04:28+DRB1*08:24	DRB1*04:43+DRB1*08:05		
DRB1*04:28+DRB1*08:28	DRB1*04:42+DRB1*08:17		
DRB1*04:28+DRB1*13:01:01G	DRB1*04:43+DRB1*13:93		
DRB1*04:28+DRB1*13:11:01	DRB1*04:42+DRB1*13:21:01G		
DRB1*04:28+DRB1*13:14:01G	DRB1*04:43+DRB1*13:21:01G		
DRB1*04:28+DRB1*13:22	DRB1*04:43+DRB1*13:04		
DRB1*04:28+DRB1*13:24	DRB1*04:43+DRB1*13:75		
DRB1*04:28+DRB1*13:47	DRB1*04:31+DRB1*13:21:01G	DRB1*04:43+DRB1*13:55	
DRB1*04:28+DRB1*13:82	DRB1*04:43+DRB1*13:30		
DRB1*04:28+DRB1*13:84	DRB1*04:84+DRB1*13:52		
DRB1*04:28+DRB1*14:02	DRB1*04:43+DRB1*14:13		
DRB1*04:28+DRB1*14:03:01	DRB1*04:43+DRB1*14:85		
DRB1*04:28+DRB1*14:06:01G	DRB1*04:42+DRB1*14:13		
DRB1*04:28+DRB1*14:02:01G	DRB1*04:42+DRB1*14:85		
DRB1*04:28+DRB1*14:19	DRB1*04:35+DRB1*14:13		
DRB1*04:28+DRB1*14:67	DRB1*04:43+DRB1*14:63		
DRB1*04:28+DRB1*15:01:04	DRB1*04:43+DRB1*15:12		
DRB1*04:29+DRB1*11:28:01	DRB1*04:77+DRB1*11:66		
DRB1*04:29+DRB1*11:29	DRB1*04:84+DRB1*11:66		
DRB1*04:31+DRB1*04:42	DRB1*04:43+DRB1*04:55		
DRB1*04:31+DRB1*08:04:01G	DRB1*04:55+DRB1*08:02:01G		
DRB1*04:31+DRB1*08:06	DRB1*04:55+DRB1*08:01:01G		
DRB1*04:31+DRB1*08:10	DRB1*04:55+DRB1*08:03:02		
DRB1*04:31+DRB1*08:20	DRB1*04:55+DRB1*13:47		
DRB1*04:31+DRB1*08:31	DRB1*04:55+DRB1*08:41	DRB1*04:61+DRB1*08:04:01G	
DRB1*04:31+DRB1*08:41	DRB1*04:61+DRB1*08:02:01G		
DRB1*04:31+DRB1*09:06	DRB1*04:55+DRB1*09:01:02		
DRB1*04:31+DRB1*10:02	DRB1*04:55+DRB1*10:01:01		
DRB1*04:31+DRB1*11:02:01	DRB1*04:55+DRB1*11:14:01G		
DRB1*04:31+DRB1*11:04:03	DRB1*04:55+DRB1*11:01:05		
DRB1*04:31+DRB1*11:04:04	DRB1*04:55+DRB1*11:01:12		
DRB1*04:31+DRB1*11:04:05	DRB1*04:55+DRB1*11:01:04		
DRB1*04:31+DRB1*11:16	DRB1*04:55+DRB1*11:20		
DRB1*04:31+DRB1*11:25	DRB1*04:55+DRB1*11:23		
DRB1*04:31+DRB1*11:34	DRB1*04:55+DRB1*11:26		
DRB1*04:31+DRB1*11:35	DRB1*04:55+DRB1*11:33		
DRB1*04:31+DRB1*11:36	DRB1*04:55+DRB1*11:68		
DRB1*04:31+DRB1*11:37	DRB1*04:61+DRB1*13:47		
DRB1*04:31+DRB1*11:43	DRB1*04:55+DRB1*11:39		
DRB1*04:31+DRB1*11:44	DRB1*04:55+DRB1*11:49		
DRB1*04:31+DRB1*11:56	DRB1*04:55+DRB1*11:37	DRB1*04:61+DRB1*08:20	
DRB1*04:31+DRB1*11:58:01	DRB1*04:55+DRB1*11:28:02		
DRB1*04:31+DRB1*11:58:02	DRB1*04:55+DRB1*11:28:01		
DRB1*04:31+DRB1*11:84	DRB1*04:44+DRB1*11:23	DRB1*04:55+DRB1*11:27:01	
DRB1*04:31+DRB1*11:92	DRB1*04:55+DRB1*11:72		
DRB1*04:31+DRB1*13:01:01G	DRB1*04:55+DRB1*13:02:01		
DRB1*04:31+DRB1*13:01:05	DRB1*04:55+DRB1*13:02:03		
DRB1*04:31+DRB1*13:05:01G	DRB1*04:54+DRB1*14:30		
DRB1*04:31+DRB1*13:11:01	DRB1*04:42+DRB1*13:47 DRB1*04:55+DRB1*13:14:01G	DRB1*04:43+DRB1*08:20	DRB1*04:54+DRB1*13:44
DRB1*04:31+DRB1*13:11:02	DRB1*04:55+DRB1*13:14:02		
DRB1*04:31+DRB1*13:14:01G	DRB1*04:43+DRB1*13:47		
DRB1*04:31+DRB1*13:20	DRB1*04:55+DRB1*13:29		
DRB1*04:31+DRB1*13:22	DRB1*04:55+DRB1*13:23		
DRB1*04:31+DRB1*13:27	DRB1*04:55+DRB1*13:41		
DRB1*04:31+DRB1*13:30	DRB1*04:43+DRB1*13:13		
DRB1*04:31+DRB1*13:32	DRB1*04:55+DRB1*13:65		
DRB1*04:31+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:13		
DRB1*04:31+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:13		
DRB1*04:31+DRB1*13:40	DRB1*04:55+DRB1*13:36		
DRB1*04:31+DRB1*13:48	DRB1*04:55+DRB1*13:38		
DRB1*04:31+DRB1*13:52	DRB1*04:55+DRB1*13:97		
DRB1*04:31+DRB1*13:66:01G	DRB1*04:35+DRB1*13:13		
DRB1*04:31+DRB1*13:79	DRB1*04:55+DRB1*13:39		
DRB1*04:31+DRB1*13:94	DRB1*04:55+DRB1*13:33:01		
DRB1*04:31+DRB1*14:04	DRB1*04:55+DRB1*14:68		
DRB1*04:31+DRB1*14:05:01	DRB1*04:55+DRB1*14:44:01		
DRB1*04:31+DRB1*14:05:03	DRB1*04:55+DRB1*14:44:02		
DRB1*04:31+DRB1*14:02:01G	DRB1*04:55+DRB1*14:03:01	DRB1*04:58+DRB1*14:89	
DRB1*04:31+DRB1*14:15	DRB1*04:55+DRB1*08:09		
DRB1*04:31+DRB1*14:17	DRB1*04:55+DRB1*14:30		
DRB1*04:31+DRB1*14:23:01	DRB1*04:55+DRB1*14:14		
DRB1*04:31+DRB1*14:27	DRB1*04:54+DRB1*14:89		
DRB1*04:31+DRB1*14:63	DRB1*04:86+DRB1*14:89		
DRB1*04:31+DRB1*14:80	DRB1*04:55+DRB1*14:09		
DRB1*04:31+DRB1*15:01:01G	DRB1*04:55+DRB1*15:02:01		
DRB1*04:31+DRB1*15:01:03	DRB1*04:55+DRB1*15:02:06		
DRB1*04:31+DRB1*15:01:04	DRB1*04:55+DRB1*15:02:02G		
DRB1*04:31+DRB1*15:01:09	DRB1*04:55+DRB1*15:02:04		
DRB1*04:31+DRB1*15:01:10	DRB1*04:55+DRB1*15:02:08		
DRB1*04:31+DRB1*15:04	DRB1*04:55+DRB1*15:15		
DRB1*04:31+DRB1*15:05	DRB1*04:55+DRB1*15:31		
DRB1*04:31+DRB1*15:07	DRB1*04:55+DRB1*15:11		
DRB1*04:32+DRB1*11:23	DRB1*04:55+DRB1*11:51		
DRB1*04:32+DRB1*11:27:01	DRB1*04:44+DRB1*11:51		
DRB1*04:32+DRB1*11:29	DRB1*04:68+DRB1*11:51		
DRB1*04:35+DRB1*04:44	DRB1*04:42+DRB1*04:72:02		
DRB1*04:35+DRB1*04:56	DRB1*04:38+DRB1*04:42		
DRB1*04:35+DRB1*04:88	DRB1*04:38+DRB1*04:59		

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DRB1*04:35+DRB1*08:18	DRB1*04:43+DRB1*08:40	
DRB1*04:35+DRB1*11:01:01G	DRB1*04:43+DRB1*11:93	
DRB1*04:35+DRB1*11:04:01G	DRB1*04:42+DRB1*11:93	
DRB1*04:35+DRB1*11:18	DRB1*04:42+DRB1*11:73	
DRB1*04:35+DRB1*11:19:01	DRB1*04:43+DRB1*11:73	
DRB1*04:35+DRB1*11:26	DRB1*04:43+DRB1*11:79	
DRB1*04:35+DRB1*11:34	DRB1*04:42+DRB1*11:79	
DRB1*04:35+DRB1*11:54:02	DRB1*04:59+DRB1*11:93	
DRB1*04:35+DRB1*11:98	DRB1*04:42+DRB1*11:14:01G	DRB1*04:43+DRB1*11:02:01
DRB1*04:35+DRB1*13:06	DRB1*04:43+DRB1*13:10	
DRB1*04:35+DRB1*13:30	DRB1*04:43+DRB1*13:66:01G	
DRB1*04:35+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:66:01G	
DRB1*04:35+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:66:01G	
DRB1*04:35+DRB1*13:58	DRB1*04:43+DRB1*13:81	
DRB1*04:35+DRB1*14:02	DRB1*04:43+DRB1*14:19	
DRB1*04:35+DRB1*14:06:01G	DRB1*04:42+DRB1*14:19	
DRB1*04:35+DRB1*14:16	DRB1*04:62+DRB1*13:83	
DRB1*04:35+DRB1*14:17	DRB1*04:43+DRB1*14:21	
DRB1*04:35+DRB1*14:69	DRB1*04:62+DRB1*13:25	
DRB1*04:35+DRB1*16:05:01	DRB1*04:38+DRB1*16:10	
DRB1*04:36+DRB1*08:13	DRB1*04:58+DRB1*08:24	
DRB1*04:36+DRB1*11:01:03G	DRB1*04:47+DRB1*11:04:01G	
DRB1*04:36+DRB1*11:01:10	DRB1*04:47+DRB1*11:04:03	
DRB1*04:36+DRB1*11:19:02	DRB1*04:47+DRB1*11:18	DRB1*04:53+DRB1*11:01:01G
DRB1*04:36+DRB1*11:36	DRB1*04:37+DRB1*11:04:01G	
DRB1*04:36+DRB1*11:68	DRB1*04:37+DRB1*11:01:01G	
DRB1*04:36+DRB1*12:01:01G	DRB1*04:53+DRB1*12:02:04	
DRB1*04:36+DRB1*13:02:02	DRB1*04:47+DRB1*13:01:01G	DRB1*04:53+DRB1*13:63
DRB1*04:36+DRB1*13:20	DRB1*04:37+DRB1*13:42	
DRB1*04:36+DRB1*13:29	DRB1*04:37+DRB1*13:05:01G	
DRB1*04:36+DRB1*15:27	DRB1*04:42+DRB1*16:01:02	
DRB1*04:36+DRB1*16:05:01	DRB1*04:53+DRB1*16:01:02	
DRB1*04:37+DRB1*11:01:03G	DRB1*04:47+DRB1*11:36	
DRB1*04:37+DRB1*11:19:02	DRB1*04:53+DRB1*11:68	
DRB1*04:37+DRB1*11:64	DRB1*04:58+DRB1*11:68	
DRB1*04:37+DRB1*13:13	DRB1*04:58+DRB1*13:38	
DRB1*04:37+DRB1*15:21	DRB1*04:58+DRB1*15:10	
DRB1*04:38+DRB1*04:44	DRB1*04:56+DRB1*04:72:02	
DRB1*04:38+DRB1*11:04:01G	DRB1*04:56+DRB1*11:93	
DRB1*04:38+DRB1*11:18	DRB1*04:56+DRB1*11:73	
DRB1*04:38+DRB1*11:34	DRB1*04:56+DRB1*11:79	
DRB1*04:38+DRB1*11:54:02	DRB1*04:88+DRB1*11:93	
DRB1*04:38+DRB1*11:98	DRB1*04:56+DRB1*11:14:01G	
DRB1*04:38+DRB1*13:43	DRB1*04:62+DRB1*13:01:01G	
DRB1*04:38+DRB1*13:49	DRB1*04:80+DRB1*13:37	
DRB1*04:38+DRB1*14:06:01G	DRB1*04:56+DRB1*14:19	
DRB1*04:38+DRB1*14:98	DRB1*04:72:02+DRB1*14:67	
DRB1*04:41+DRB1*04:87	DRB1*04:51+DRB1*04:77	
DRB1*04:41+DRB1*11:27:01	DRB1*04:74+DRB1*11:58:02	
DRB1*04:42+DRB1*04:51	DRB1*04:59+DRB1*04:70	
DRB1*04:42+DRB1*04:88	DRB1*04:56+DRB1*04:59	
DRB1*04:42+DRB1*08:09	DRB1*04:43+DRB1*14:15	
DRB1*04:42+DRB1*08:29	DRB1*04:59+DRB1*08:18	
DRB1*04:42+DRB1*08:41	DRB1*04:43+DRB1*08:31	
DRB1*04:42+DRB1*09:01:02	DRB1*04:43+DRB1*09:06	
DRB1*04:42+DRB1*10:01:01	DRB1*04:43+DRB1*10:02	
DRB1*04:42+DRB1*11:01:01G	DRB1*04:43+DRB1*11:04:01G	
DRB1*04:42+DRB1*11:01:04	DRB1*04:43+DRB1*11:04:05	
DRB1*04:42+DRB1*11:01:05	DRB1*04:43+DRB1*11:04:03	
DRB1*04:42+DRB1*11:01:12	DRB1*04:43+DRB1*11:04:04	
DRB1*04:42+DRB1*11:08:01G	DRB1*04:43+DRB1*11:42	
DRB1*04:42+DRB1*11:11:01G	DRB1*04:43+DRB1*11:03	
DRB1*04:42+DRB1*11:19:01	DRB1*04:43+DRB1*11:18	
DRB1*04:42+DRB1*11:20	DRB1*04:43+DRB1*11:16	
DRB1*04:42+DRB1*11:23	DRB1*04:43+DRB1*11:25	
DRB1*04:42+DRB1*11:26	DRB1*04:43+DRB1*11:34	
DRB1*04:42+DRB1*11:27:01	DRB1*04:43+DRB1*11:84	
DRB1*04:42+DRB1*11:28:01	DRB1*04:43+DRB1*11:58:02	
DRB1*04:42+DRB1*11:28:02	DRB1*04:43+DRB1*11:58:01	
DRB1*04:42+DRB1*11:33	DRB1*04:43+DRB1*11:35	
DRB1*04:42+DRB1*11:39	DRB1*04:43+DRB1*11:43	
DRB1*04:42+DRB1*11:49	DRB1*04:43+DRB1*11:44	
DRB1*04:42+DRB1*11:54:01	DRB1*04:59+DRB1*11:04:03	
DRB1*04:42+DRB1*11:54:02	DRB1*04:59+DRB1*11:04:01G	
DRB1*04:42+DRB1*11:68	DRB1*04:43+DRB1*11:36	
DRB1*04:42+DRB1*11:72	DRB1*04:43+DRB1*11:92	
DRB1*04:42+DRB1*13:02:01	DRB1*04:43+DRB1*13:01:01G	
DRB1*04:42+DRB1*13:02:03	DRB1*04:43+DRB1*13:01:05	
DRB1*04:42+DRB1*13:05:01G	DRB1*04:43+DRB1*13:42	
DRB1*04:42+DRB1*13:13	DRB1*04:55+DRB1*13:30	DRB1*04:86+DRB1*13:44
DRB1*04:42+DRB1*13:14:01G	DRB1*04:43+DRB1*13:11:01	
DRB1*04:42+DRB1*13:14:02	DRB1*04:43+DRB1*13:11:02	
DRB1*04:42+DRB1*13:23	DRB1*04:43+DRB1*13:22	
DRB1*04:42+DRB1*13:29	DRB1*04:43+DRB1*13:20	
DRB1*04:42+DRB1*13:33:01	DRB1*04:43+DRB1*13:94	
DRB1*04:42+DRB1*13:33:02G	DRB1*04:44+DRB1*13:66:01G	
DRB1*04:42+DRB1*13:39	DRB1*04:43+DRB1*13:79	
DRB1*04:42+DRB1*13:41	DRB1*04:43+DRB1*13:27	
DRB1*04:42+DRB1*13:84	DRB1*04:68+DRB1*13:52	
DRB1*04:42+DRB1*13:88	DRB1*04:67+DRB1*13:25	
DRB1*04:42+DRB1*13:97	DRB1*04:43+DRB1*13:52	
DRB1*04:42+DRB1*14:01:02	DRB1*04:59+DRB1*14:32:01	
DRB1*04:42+DRB1*14:02	DRB1*04:43+DRB1*14:06:01G	
DRB1*04:42+DRB1*14:03:01	DRB1*04:43+DRB1*14:02:01G	
DRB1*04:42+DRB1*14:04	DRB1*04:59+DRB1*14:31	
DRB1*04:42+DRB1*14:05:01	DRB1*04:59+DRB1*14:100	
DRB1*04:42+DRB1*14:08	DRB1*04:59+DRB1*14:34	
DRB1*04:42+DRB1*14:14	DRB1*04:43+DRB1*14:23:01	
DRB1*04:42+DRB1*14:30	DRB1*04:43+DRB1*14:17	
DRB1*04:42+DRB1*14:33	DRB1*04:59+DRB1*14:17	
DRB1*04:42+DRB1*14:44:01	DRB1*04:43+DRB1*14:05:01	
DRB1*04:42+DRB1*14:44:02	DRB1*04:43+DRB1*14:05:03	
DRB1*04:42+DRB1*14:51	DRB1*04:59+DRB1*14:02	
DRB1*04:42+DRB1*14:63	DRB1*04:43+DRB1*14:78	
DRB1*04:42+DRB1*14:68	DRB1*04:43+DRB1*14:04	

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DRB1*04:42+DRB1*15:02:01	DRB1*04:43+DRB1*15:01:01G	
DRB1*04:42+DRB1*15:02:02G	DRB1*04:43+DRB1*15:01:04	
DRB1*04:42+DRB1*15:02:04	DRB1*04:43+DRB1*15:01:09	
DRB1*04:42+DRB1*15:02:06	DRB1*04:43+DRB1*15:01:03	
DRB1*04:42+DRB1*15:02:08	DRB1*04:43+DRB1*15:01:10	
DRB1*04:42+DRB1*15:15	DRB1*04:43+DRB1*15:04	
DRB1*04:42+DRB1*15:31	DRB1*04:43+DRB1*15:05	
DRB1*04:42+DRB1*16:05:01	DRB1*04:53+DRB1*15:27	DRB1*04:56+DRB1*16:10
DRB1*04:43+DRB1*11:52	DRB1*04:61+DRB1*14:72	
DRB1*04:43+DRB1*11:54:01	DRB1*04:59+DRB1*11:01:05	
DRB1*04:43+DRB1*11:54:02	DRB1*04:59+DRB1*11:01:01G	
DRB1*04:43+DRB1*13:33:01	DRB1*04:72:01+DRB1*13:30	
DRB1*04:43+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:30	
DRB1*04:43+DRB1*14:33	DRB1*04:59+DRB1*14:30	
DRB1*04:43+DRB1*16:04	DRB1*04:54+DRB1*15:27	
DRB1*04:44+DRB1*11:14:01G	DRB1*04:72:02+DRB1*11:98	
DRB1*04:44+DRB1*11:20	DRB1*04:61+DRB1*13:61	
DRB1*04:44+DRB1*11:25	DRB1*04:55+DRB1*11:84	
DRB1*04:44+DRB1*11:73	DRB1*04:72:02+DRB1*11:18	
DRB1*04:44+DRB1*11:79	DRB1*04:72:02+DRB1*11:34	
DRB1*04:44+DRB1*14:07:01G	DRB1*04:74+DRB1*14:32:02	
DRB1*04:44+DRB1*14:44:01	DRB1*04:74+DRB1*14:100	
DRB1*04:44+DRB1*14:68	DRB1*04:74+DRB1*14:31	
DRB1*04:44+DRB1*14:75	DRB1*04:70+DRB1*14:38	
DRB1*04:44+DRB1*14:89	DRB1*04:55+DRB1*14:47	
DRB1*04:47+DRB1*08:10	DRB1*04:53+DRB1*08:01:01G	
DRB1*04:47+DRB1*08:34	DRB1*04:54+DRB1*08:25	DRB1*04:82+DRB1*08:02:01G
DRB1*04:47+DRB1*11:23	DRB1*04:54+DRB1*11:01:03G	
DRB1*04:47+DRB1*11:45	DRB1*04:54+DRB1*11:19:02	
DRB1*04:47+DRB1*13:06	DRB1*04:53+DRB1*13:05:01G	
DRB1*04:47+DRB1*15:01:01G	DRB1*04:53+DRB1*15:15	
DRB1*04:47+DRB1*16:04	DRB1*04:54+DRB1*16:01:01	
DRB1*04:51+DRB1*04:56	DRB1*04:70+DRB1*04:88	
DRB1*04:51+DRB1*08:18	DRB1*04:70+DRB1*08:29	
DRB1*04:51+DRB1*11:04:01G	DRB1*04:70+DRB1*11:54:02	
DRB1*04:51+DRB1*11:04:03	DRB1*04:70+DRB1*11:54:01	
DRB1*04:51+DRB1*14:02	DRB1*04:70+DRB1*14:51	
DRB1*04:51+DRB1*14:17	DRB1*04:70+DRB1*14:33	
DRB1*04:51+DRB1*14:31	DRB1*04:70+DRB1*14:04	
DRB1*04:51+DRB1*14:32:02	DRB1*04:70+DRB1*14:01:01G	
DRB1*04:51+DRB1*14:34	DRB1*04:70+DRB1*14:08	
DRB1*04:51+DRB1*14:100	DRB1*04:70+DRB1*14:05:01	
DRB1*04:53+DRB1*11:64	DRB1*04:58+DRB1*11:19:02	
DRB1*04:53+DRB1*13:100	DRB1*04:82+DRB1*13:11:01	
DRB1*04:53+DRB1*14:48	DRB1*04:82+DRB1*14:06:01G	
DRB1*04:54+DRB1*08:03:02	DRB1*04:86+DRB1*08:02:01G	
DRB1*04:54+DRB1*08:18	DRB1*04:86+DRB1*08:24	
DRB1*04:54+DRB1*08:35	DRB1*04:86+DRB1*08:09	
DRB1*04:54+DRB1*13:04	DRB1*04:86+DRB1*13:24	
DRB1*04:54+DRB1*13:12	DRB1*04:86+DRB1*13:07:01	
DRB1*04:54+DRB1*13:13	DRB1*04:86+DRB1*13:47	
DRB1*04:54+DRB1*13:30	DRB1*04:86+DRB1*13:14:01G	
DRB1*04:54+DRB1*13:77	DRB1*04:82+DRB1*13:18	
DRB1*04:54+DRB1*14:63	DRB1*04:86+DRB1*14:27	
DRB1*04:54+DRB1*14:74	DRB1*04:58+DRB1*14:22	
DRB1*04:55+DRB1*11:09	DRB1*04:61+DRB1*13:18	
DRB1*04:55+DRB1*11:42	DRB1*04:58+DRB1*11:34	
DRB1*04:55+DRB1*11:63	DRB1*04:68+DRB1*11:55	
DRB1*04:55+DRB1*13:56	DRB1*04:58+DRB1*14:30	
DRB1*04:55+DRB1*14:35	DRB1*04:59+DRB1*14:55	
DRB1*04:55+DRB1*16:02:02	DRB1*04:58+DRB1*15:34	
DRB1*04:56+DRB1*08:29	DRB1*04:88+DRB1*08:18	
DRB1*04:56+DRB1*11:54:01	DRB1*04:88+DRB1*11:04:03	
DRB1*04:56+DRB1*11:54:02	DRB1*04:88+DRB1*11:04:01G	
DRB1*04:56+DRB1*14:01:01G	DRB1*04:88+DRB1*14:32:02	
DRB1*04:56+DRB1*14:01:02	DRB1*04:88+DRB1*14:32:01	
DRB1*04:56+DRB1*14:04	DRB1*04:88+DRB1*14:31	
DRB1*04:56+DRB1*14:08	DRB1*04:88+DRB1*14:34	
DRB1*04:56+DRB1*14:33	DRB1*04:88+DRB1*14:17	
DRB1*04:56+DRB1*14:51	DRB1*04:88+DRB1*14:02	
DRB1*04:59+DRB1*16:05:01	DRB1*04:88+DRB1*16:10	
DRB1*04:62+DRB1*08:06	DRB1*04:67+DRB1*08:08	
DRB1*04:62+DRB1*13:04	DRB1*04:67+DRB1*13:45	
DRB1*04:67+DRB1*13:96	DRB1*04:72:01+DRB1*13:93	
DRB1*04:68+DRB1*04:87	DRB1*04:70+DRB1*04:84	
DRB1*04:68+DRB1*08:17	DRB1*04:84+DRB1*08:28	
DRB1*04:68+DRB1*13:21:01G	DRB1*04:84+DRB1*13:11:01	
DRB1*04:68+DRB1*13:55	DRB1*04:84+DRB1*08:20	
DRB1*04:68+DRB1*14:13	DRB1*04:84+DRB1*14:06:01G	
DRB1*04:68+DRB1*14:85	DRB1*04:84+DRB1*14:02:01G	
DRB1*04:70+DRB1*08:01:01G	DRB1*04:87+DRB1*08:04:01G	
DRB1*04:70+DRB1*08:17	DRB1*04:87+DRB1*08:28	
DRB1*04:70+DRB1*13:21:01G	DRB1*04:87+DRB1*13:11:01	
DRB1*04:70+DRB1*13:38	DRB1*04:87+DRB1*13:70	
DRB1*04:70+DRB1*13:55	DRB1*04:87+DRB1*08:20	
DRB1*04:70+DRB1*13:65	DRB1*04:87+DRB1*13:40	
DRB1*04:70+DRB1*14:13	DRB1*04:87+DRB1*14:06:01G	
DRB1*04:70+DRB1*14:85	DRB1*04:87+DRB1*14:02:01G	
DRB1*04:72:01+DRB1*11:27:01	DRB1*04:72:02+DRB1*11:27:02	
DRB1*04:72:01+DRB1*13:33:02G	DRB1*04:72:02+DRB1*13:33:01	
DRB1*04:72:02+DRB1*08:29	DRB1*04:74+DRB1*08:40	
DRB1*04:72:02+DRB1*14:33	DRB1*04:74+DRB1*14:21	
DRB1*04:72:02+DRB1*14:51	DRB1*04:74+DRB1*14:19	
DRB1*04:77+DRB1*11:29	DRB1*04:84+DRB1*11:28:01	
DRB1*04:77+DRB1*16:01:01	DRB1*04:84+DRB1*16:08	
DRB1*04:82+DRB1*08:03:02	DRB1*04:86+DRB1*08:25	
DRB1*04:84+DRB1*11:54:01	DRB1*04:91+DRB1*11:01:05	
DRB1*04:84+DRB1*14:33	DRB1*04:91+DRB1*14:30	
DRB1*07:01:01G+DRB1*08:16	DRB1*07:08+DRB1*08:01:01G	
DRB1*07:01:01G+DRB1*09:05	DRB1*07:11+DRB1*09:01:02	
DRB1*07:01:01G+DRB1*11:24	DRB1*07:08+DRB1*11:01:01G	
DRB1*07:01:01G+DRB1*13:51	DRB1*07:19+DRB1*13:01:01G	
DRB1*07:01:01G+DRB1*13:68	DRB1*07:08+DRB1*13:52	
DRB1*07:01:01G+DRB1*14:01:01G	DRB1*07:09+DRB1*14:70	
DRB1*07:01:01G+DRB1*14:62	DRB1*07:12+DRB1*14:01:01G	

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DRB1*07:01:01G+DRB1*15:01:01G	DRB1*07:09+DRB1*15:03:01G		
DRB1*07:01:01G+DRB1*15:05	DRB1*07:09+DRB1*15:23		
DRB1*07:01:01G+DRB1*15:22	DRB1*07:13+DRB1*15:01:01G		
DRB1*07:04+DRB1*11:01:01G	DRB1*07:11+DRB1*11:27:01		
DRB1*07:04+DRB1*11:04:01G	DRB1*07:11+DRB1*11:84		
DRB1*07:04+DRB1*13:01:01G	DRB1*07:11+DRB1*13:61		
DRB1*07:04+DRB1*13:03:01G	DRB1*07:11+DRB1*13:33:02G		
DRB1*07:04+DRB1*14:01:02	DRB1*07:11+DRB1*14:38		
DRB1*07:04+DRB1*14:02	DRB1*07:11+DRB1*14:47		
DRB1*07:04+DRB1*14:03:01	DRB1*07:11+DRB1*14:98		
DRB1*08:01:01G+DRB1*08:04:01G	DRB1*08:02:01G+DRB1*08:06		
DRB1*08:01:01G+DRB1*08:10	DRB1*08:03:02+DRB1*08:06		
DRB1*08:01:01G+DRB1*08:12	DRB1*08:03:02+DRB1*08:22		
DRB1*08:01:01G+DRB1*08:18	DRB1*08:03:02+DRB1*08:05		
DRB1*08:01:01G+DRB1*08:20	DRB1*08:04:01G+DRB1*13:55	DRB1*08:06+DRB1*13:47	
DRB1*08:01:01G+DRB1*08:24	DRB1*08:02:01G+DRB1*08:05		
DRB1*08:01:01G+DRB1*08:28	DRB1*08:04:01G+DRB1*08:17		
DRB1*08:01:01G+DRB1*08:30:01	DRB1*08:02:01G+DRB1*08:03:02		
DRB1*08:01:01G+DRB1*08:31	DRB1*08:06+DRB1*08:41		
DRB1*08:01:01G+DRB1*08:37	DRB1*08:03:02+DRB1*08:17		
DRB1*08:01:01G+DRB1*09:06	DRB1*08:06+DRB1*09:01:02		
DRB1*08:01:01G+DRB1*10:02	DRB1*08:06+DRB1*10:01:01		
DRB1*08:01:01G+DRB1*11:01:01G	DRB1*08:05+DRB1*11:23	DRB1*08:17+DRB1*11:37	
DRB1*08:01:01G+DRB1*11:01:04	DRB1*08:01:04+DRB1*11:01:01G		
DRB1*08:01:01G+DRB1*11:02:01	DRB1*08:03:02+DRB1*11:03	DRB1*08:06+DRB1*11:14:01G	DRB1*08:10+DRB1*11:11:01G
	DRB1*08:17+DRB1*11:48	DRB1*08:18+DRB1*11:55	DRB1*08:37+DRB1*11:41
	DRB1*11:67+DRB1*13:38		
DRB1*08:01:01G+DRB1*11:03	DRB1*08:05+DRB1*11:55	DRB1*08:06+DRB1*11:11:01G	DRB1*08:17+DRB1*11:41
DRB1*08:01:01G+DRB1*11:04:01G	DRB1*08:05+DRB1*11:25	DRB1*08:06+DRB1*11:01:01G	DRB1*08:17+DRB1*11:56
	DRB1*11:67+DRB1*13:49		
DRB1*08:01:01G+DRB1*11:04:03	DRB1*08:06+DRB1*11:01:05		
DRB1*08:01:01G+DRB1*11:04:04	DRB1*08:06+DRB1*11:01:12		
DRB1*08:01:01G+DRB1*11:04:05	DRB1*08:01:04+DRB1*11:04:01G	DRB1*08:06+DRB1*11:01:04	
DRB1*08:01:01G+DRB1*11:06:01	DRB1*08:22+DRB1*11:01:01G		
DRB1*08:01:01G+DRB1*11:06:02	DRB1*08:22+DRB1*11:01:05		
DRB1*08:01:01G+DRB1*11:08:01G	DRB1*08:05+DRB1*11:64		
DRB1*08:01:01G+DRB1*11:14:01G	DRB1*08:03:02+DRB1*11:11:01G		
DRB1*08:01:01G+DRB1*11:16	DRB1*08:03:02+DRB1*11:40	DRB1*08:06+DRB1*11:20	DRB1*11:67+DRB1*13:65
DRB1*08:01:01G+DRB1*11:17	DRB1*13:55+DRB1*14:11		
DRB1*08:01:01G+DRB1*11:18	DRB1*08:03:02+DRB1*11:04:01G	DRB1*08:06+DRB1*11:19:01	DRB1*08:10+DRB1*11:01:01G
	DRB1*08:18+DRB1*11:25	DRB1*08:37+DRB1*11:56	DRB1*11:67+DRB1*13:12
DRB1*08:01:01G+DRB1*11:19:01	DRB1*08:03:02+DRB1*11:01:01G	DRB1*08:05+DRB1*11:45	DRB1*08:18+DRB1*11:23
	DRB1*08:37+DRB1*11:37		
DRB1*08:01:01G+DRB1*11:19:02	DRB1*08:03:02+DRB1*11:01:03G		
DRB1*08:01:01G+DRB1*11:21	DRB1*08:12+DRB1*11:11:01G	DRB1*08:22+DRB1*11:14:01G	
DRB1*08:01:01G+DRB1*11:24	DRB1*08:16+DRB1*11:01:01G		
DRB1*08:01:01G+DRB1*11:25	DRB1*08:06+DRB1*11:23	DRB1*11:67+DRB1*13:55	
DRB1*08:01:01G+DRB1*11:31	DRB1*08:03:02+DRB1*11:96		
DRB1*08:01:01G+DRB1*11:34	DRB1*08:06+DRB1*11:26		
DRB1*08:01:01G+DRB1*11:35	DRB1*08:06+DRB1*11:33		
DRB1*08:01:01G+DRB1*11:36	DRB1*08:06+DRB1*11:68		
DRB1*08:01:01G+DRB1*11:37	DRB1*08:41+DRB1*13:55		
DRB1*08:01:01G+DRB1*11:42	DRB1*08:06+DRB1*11:08:01G		
DRB1*08:01:01G+DRB1*11:43	DRB1*08:06+DRB1*11:39		
DRB1*08:01:01G+DRB1*11:44	DRB1*08:06+DRB1*11:49		
DRB1*08:01:01G+DRB1*11:45	DRB1*08:03:02+DRB1*11:23		
DRB1*08:01:01G+DRB1*11:47	DRB1*08:22+DRB1*11:29		
DRB1*08:01:01G+DRB1*11:48	DRB1*08:03:02+DRB1*11:41		
DRB1*08:01:01G+DRB1*11:56	DRB1*08:06+DRB1*11:37	DRB1*08:31+DRB1*13:55	
DRB1*08:01:01G+DRB1*11:57	DRB1*08:22+DRB1*11:08:01G		
DRB1*08:01:01G+DRB1*11:58:01	DRB1*08:06+DRB1*11:28:02		
DRB1*08:01:01G+DRB1*11:58:02	DRB1*08:06+DRB1*11:28:01		
DRB1*08:01:01G+DRB1*11:73	DRB1*08:03:02+DRB1*11:93	DRB1*08:40+DRB1*11:23	
DRB1*08:01:01G+DRB1*11:82	DRB1*08:03:02+DRB1*11:69		
DRB1*08:01:01G+DRB1*11:84	DRB1*08:06+DRB1*11:27:01		
DRB1*08:01:01G+DRB1*11:92	DRB1*08:06+DRB1*11:72		
DRB1*08:01:01G+DRB1*12:01:01G	DRB1*08:03:02+DRB1*12:02:01	DRB1*08:37+DRB1*12:21	
DRB1*08:01:01G+DRB1*12:01:02	DRB1*08:12+DRB1*12:16		
DRB1*08:01:01G+DRB1*12:01:03	DRB1*08:03:02+DRB1*12:02:02		
DRB1*08:01:01G+DRB1*12:02:01	DRB1*08:17+DRB1*12:21		
DRB1*08:01:01G+DRB1*12:05	DRB1*08:03:02+DRB1*12:15		
DRB1*08:01:01G+DRB1*12:13	DRB1*08:26+DRB1*12:02:01		
DRB1*08:01:01G+DRB1*13:01:01G	DRB1*08:02:01G+DRB1*13:93	DRB1*08:06+DRB1*13:02:01	DRB1*08:10+DRB1*13:63
	DRB1*08:17+DRB1*13:40	DRB1*08:28+DRB1*13:65	
DRB1*08:01:01G+DRB1*13:01:05	DRB1*08:06+DRB1*13:02:03		
DRB1*08:01:01G+DRB1*13:02:01	DRB1*08:03:02+DRB1*13:63	DRB1*08:17+DRB1*13:36	
DRB1*08:01:01G+DRB1*13:03:01G	DRB1*08:40+DRB1*13:55		
DRB1*08:01:01G+DRB1*13:04	DRB1*08:03:02+DRB1*13:75	DRB1*08:17+DRB1*13:48	
DRB1*08:01:01G+DRB1*13:06	DRB1*08:03:02+DRB1*13:42	DRB1*08:10+DRB1*13:05:01G	DRB1*08:18+DRB1*13:18
DRB1*08:01:01G+DRB1*13:07:01	DRB1*08:02:01G+DRB1*13:49	DRB1*08:05+DRB1*13:47	DRB1*08:24+DRB1*13:55
DRB1*08:01:01G+DRB1*13:08	DRB1*08:09+DRB1*13:48	DRB1*13:38+DRB1*14:15	
DRB1*08:01:01G+DRB1*13:10	DRB1*08:40+DRB1*13:18		
DRB1*08:01:01G+DRB1*13:11:01	DRB1*08:04:01G+DRB1*13:21:01G	DRB1*08:06+DRB1*13:14:01G	DRB1*08:28+DRB1*13:49
DRB1*08:01:01G+DRB1*13:11:02	DRB1*08:06+DRB1*13:14:02		
DRB1*08:01:01G+DRB1*13:12	DRB1*08:03:02+DRB1*13:49	DRB1*08:05+DRB1*13:13	DRB1*08:18+DRB1*13:55
DRB1*08:01:01G+DRB1*13:13	DRB1*08:03:02+DRB1*13:55		
DRB1*08:01:01G+DRB1*13:14:01G	DRB1*08:02:01G+DRB1*13:21:01G	DRB1*08:17+DRB1*13:07:01	
DRB1*08:01:01G+DRB1*13:14:02	DRB1*08:17+DRB1*13:07:02		
DRB1*08:01:01G+DRB1*13:15	DRB1*08:17+DRB1*13:53		
DRB1*08:01:01G+DRB1*13:20	DRB1*08:06+DRB1*13:29		
DRB1*08:01:01G+DRB1*13:21:01G	DRB1*08:17+DRB1*13:49		
DRB1*08:01:01G+DRB1*13:22	DRB1*08:02:01G+DRB1*13:04	DRB1*08:03:02+DRB1*13:24	DRB1*08:06+DRB1*13:23
	DRB1*08:17+DRB1*13:70	DRB1*08:28+DRB1*13:38	DRB1*08:30:01+DRB1*13:75
	DRB1*13:17+DRB1*13:55		
DRB1*08:01:01G+DRB1*13:24	DRB1*08:02:01G+DRB1*13:75		
DRB1*08:01:01G+DRB1*13:25	DRB1*08:13+DRB1*13:21:01G		
DRB1*08:01:01G+DRB1*13:27	DRB1*08:06+DRB1*13:41		
DRB1*08:01:01G+DRB1*13:30	DRB1*08:03:02+DRB1*13:21:01G	DRB1*08:17+DRB1*13:12	DRB1*08:37+DRB1*13:49
DRB1*08:01:01G+DRB1*13:32	DRB1*08:06+DRB1*13:65		
DRB1*08:01:01G+DRB1*13:36	DRB1*08:02:01G+DRB1*13:65		
DRB1*08:01:01G+DRB1*13:37	DRB1*08:02:01G+DRB1*13:03:01G	DRB1*08:40+DRB1*13:47	
DRB1*08:01:01G+DRB1*13:40	DRB1*08:02:01G+DRB1*13:32	DRB1*08:04:01G+DRB1*13:65	DRB1*08:06+DRB1*13:36
DRB1*08:01:01G+DRB1*13:42	DRB1*08:05+DRB1*13:18	DRB1*08:06+DRB1*13:05:01G	
DRB1*08:01:01G+DRB1*13:47	DRB1*08:02:01G+DRB1*13:55		
DRB1*08:01:01G+DRB1*13:48	DRB1*08:06+DRB1*13:38		

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DRB1*08:01:01G+DRB1*13:49	DRB1*08:05+DRB1*13:55		
DRB1*08:01:01G+DRB1*13:52	DRB1*08:06+DRB1*13:97		
DRB1*08:01:01G+DRB1*13:57	DRB1*08:17+DRB1*13:19		
DRB1*08:01:01G+DRB1*13:58	DRB1*08:12+DRB1*13:49	DRB1*08:22+DRB1*13:12	
DRB1*08:01:01G+DRB1*13:66:01G	DRB1*08:17+DRB1*13:03:01G		
DRB1*08:01:01G+DRB1*13:68	DRB1*08:16+DRB1*13:52		
DRB1*08:01:01G+DRB1*13:70	DRB1*08:02:01G+DRB1*13:48	DRB1*08:04:01G+DRB1*13:38	
DRB1*08:01:01G+DRB1*13:73	DRB1*08:26+DRB1*13:02:01		
DRB1*08:01:01G+DRB1*13:79	DRB1*08:06+DRB1*13:39		
DRB1*08:01:01G+DRB1*13:81	DRB1*08:22+DRB1*13:03:01G		
DRB1*08:01:01G+DRB1*13:82	DRB1*08:02:01G+DRB1*13:30	DRB1*08:03:02+DRB1*13:14:01G	DRB1*08:30:01+DRB1*13:21:01G
	DRB1*08:37+DRB1*13:07:01		
DRB1*08:01:01G+DRB1*13:83	DRB1*08:09+DRB1*13:04	DRB1*08:17+DRB1*13:08	DRB1*08:35+DRB1*13:24
DRB1*08:01:01G+DRB1*13:85	DRB1*08:40+DRB1*14:27		
DRB1*08:01:01G+DRB1*13:89	DRB1*08:06+DRB1*13:03:01G		
DRB1*08:01:01G+DRB1*13:93	DRB1*08:17+DRB1*13:32		
DRB1*08:01:01G+DRB1*13:94	DRB1*08:06+DRB1*13:33:01		
DRB1*08:01:01G+DRB1*14:01:01G	DRB1*08:06+DRB1*14:07:01G	DRB1*13:55+DRB1*14:04	
DRB1*08:01:01G+DRB1*14:02	DRB1*08:02:01G+DRB1*14:13	DRB1*08:05+DRB1*14:89	
DRB1*08:01:01G+DRB1*14:03:01	DRB1*08:02:01G+DRB1*14:85		
DRB1*08:01:01G+DRB1*14:04	DRB1*08:06+DRB1*14:68		
DRB1*08:01:01G+DRB1*14:05:01	DRB1*08:06+DRB1*14:44:01		
DRB1*08:01:01G+DRB1*14:05:03	DRB1*08:06+DRB1*14:44:02		
DRB1*08:01:01G+DRB1*14:06:01G	DRB1*08:04:01G+DRB1*14:13	DRB1*08:06+DRB1*14:02	DRB1*13:55+DRB1*14:52
DRB1*08:01:01G+DRB1*14:07:01G	DRB1*13:55+DRB1*14:68		
DRB1*08:01:01G+DRB1*14:02:01G	DRB1*08:04:01G+DRB1*14:85	DRB1*08:06+DRB1*14:03:01	
DRB1*08:01:01G+DRB1*14:15	DRB1*08:06+DRB1*08:09		
DRB1*08:01:01G+DRB1*14:17	DRB1*08:06+DRB1*14:30	DRB1*08:17+DRB1*14:80	
DRB1*08:01:01G+DRB1*14:23:01	DRB1*08:06+DRB1*14:14		
DRB1*08:01:01G+DRB1*14:25	DRB1*08:08+DRB1*13:49		
DRB1*08:01:01G+DRB1*14:28	DRB1*08:22+DRB1*14:68		
DRB1*08:01:01G+DRB1*14:29	DRB1*08:22+DRB1*14:02		
DRB1*08:01:01G+DRB1*14:30	DRB1*08:17+DRB1*14:09		
DRB1*08:01:01G+DRB1*14:32:02	DRB1*08:05+DRB1*14:55	DRB1*13:55+DRB1*14:31	
DRB1*08:01:01G+DRB1*14:35	DRB1*08:17+DRB1*14:01:01G		
DRB1*08:01:01G+DRB1*14:38	DRB1*13:55+DRB1*14:50		
DRB1*08:01:01G+DRB1*14:53	DRB1*08:08+DRB1*13:21:01G	DRB1*08:17+DRB1*14:25	
DRB1*08:01:01G+DRB1*14:67	DRB1*08:02:01G+DRB1*14:63	DRB1*08:03:02+DRB1*14:27	
DRB1*08:01:01G+DRB1*14:78	DRB1*08:06+DRB1*14:63		
DRB1*08:01:01G+DRB1*14:80	DRB1*08:06+DRB1*14:09		
DRB1*08:01:01G+DRB1*14:99	DRB1*08:22+DRB1*14:07:01G	DRB1*13:55+DRB1*14:28	
DRB1*08:01:01G+DRB1*15:01:01G	DRB1*08:03:02+DRB1*15:04	DRB1*08:06+DRB1*15:02:01	DRB1*08:10+DRB1*15:15
	DRB1*08:17+DRB1*15:07		
DRB1*08:01:01G+DRB1*15:01:03	DRB1*08:06+DRB1*15:02:06		
DRB1*08:01:01G+DRB1*15:01:04	DRB1*08:02:01G+DRB1*15:12	DRB1*08:06+DRB1*15:02:02G	
DRB1*08:01:01G+DRB1*15:01:09	DRB1*08:06+DRB1*15:02:04		
DRB1*08:01:01G+DRB1*15:01:10	DRB1*08:06+DRB1*15:02:08		
DRB1*08:01:01G+DRB1*15:02:01	DRB1*08:03:02+DRB1*15:15	DRB1*08:17+DRB1*15:11	
DRB1*08:01:01G+DRB1*15:04	DRB1*08:06+DRB1*15:15		
DRB1*08:01:01G+DRB1*15:05	DRB1*08:06+DRB1*15:31		
DRB1*08:01:01G+DRB1*15:07	DRB1*08:06+DRB1*15:11		
DRB1*08:01:01G+DRB1*15:09	DRB1*08:17+DRB1*15:48		
DRB1*08:01:01G+DRB1*15:16	DRB1*08:23+DRB1*15:04		
DRB1*08:01:01G+DRB1*15:27	DRB1*08:17+DRB1*15:34		
DRB1*08:01:01G+DRB1*15:35	DRB1*08:12+DRB1*15:15	DRB1*08:22+DRB1*15:02:01	
DRB1*08:01:01G+DRB1*16:01:02	DRB1*08:05+DRB1*16:04		
DRB1*08:01:01G+DRB1*16:05:01	DRB1*08:03:02+DRB1*16:01:01		
DRB1*08:01:01G+DRB1*16:09	DRB1*08:17+DRB1*16:01:01		
DRB1*08:01:01G+DRB1*16:10	DRB1*08:17+DRB1*16:02:01		
DRB1*08:01:01G+DRB1*16:15	DRB1*08:06+DRB1*16:01:01		
DRB1*08:01:04+DRB1*11:06:01	DRB1*08:22+DRB1*11:01:04		
DRB1*08:01:04+DRB1*11:18	DRB1*08:03:02+DRB1*11:04:05	DRB1*08:10+DRB1*11:01:04	
DRB1*08:01:04+DRB1*11:19:01	DRB1*08:03:02+DRB1*11:01:04		
DRB1*08:01:04+DRB1*11:24	DRB1*08:16+DRB1*11:01:04		
DRB1*08:02:01G+DRB1*08:10	DRB1*08:03:02+DRB1*08:04:01G	DRB1*08:06+DRB1*08:30:01	
DRB1*08:02:01G+DRB1*08:12	DRB1*08:22+DRB1*08:30:01		
DRB1*08:02:01G+DRB1*08:18	DRB1*08:03:02+DRB1*08:24	DRB1*08:05+DRB1*08:30:01	
DRB1*08:02:01G+DRB1*08:20	DRB1*08:04:01G+DRB1*13:47		
DRB1*08:02:01G+DRB1*08:31	DRB1*08:04:01G+DRB1*08:41		
DRB1*08:02:01G+DRB1*08:35	DRB1*08:03:02+DRB1*08:09		
DRB1*08:02:01G+DRB1*08:37	DRB1*08:17+DRB1*08:30:01		
DRB1*08:02:01G+DRB1*09:04	DRB1*08:13+DRB1*09:01:02		
DRB1*08:02:01G+DRB1*09:06	DRB1*08:04:01G+DRB1*09:01:02		
DRB1*08:02:01G+DRB1*10:02	DRB1*08:04:01G+DRB1*10:01:01		
DRB1*08:02:01G+DRB1*11:01:01G	DRB1*08:24+DRB1*11:23		
DRB1*08:02:01G+DRB1*11:02:01	DRB1*08:04:01G+DRB1*11:14:01G	DRB1*08:30:01+DRB1*11:03	
DRB1*08:02:01G+DRB1*11:03	DRB1*08:04:01G+DRB1*11:11:01G	DRB1*08:24+DRB1*11:55	
DRB1*08:02:01G+DRB1*11:04:01G	DRB1*08:04:01G+DRB1*11:01:01G	DRB1*08:24+DRB1*11:25	DRB1*08:28+DRB1*11:37
	DRB1*11:67+DRB1*13:07:01		
DRB1*08:02:01G+DRB1*11:04:03	DRB1*08:04:01G+DRB1*11:01:05		
DRB1*08:02:01G+DRB1*11:04:04	DRB1*08:04:01G+DRB1*11:01:12		
DRB1*08:02:01G+DRB1*11:04:05	DRB1*08:04:01G+DRB1*11:01:04		
DRB1*08:02:01G+DRB1*11:08:01G	DRB1*08:13+DRB1*11:01:01G	DRB1*08:24+DRB1*11:64	
DRB1*08:02:01G+DRB1*11:10:01G	DRB1*08:09+DRB1*11:01:01G		
DRB1*08:02:01G+DRB1*11:14:01G	DRB1*08:30:01+DRB1*11:11:01G		
DRB1*08:02:01G+DRB1*11:16	DRB1*08:04:01G+DRB1*11:20	DRB1*08:30:01+DRB1*11:40	DRB1*11:67+DRB1*13:36
DRB1*08:02:01G+DRB1*11:17	DRB1*13:47+DRB1*14:11		
DRB1*08:02:01G+DRB1*11:18	DRB1*08:04:01G+DRB1*11:19:01	DRB1*08:30:01+DRB1*11:04:01G	
DRB1*08:02:01G+DRB1*11:19:01	DRB1*08:24+DRB1*11:45	DRB1*08:30:01+DRB1*11:01:01G	
DRB1*08:02:01G+DRB1*11:19:02	DRB1*08:30:01+DRB1*11:01:03G		
DRB1*08:02:01G+DRB1*11:25	DRB1*08:04:01G+DRB1*11:23	DRB1*11:67+DRB1*13:47	
DRB1*08:02:01G+DRB1*11:31	DRB1*08:30:01+DRB1*11:96		
DRB1*08:02:01G+DRB1*11:34	DRB1*08:04:01G+DRB1*11:26		
DRB1*08:02:01G+DRB1*11:35	DRB1*08:04:01G+DRB1*11:33		
DRB1*08:02:01G+DRB1*11:36	DRB1*08:04:01G+DRB1*11:68	DRB1*08:13+DRB1*11:03	
DRB1*08:02:01G+DRB1*11:37	DRB1*08:41+DRB1*13:47		
DRB1*08:02:01G+DRB1*11:42	DRB1*08:04:01G+DRB1*11:08:01G	DRB1*08:13+DRB1*11:04:01G	
DRB1*08:02:01G+DRB1*11:43	DRB1*08:04:01G+DRB1*11:39		
DRB1*08:02:01G+DRB1*11:44	DRB1*08:04:01G+DRB1*11:49		
DRB1*08:02:01G+DRB1*11:45	DRB1*08:30:01+DRB1*11:23		
DRB1*08:02:01G+DRB1*11:48	DRB1*08:30:01+DRB1*11:41		
DRB1*08:02:01G+DRB1*11:56	DRB1*08:04:01G+DRB1*11:37	DRB1*08:20+DRB1*08:41	DRB1*08:31+DRB1*13:47
DRB1*08:02:01G+DRB1*11:57	DRB1*08:13+DRB1*11:06:01		
DRB1*08:02:01G+DRB1*11:58:01	DRB1*08:04:01G+DRB1*11:28:02		
DRB1*08:02:01G+DRB1*11:58:02	DRB1*08:04:01G+DRB1*11:28:01		

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DRB1*08:02:01G+DRB1*11:64	DRB1*08:13+DRB1*11:23		
DRB1*08:02:01G+DRB1*11:68	DRB1*08:13+DRB1*11:11:01G		
DRB1*08:02:01G+DRB1*11:73	DRB1*08:30:01+DRB1*11:93		
DRB1*08:02:01G+DRB1*11:82	DRB1*08:30:01+DRB1*11:69		
DRB1*08:02:01G+DRB1*11:84	DRB1*08:04:01G+DRB1*11:27:01		
DRB1*08:02:01G+DRB1*11:92	DRB1*08:04:01G+DRB1*11:72		
DRB1*08:02:01G+DRB1*12:01:01G	DRB1*08:30:01+DRB1*12:02:01		
DRB1*08:02:01G+DRB1*12:01:03	DRB1*08:30:01+DRB1*12:02:02		
DRB1*08:02:01G+DRB1*12:05	DRB1*08:30:01+DRB1*12:15		
DRB1*08:02:01G+DRB1*12:12	DRB1*08:13+DRB1*12:02:01		
DRB1*08:02:01G+DRB1*13:01:01G	DRB1*08:04:01G+DRB1*13:02:01	DRB1*08:04:02G+DRB1*13:02:04	DRB1*08:28+DRB1*13:36
DRB1*08:02:01G+DRB1*13:01:05	DRB1*08:04:01G+DRB1*13:02:03		
DRB1*08:02:01G+DRB1*13:02:01	DRB1*08:30:01+DRB1*13:63		
DRB1*08:02:01G+DRB1*13:06	DRB1*08:30:01+DRB1*13:42		
DRB1*08:02:01G+DRB1*13:07:01	DRB1*08:24+DRB1*13:47		
DRB1*08:02:01G+DRB1*13:08	DRB1*08:09+DRB1*13:70		
DRB1*08:02:01G+DRB1*13:11:01	DRB1*08:04:01G+DRB1*13:14:01G	DRB1*08:28+DRB1*13:07:01	
DRB1*08:02:01G+DRB1*13:11:02	DRB1*08:04:01G+DRB1*13:14:02	DRB1*08:28+DRB1*13:07:02	
DRB1*08:02:01G+DRB1*13:12	DRB1*08:03:02+DRB1*13:07:01	DRB1*08:18+DRB1*13:47	DRB1*08:24+DRB1*13:13
	DRB1*08:30:01+DRB1*13:49		
DRB1*08:02:01G+DRB1*13:13	DRB1*08:03:02+DRB1*13:47	DRB1*08:30:01+DRB1*13:55	
DRB1*08:02:01G+DRB1*13:15	DRB1*13:17+DRB1*14:27		
DRB1*08:02:01G+DRB1*13:20	DRB1*08:04:01G+DRB1*13:29		
DRB1*08:02:01G+DRB1*13:22	DRB1*08:04:01G+DRB1*13:23	DRB1*08:30:01+DRB1*13:24	DRB1*13:17+DRB1*13:47
DRB1*08:02:01G+DRB1*13:25	DRB1*08:13+DRB1*13:14:01G		
DRB1*08:02:01G+DRB1*13:27	DRB1*08:04:01G+DRB1*13:41		
DRB1*08:02:01G+DRB1*13:29	DRB1*08:13+DRB1*13:63		
DRB1*08:02:01G+DRB1*13:40	DRB1*08:04:01G+DRB1*13:36		
DRB1*08:02:01G+DRB1*13:42	DRB1*08:04:01G+DRB1*13:05:01G	DRB1*08:24+DRB1*13:18	
DRB1*08:02:01G+DRB1*13:43	DRB1*08:08+DRB1*13:20		
DRB1*08:02:01G+DRB1*13:45	DRB1*08:08+DRB1*13:23		
DRB1*08:02:01G+DRB1*13:52	DRB1*08:04:01G+DRB1*13:97		
DRB1*08:02:01G+DRB1*13:56	DRB1*08:13+DRB1*13:05:01G		
DRB1*08:02:01G+DRB1*13:58	DRB1*08:12+DRB1*13:07:01		
DRB1*08:02:01G+DRB1*13:66:01G	DRB1*08:17+DRB1*13:37		
DRB1*08:02:01G+DRB1*13:77	DRB1*08:25+DRB1*13:18		
DRB1*08:02:01G+DRB1*13:79	DRB1*08:04:01G+DRB1*13:39		
DRB1*08:02:01G+DRB1*13:81	DRB1*08:22+DRB1*13:37		
DRB1*08:02:01G+DRB1*13:82	DRB1*08:30:01+DRB1*13:14:01G		
DRB1*08:02:01G+DRB1*13:83	DRB1*08:09+DRB1*13:22	DRB1*13:23+DRB1*14:15	
DRB1*08:02:01G+DRB1*13:89	DRB1*08:04:01G+DRB1*13:03:01G	DRB1*08:06+DRB1*13:37	DRB1*08:20+DRB1*08:40
DRB1*08:02:01G+DRB1*13:94	DRB1*08:04:01G+DRB1*13:33:01		
DRB1*08:02:01G+DRB1*14:01:01G	DRB1*08:04:01G+DRB1*14:07:01G	DRB1*08:08+DRB1*14:23:01	DRB1*08:09+DRB1*14:58
	DRB1*08:11+DRB1*14:08	DRB1*08:20+DRB1*14:68	DRB1*13:47+DRB1*14:04
DRB1*08:02:01G+DRB1*14:02	DRB1*08:24+DRB1*14:89		
DRB1*08:02:01G+DRB1*14:03:01	DRB1*08:13+DRB1*14:27		
DRB1*08:02:01G+DRB1*14:04	DRB1*08:04:01G+DRB1*14:68		
DRB1*08:02:01G+DRB1*14:05:01	DRB1*08:04:01G+DRB1*14:44:01		
DRB1*08:02:01G+DRB1*14:05:03	DRB1*08:04:01G+DRB1*14:44:02		
DRB1*08:02:01G+DRB1*14:06:01G	DRB1*08:04:01G+DRB1*14:02	DRB1*13:47+DRB1*14:52	
DRB1*08:02:01G+DRB1*14:07:01G	DRB1*08:08+DRB1*14:14	DRB1*13:47+DRB1*14:68	
DRB1*08:02:01G+DRB1*14:02:01G	DRB1*08:04:01G+DRB1*14:03:01		
DRB1*08:02:01G+DRB1*14:15	DRB1*08:04:01G+DRB1*08:09		
DRB1*08:02:01G+DRB1*14:16	DRB1*08:08+DRB1*13:08		
DRB1*08:02:01G+DRB1*14:17	DRB1*08:04:01G+DRB1*14:30	DRB1*08:28+DRB1*14:09	
DRB1*08:02:01G+DRB1*14:22	DRB1*08:09+DRB1*14:25		
DRB1*08:02:01G+DRB1*14:23:01	DRB1*08:04:01G+DRB1*14:14		
DRB1*08:02:01G+DRB1*14:25	DRB1*08:08+DRB1*13:07:01		
DRB1*08:02:01G+DRB1*14:32:02	DRB1*08:11+DRB1*14:34	DRB1*08:24+DRB1*14:55	DRB1*13:47+DRB1*14:31
DRB1*08:02:01G+DRB1*14:35	DRB1*08:28+DRB1*14:07:01G		
DRB1*08:02:01G+DRB1*14:38	DRB1*13:47+DRB1*14:50		
DRB1*08:02:01G+DRB1*14:53	DRB1*08:08+DRB1*13:14:01G		
DRB1*08:02:01G+DRB1*14:67	DRB1*08:30:01+DRB1*14:27		
DRB1*08:02:01G+DRB1*14:69	DRB1*08:13+DRB1*14:25		
DRB1*08:02:01G+DRB1*14:74	DRB1*14:15+DRB1*14:69		
DRB1*08:02:01G+DRB1*14:78	DRB1*08:04:01G+DRB1*14:63	DRB1*08:06+DRB1*14:67	DRB1*08:10+DRB1*14:27
DRB1*08:02:01G+DRB1*14:80	DRB1*08:04:01G+DRB1*14:09		
DRB1*08:02:01G+DRB1*14:99	DRB1*13:47+DRB1*14:28		
DRB1*08:02:01G+DRB1*15:01:01G	DRB1*08:04:01G+DRB1*15:02:01	DRB1*08:28+DRB1*15:11	DRB1*08:30:01+DRB1*15:04
DRB1*08:02:01G+DRB1*15:01:03	DRB1*08:04:01G+DRB1*15:02:06		
DRB1*08:02:01G+DRB1*15:01:04	DRB1*08:04:01G+DRB1*15:02:02G		
DRB1*08:02:01G+DRB1*15:01:09	DRB1*08:04:01G+DRB1*15:02:04		
DRB1*08:02:01G+DRB1*15:01:10	DRB1*08:04:01G+DRB1*15:02:08		
DRB1*08:02:01G+DRB1*15:02:01	DRB1*08:30:01+DRB1*15:15		
DRB1*08:02:01G+DRB1*15:04	DRB1*08:04:01G+DRB1*15:15		
DRB1*08:02:01G+DRB1*15:05	DRB1*08:04:01G+DRB1*15:31	DRB1*08:13+DRB1*15:04	
DRB1*08:02:01G+DRB1*15:07	DRB1*08:04:01G+DRB1*15:11		
DRB1*08:02:01G+DRB1*15:10	DRB1*13:17+DRB1*16:04		
DRB1*08:02:01G+DRB1*15:29	DRB1*08:07+DRB1*15:02:01		
DRB1*08:02:01G+DRB1*15:31	DRB1*08:13+DRB1*15:15		
DRB1*08:02:01G+DRB1*16:01:02	DRB1*08:24+DRB1*16:04		
DRB1*08:02:01G+DRB1*16:02:01	DRB1*08:13+DRB1*16:01:01		
DRB1*08:02:01G+DRB1*16:02:02	DRB1*08:13+DRB1*16:01:02		
DRB1*08:02:01G+DRB1*16:05:01	DRB1*08:30:01+DRB1*16:01:01		
DRB1*08:02:01G+DRB1*16:10	DRB1*08:13+DRB1*16:09		
DRB1*08:02:01G+DRB1*16:15	DRB1*08:04:01G+DRB1*16:01:01		
DRB1*08:03:02+DRB1*08:20	DRB1*08:04:01G+DRB1*13:13	DRB1*08:10+DRB1*13:47	
DRB1*08:03:02+DRB1*08:28	DRB1*08:04:01G+DRB1*08:37		
DRB1*08:03:02+DRB1*08:31	DRB1*08:10+DRB1*08:41		
DRB1*08:03:02+DRB1*09:06	DRB1*08:10+DRB1*09:01:02		
DRB1*08:03:02+DRB1*10:02	DRB1*08:10+DRB1*10:01:01		
DRB1*08:03:02+DRB1*11:02:01	DRB1*08:10+DRB1*11:14:01G	DRB1*08:37+DRB1*11:48	
DRB1*08:03:02+DRB1*11:04:03	DRB1*08:10+DRB1*11:01:05		
DRB1*08:03:02+DRB1*11:04:04	DRB1*08:10+DRB1*11:01:12		
DRB1*08:03:02+DRB1*11:06:01	DRB1*08:12+DRB1*11:01:01G	DRB1*08:22+DRB1*11:19:01	
DRB1*08:03:02+DRB1*11:06:02	DRB1*08:12+DRB1*11:01:05		
DRB1*08:03:02+DRB1*11:08:01G	DRB1*08:18+DRB1*11:64		
DRB1*08:03:02+DRB1*11:09	DRB1*08:36+DRB1*11:28:02		
DRB1*08:03:02+DRB1*11:10:01G	DRB1*08:35+DRB1*11:01:01G	DRB1*08:36+DRB1*11:12:02	
DRB1*08:03:02+DRB1*11:16	DRB1*08:10+DRB1*11:20		
DRB1*08:03:02+DRB1*11:17	DRB1*13:13+DRB1*14:11		
DRB1*08:03:02+DRB1*11:18	DRB1*08:10+DRB1*11:19:01		
DRB1*08:03:02+DRB1*11:19:01	DRB1*08:18+DRB1*11:45		
DRB1*08:03:02+DRB1*11:21	DRB1*08:12+DRB1*11:14:01G		
DRB1*08:03:02+DRB1*11:24	DRB1*08:16+DRB1*11:19:01		

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DRB1*08:03:02+DRB1*11:25	DRB1*08:06+DRB1*11:45	DRB1*08:10+DRB1*11:23	DRB1*11:67+DRB1*13:13
DRB1*08:03:02+DRB1*11:34	DRB1*08:10+DRB1*11:26		
DRB1*08:03:02+DRB1*11:35	DRB1*08:10+DRB1*11:33		
DRB1*08:03:02+DRB1*11:36	DRB1*08:10+DRB1*11:68		
DRB1*08:03:02+DRB1*11:37	DRB1*08:41+DRB1*13:13		
DRB1*08:03:02+DRB1*11:42	DRB1*08:10+DRB1*11:08:01G		
DRB1*08:03:02+DRB1*11:43	DRB1*08:10+DRB1*11:39		
DRB1*08:03:02+DRB1*11:44	DRB1*08:10+DRB1*11:49		
DRB1*08:03:02+DRB1*11:46	DRB1*08:36+DRB1*11:04:04		
DRB1*08:03:02+DRB1*11:47	DRB1*08:12+DRB1*11:29		
DRB1*08:03:02+DRB1*11:54:02	DRB1*08:29+DRB1*11:25		
DRB1*08:03:02+DRB1*11:56	DRB1*08:10+DRB1*11:37	DRB1*08:31+DRB1*13:13	
DRB1*08:03:02+DRB1*11:57	DRB1*08:12+DRB1*11:08:01G		
DRB1*08:03:02+DRB1*11:58:01	DRB1*08:10+DRB1*11:28:02		
DRB1*08:03:02+DRB1*11:58:02	DRB1*08:10+DRB1*11:28:01		
DRB1*08:03:02+DRB1*11:62	DRB1*08:36+DRB1*11:01:01G		
DRB1*08:03:02+DRB1*11:73	DRB1*08:40+DRB1*11:45		
DRB1*08:03:02+DRB1*11:84	DRB1*08:10+DRB1*11:27:01		
DRB1*08:03:02+DRB1*11:92	DRB1*08:10+DRB1*11:72		
DRB1*08:03:02+DRB1*12:13	DRB1*08:26+DRB1*12:01:01G		
DRB1*08:03:02+DRB1*13:01:01G	DRB1*08:10+DRB1*13:02:01	DRB1*08:30:01+DRB1*13:93	DRB1*08:36+DRB1*13:69
	DRB1*08:37+DRB1*13:40		
DRB1*08:03:02+DRB1*13:01:05	DRB1*08:10+DRB1*13:02:03		
DRB1*08:03:02+DRB1*13:01:06	DRB1*08:30:02+DRB1*13:93		
DRB1*08:03:02+DRB1*13:02:01	DRB1*08:37+DRB1*13:36		
DRB1*08:03:02+DRB1*13:03:01G	DRB1*08:40+DRB1*13:13		
DRB1*08:03:02+DRB1*13:04	DRB1*08:37+DRB1*13:48		
DRB1*08:03:02+DRB1*13:05:01G	DRB1*08:36+DRB1*13:50:02		
DRB1*08:03:02+DRB1*13:08	DRB1*08:35+DRB1*13:70		
DRB1*08:03:02+DRB1*13:11:01	DRB1*08:04:01G+DRB1*13:30	DRB1*08:06+DRB1*13:82	DRB1*08:10+DRB1*13:14:01G
	DRB1*08:28+DRB1*13:12		
DRB1*08:03:02+DRB1*13:11:02	DRB1*08:10+DRB1*13:14:02		
DRB1*08:03:02+DRB1*13:12	DRB1*08:18+DRB1*13:13		
DRB1*08:03:02+DRB1*13:14:02	DRB1*08:37+DRB1*13:07:02		
DRB1*08:03:02+DRB1*13:15	DRB1*08:37+DRB1*13:53	DRB1*13:17+DRB1*14:63	
DRB1*08:03:02+DRB1*13:20	DRB1*08:10+DRB1*13:29	DRB1*08:13+DRB1*13:93	
DRB1*08:03:02+DRB1*13:22	DRB1*08:10+DRB1*13:23	DRB1*08:30:01+DRB1*13:04	DRB1*08:37+DRB1*13:70
	DRB1*13:13+DRB1*13:17		
DRB1*08:03:02+DRB1*13:25	DRB1*08:13+DRB1*13:30		
DRB1*08:03:02+DRB1*13:27	DRB1*08:10+DRB1*13:41		
DRB1*08:03:02+DRB1*13:30	DRB1*08:37+DRB1*13:12		
DRB1*08:03:02+DRB1*13:32	DRB1*08:10+DRB1*13:65		
DRB1*08:03:02+DRB1*13:36	DRB1*08:30:01+DRB1*13:65		
DRB1*08:03:02+DRB1*13:37	DRB1*08:30:01+DRB1*13:03:01G		
DRB1*08:03:02+DRB1*13:40	DRB1*08:10+DRB1*13:36	DRB1*08:30:01+DRB1*13:32	
DRB1*08:03:02+DRB1*13:48	DRB1*08:10+DRB1*13:38		
DRB1*08:03:02+DRB1*13:52	DRB1*08:10+DRB1*13:97		
DRB1*08:03:02+DRB1*13:54	DRB1*08:34+DRB1*13:75		
DRB1*08:03:02+DRB1*13:57	DRB1*08:37+DRB1*13:19		
DRB1*08:03:02+DRB1*13:58	DRB1*08:12+DRB1*13:12		
DRB1*08:03:02+DRB1*13:66:01G	DRB1*08:37+DRB1*13:03:01G		
DRB1*08:03:02+DRB1*13:70	DRB1*08:30:01+DRB1*13:48		
DRB1*08:03:02+DRB1*13:79	DRB1*08:10+DRB1*13:39		
DRB1*08:03:02+DRB1*13:80	DRB1*08:33+DRB1*13:01:01G		
DRB1*08:03:02+DRB1*13:81	DRB1*08:12+DRB1*13:03:01G		
DRB1*08:03:02+DRB1*13:82	DRB1*08:30:01+DRB1*13:30		
DRB1*08:03:02+DRB1*13:83	DRB1*08:35+DRB1*13:22	DRB1*08:37+DRB1*13:08	
DRB1*08:03:02+DRB1*13:85	DRB1*08:40+DRB1*14:67		
DRB1*08:03:02+DRB1*13:89	DRB1*08:10+DRB1*13:03:01G		
DRB1*08:03:02+DRB1*13:93	DRB1*08:37+DRB1*13:32		
DRB1*08:03:02+DRB1*13:94	DRB1*08:10+DRB1*13:33:01		
DRB1*08:03:02+DRB1*13:100	DRB1*08:34+DRB1*13:21:01G		
DRB1*08:03:02+DRB1*14:01:01G	DRB1*08:10+DRB1*14:07:01G	DRB1*08:29+DRB1*14:55	DRB1*08:35+DRB1*14:58
	DRB1*13:13+DRB1*14:04		
DRB1*08:03:02+DRB1*14:02	DRB1*08:18+DRB1*14:89	DRB1*08:30:01+DRB1*14:13	
DRB1*08:03:02+DRB1*14:03:01	DRB1*08:13+DRB1*14:63	DRB1*08:30:01+DRB1*14:85	
DRB1*08:03:02+DRB1*14:04	DRB1*08:10+DRB1*14:68		
DRB1*08:03:02+DRB1*14:05:01	DRB1*08:10+DRB1*14:44:01		
DRB1*08:03:02+DRB1*14:05:03	DRB1*08:10+DRB1*14:44:02		
DRB1*08:03:02+DRB1*14:06:01G	DRB1*08:10+DRB1*14:02	DRB1*13:13+DRB1*14:52	
DRB1*08:03:02+DRB1*14:07:01G	DRB1*13:13+DRB1*14:68		
DRB1*08:03:02+DRB1*14:02:01G	DRB1*08:10+DRB1*14:03:01	DRB1*08:13+DRB1*14:78	
DRB1*08:03:02+DRB1*14:15	DRB1*08:04:01G+DRB1*08:35	DRB1*08:09+DRB1*08:10	
DRB1*08:03:02+DRB1*14:17	DRB1*08:10+DRB1*14:30	DRB1*08:37+DRB1*14:80	
DRB1*08:03:02+DRB1*14:19	DRB1*08:40+DRB1*14:89		
DRB1*08:03:02+DRB1*14:22	DRB1*08:35+DRB1*14:25		
DRB1*08:03:02+DRB1*14:23:01	DRB1*08:10+DRB1*14:14		
DRB1*08:03:02+DRB1*14:25	DRB1*08:08+DRB1*13:12		
DRB1*08:03:02+DRB1*14:28	DRB1*08:12+DRB1*14:68		
DRB1*08:03:02+DRB1*14:29	DRB1*08:12+DRB1*14:02		
DRB1*08:03:02+DRB1*14:30	DRB1*08:37+DRB1*14:09		
DRB1*08:03:02+DRB1*14:32:02	DRB1*08:18+DRB1*14:55	DRB1*13:13+DRB1*14:31	
DRB1*08:03:02+DRB1*14:35	DRB1*08:37+DRB1*14:01:01G		
DRB1*08:03:02+DRB1*14:38	DRB1*13:13+DRB1*14:50		
DRB1*08:03:02+DRB1*14:48	DRB1*08:34+DRB1*14:13		
DRB1*08:03:02+DRB1*14:51	DRB1*08:29+DRB1*14:89		
DRB1*08:03:02+DRB1*14:53	DRB1*08:08+DRB1*13:30	DRB1*08:37+DRB1*14:25	
DRB1*08:03:02+DRB1*14:60	DRB1*08:23+DRB1*14:01:01G		
DRB1*08:03:02+DRB1*14:67	DRB1*08:30:01+DRB1*14:63		
DRB1*08:03:02+DRB1*14:78	DRB1*08:10+DRB1*14:63		
DRB1*08:03:02+DRB1*14:80	DRB1*08:10+DRB1*14:09		
DRB1*08:03:02+DRB1*14:99	DRB1*08:12+DRB1*14:07:01G	DRB1*13:13+DRB1*14:28	
DRB1*08:03:02+DRB1*15:01:01G	DRB1*08:10+DRB1*15:02:01	DRB1*08:37+DRB1*15:07	
DRB1*08:03:02+DRB1*15:01:03	DRB1*08:10+DRB1*15:02:06		
DRB1*08:03:02+DRB1*15:01:04	DRB1*08:10+DRB1*15:02:02G	DRB1*08:30:01+DRB1*15:12	
DRB1*08:03:02+DRB1*15:01:09	DRB1*08:10+DRB1*15:02:04		
DRB1*08:03:02+DRB1*15:01:10	DRB1*08:10+DRB1*15:02:08		
DRB1*08:03:02+DRB1*15:02:01	DRB1*08:37+DRB1*15:11		
DRB1*08:03:02+DRB1*15:05	DRB1*08:10+DRB1*15:31		
DRB1*08:03:02+DRB1*15:07	DRB1*08:10+DRB1*15:11		
DRB1*08:03:02+DRB1*15:09	DRB1*08:37+DRB1*15:48		
DRB1*08:03:02+DRB1*15:16	DRB1*08:23+DRB1*15:01:01G		
DRB1*08:03:02+DRB1*15:27	DRB1*08:37+DRB1*15:34		
DRB1*08:03:02+DRB1*15:35	DRB1*08:12+DRB1*15:02:01		
DRB1*08:03:02+DRB1*16:01:02	DRB1*08:18+DRB1*16:04		

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DRB1*08:03:02+DRB1*16:09	DRB1*08:17+DRB1*16:05:01	DRB1*08:37+DRB1*16:01:01	
DRB1*08:03:02+DRB1*16:10	DRB1*08:37+DRB1*16:02:01		
DRB1*08:03:02+DRB1*16:15	DRB1*08:06+DRB1*16:05:01	DRB1*08:10+DRB1*16:01:01	
DRB1*08:04:01G+DRB1*08:05	DRB1*08:06+DRB1*08:24		
DRB1*08:04:01G+DRB1*08:18	DRB1*08:10+DRB1*08:24		
DRB1*08:04:01G+DRB1*09:04	DRB1*08:13+DRB1*09:06		
DRB1*08:04:01G+DRB1*11:02:01	DRB1*08:28+DRB1*11:48	DRB1*11:67+DRB1*13:70	
DRB1*08:04:01G+DRB1*11:03	DRB1*08:28+DRB1*11:41		
DRB1*08:04:01G+DRB1*11:04:01G	DRB1*08:28+DRB1*11:56		
DRB1*08:04:01G+DRB1*11:09	DRB1*08:41+DRB1*13:18		
DRB1*08:04:01G+DRB1*11:10:01G	DRB1*08:09+DRB1*11:04:01G	DRB1*11:01:01G+DRB1*14:15	
DRB1*08:04:01G+DRB1*11:16	DRB1*11:67+DRB1*13:40		
DRB1*08:04:01G+DRB1*11:17	DRB1*08:20+DRB1*14:11		
DRB1*08:04:01G+DRB1*11:25	DRB1*08:20+DRB1*11:67		
DRB1*08:04:01G+DRB1*11:45	DRB1*08:30:01+DRB1*11:25		
DRB1*08:04:01G+DRB1*11:56	DRB1*08:20+DRB1*08:31		
DRB1*08:04:01G+DRB1*11:64	DRB1*08:13+DRB1*11:25		
DRB1*08:04:01G+DRB1*11:73	DRB1*11:67+DRB1*13:37		
DRB1*08:04:01G+DRB1*12:02:01	DRB1*08:28+DRB1*12:21		
DRB1*08:04:01G+DRB1*13:01:01G	DRB1*08:28+DRB1*13:40		
DRB1*08:04:01G+DRB1*13:04	DRB1*08:06+DRB1*13:22	DRB1*08:10+DRB1*13:24	DRB1*08:28+DRB1*13:48
DRB1*08:04:01G+DRB1*13:07:01	DRB1*08:20+DRB1*08:24		
DRB1*08:04:01G+DRB1*13:08	DRB1*13:70+DRB1*14:15		
DRB1*08:04:01G+DRB1*13:12	DRB1*08:10+DRB1*13:07:01	DRB1*08:18+DRB1*08:20	
DRB1*08:04:01G+DRB1*13:15	DRB1*08:28+DRB1*13:53		
DRB1*08:04:01G+DRB1*13:22	DRB1*08:20+DRB1*13:17	DRB1*08:28+DRB1*13:70	
DRB1*08:04:01G+DRB1*13:25	DRB1*08:13+DRB1*13:11:01		
DRB1*08:04:01G+DRB1*13:32	DRB1*08:06+DRB1*13:40		
DRB1*08:04:01G+DRB1*13:45	DRB1*08:08+DRB1*13:22		
DRB1*08:04:01G+DRB1*13:48	DRB1*08:06+DRB1*13:70		
DRB1*08:04:01G+DRB1*13:49	DRB1*08:05+DRB1*08:20	DRB1*08:06+DRB1*13:07:01	
DRB1*08:04:01G+DRB1*13:56	DRB1*08:13+DRB1*13:42		
DRB1*08:04:01G+DRB1*13:57	DRB1*08:28+DRB1*13:19		
DRB1*08:04:01G+DRB1*13:66:01G	DRB1*08:28+DRB1*13:03:01G		
DRB1*08:04:01G+DRB1*13:75	DRB1*08:06+DRB1*13:24		
DRB1*08:04:01G+DRB1*13:82	DRB1*08:30:01+DRB1*13:11:01		
DRB1*08:04:01G+DRB1*13:83	DRB1*08:28+DRB1*13:08	DRB1*13:22+DRB1*14:15	
DRB1*08:04:01G+DRB1*13:93	DRB1*08:06+DRB1*13:01:01G	DRB1*08:28+DRB1*13:32	
DRB1*08:04:01G+DRB1*14:01:01G	DRB1*08:20+DRB1*14:04	DRB1*14:15+DRB1*14:58	
DRB1*08:04:01G+DRB1*14:06:01G	DRB1*08:20+DRB1*14:52		
DRB1*08:04:01G+DRB1*14:17	DRB1*08:28+DRB1*14:80		
DRB1*08:04:01G+DRB1*14:22	DRB1*14:15+DRB1*14:25		
DRB1*08:04:01G+DRB1*14:32:02	DRB1*08:20+DRB1*14:31		
DRB1*08:04:01G+DRB1*14:35	DRB1*08:28+DRB1*14:01:01G		
DRB1*08:04:01G+DRB1*14:38	DRB1*08:20+DRB1*14:50		
DRB1*08:04:01G+DRB1*14:49	DRB1*08:08+DRB1*14:20		
DRB1*08:04:01G+DRB1*14:53	DRB1*08:08+DRB1*13:11:01	DRB1*08:28+DRB1*14:25	
DRB1*08:04:01G+DRB1*14:99	DRB1*08:20+DRB1*14:28		
DRB1*08:04:01G+DRB1*15:01:01G	DRB1*08:28+DRB1*15:07		
DRB1*08:04:01G+DRB1*15:09	DRB1*08:28+DRB1*15:48		
DRB1*08:04:01G+DRB1*15:12	DRB1*08:06+DRB1*15:01:04		
DRB1*08:04:01G+DRB1*15:27	DRB1*08:28+DRB1*15:34		
DRB1*08:04:01G+DRB1*15:29	DRB1*08:07+DRB1*15:01:01G		
DRB1*08:04:01G+DRB1*16:02:01	DRB1*08:13+DRB1*16:15		
DRB1*08:04:01G+DRB1*16:05:01	DRB1*08:30:01+DRB1*16:15		
DRB1*08:04:01G+DRB1*16:09	DRB1*08:28+DRB1*16:01:01		
DRB1*08:04:01G+DRB1*16:10	DRB1*08:28+DRB1*16:02:01		
DRB1*08:05+DRB1*08:10	DRB1*08:06+DRB1*08:18		
DRB1*08:05+DRB1*08:12	DRB1*08:18+DRB1*08:22		
DRB1*08:05+DRB1*08:37	DRB1*08:17+DRB1*08:18		
DRB1*08:05+DRB1*11:01:01G	DRB1*08:41+DRB1*13:21:01G		
DRB1*08:05+DRB1*11:02:01	DRB1*08:18+DRB1*11:03	DRB1*08:41+DRB1*13:04	
DRB1*08:05+DRB1*11:03	DRB1*08:41+DRB1*13:75		
DRB1*08:05+DRB1*11:04:01G	DRB1*08:31+DRB1*13:21:01G		
DRB1*08:05+DRB1*11:13:01G	DRB1*08:41+DRB1*14:65		
DRB1*08:05+DRB1*11:14:01G	DRB1*08:18+DRB1*11:11:01G		
DRB1*08:05+DRB1*11:16	DRB1*08:18+DRB1*11:40	DRB1*08:41+DRB1*13:93	
DRB1*08:05+DRB1*11:17	DRB1*13:49+DRB1*14:11		
DRB1*08:05+DRB1*11:18	DRB1*08:18+DRB1*11:04:01G	DRB1*08:31+DRB1*13:30	
DRB1*08:05+DRB1*11:19:01	DRB1*08:18+DRB1*11:01:01G	DRB1*08:41+DRB1*13:30	
DRB1*08:05+DRB1*11:19:02	DRB1*08:18+DRB1*11:01:03G		
DRB1*08:05+DRB1*11:31	DRB1*08:18+DRB1*11:96		
DRB1*08:05+DRB1*11:37	DRB1*08:41+DRB1*13:49		
DRB1*08:05+DRB1*11:48	DRB1*08:18+DRB1*11:41	DRB1*08:31+DRB1*13:38	DRB1*08:41+DRB1*13:48
DRB1*08:05+DRB1*11:56	DRB1*08:31+DRB1*13:49		
DRB1*08:05+DRB1*11:67	DRB1*08:17+DRB1*08:31		
DRB1*08:05+DRB1*11:73	DRB1*08:18+DRB1*11:93	DRB1*08:40+DRB1*11:01:01G	DRB1*08:41+DRB1*13:66:01G
DRB1*08:05+DRB1*11:82	DRB1*08:18+DRB1*11:69		
DRB1*08:05+DRB1*12:01:01G	DRB1*08:18+DRB1*12:02:01		
DRB1*08:05+DRB1*12:01:03	DRB1*08:18+DRB1*12:02:02		
DRB1*08:05+DRB1*12:05	DRB1*08:18+DRB1*12:15		
DRB1*08:05+DRB1*13:01:01G	DRB1*08:24+DRB1*13:93		
DRB1*08:05+DRB1*13:02:01	DRB1*08:18+DRB1*13:63		
DRB1*08:05+DRB1*13:03:01G	DRB1*08:40+DRB1*13:49		
DRB1*08:05+DRB1*13:04	DRB1*08:18+DRB1*13:75		
DRB1*08:05+DRB1*13:06	DRB1*08:18+DRB1*13:42		
DRB1*08:05+DRB1*13:07:01	DRB1*08:24+DRB1*13:49		
DRB1*08:05+DRB1*13:10	DRB1*08:40+DRB1*13:42		
DRB1*08:05+DRB1*13:12	DRB1*08:18+DRB1*13:49		
DRB1*08:05+DRB1*13:14:01G	DRB1*08:24+DRB1*13:21:01G		
DRB1*08:05+DRB1*13:22	DRB1*08:18+DRB1*13:24	DRB1*08:24+DRB1*13:04	DRB1*13:17+DRB1*13:49
DRB1*08:05+DRB1*13:24	DRB1*08:24+DRB1*13:75		
DRB1*08:05+DRB1*13:30	DRB1*08:18+DRB1*13:21:01G		
DRB1*08:05+DRB1*13:36	DRB1*08:24+DRB1*13:65		
DRB1*08:05+DRB1*13:37	DRB1*08:24+DRB1*13:03:01G	DRB1*08:40+DRB1*13:07:01	
DRB1*08:05+DRB1*13:40	DRB1*08:24+DRB1*13:32		
DRB1*08:05+DRB1*13:66:01G	DRB1*08:40+DRB1*13:21:01G		
DRB1*08:05+DRB1*13:70	DRB1*08:24+DRB1*13:48		
DRB1*08:05+DRB1*13:82	DRB1*08:18+DRB1*13:14:01G	DRB1*08:24+DRB1*13:30	
DRB1*08:05+DRB1*14:01:01G	DRB1*13:49+DRB1*14:04		
DRB1*08:05+DRB1*14:02	DRB1*08:24+DRB1*14:13		
DRB1*08:05+DRB1*14:03:01	DRB1*08:24+DRB1*14:85		
DRB1*08:05+DRB1*14:06:01G	DRB1*13:49+DRB1*14:52		
DRB1*08:05+DRB1*14:07:01G	DRB1*13:49+DRB1*14:68		
DRB1*08:05+DRB1*14:32:02	DRB1*13:49+DRB1*14:31		

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DRB1*08:05+DRB1*14:35	DRB1*13:21:01G+DRB1*14:04		
DRB1*08:05+DRB1*14:38	DRB1*13:49+DRB1*14:50		
DRB1*08:05+DRB1*14:67	DRB1*08:18+DRB1*14:27	DRB1*08:24+DRB1*14:63	
DRB1*08:05+DRB1*14:99	DRB1*13:49+DRB1*14:28		
DRB1*08:05+DRB1*15:01:01G	DRB1*08:18+DRB1*15:04		
DRB1*08:05+DRB1*15:01:04	DRB1*08:24+DRB1*15:12		
DRB1*08:05+DRB1*15:02:01	DRB1*08:18+DRB1*15:15		
DRB1*08:05+DRB1*16:05:01	DRB1*08:18+DRB1*16:01:01		
DRB1*08:06+DRB1*08:12	DRB1*08:10+DRB1*08:22		
DRB1*08:06+DRB1*08:37	DRB1*08:10+DRB1*08:17		
DRB1*08:06+DRB1*11:02:01	DRB1*08:10+DRB1*11:03	DRB1*11:67+DRB1*13:48	
DRB1*08:06+DRB1*11:06:01	DRB1*08:22+DRB1*11:04:01G		
DRB1*08:06+DRB1*11:06:02	DRB1*08:22+DRB1*11:04:03		
DRB1*08:06+DRB1*11:16	DRB1*08:10+DRB1*11:40	DRB1*11:67+DRB1*13:32	
DRB1*08:06+DRB1*11:18	DRB1*08:10+DRB1*11:04:01G		
DRB1*08:06+DRB1*11:19:02	DRB1*08:10+DRB1*11:01:03G		
DRB1*08:06+DRB1*11:21	DRB1*08:12+DRB1*11:03	DRB1*08:22+DRB1*11:02:01	
DRB1*08:06+DRB1*11:24	DRB1*08:16+DRB1*11:04:01G		
DRB1*08:06+DRB1*11:31	DRB1*08:10+DRB1*11:96		
DRB1*08:06+DRB1*11:48	DRB1*08:10+DRB1*11:41		
DRB1*08:06+DRB1*11:57	DRB1*08:22+DRB1*11:42		
DRB1*08:06+DRB1*11:73	DRB1*08:10+DRB1*11:93	DRB1*08:40+DRB1*11:25	DRB1*11:67+DRB1*13:03:01G
DRB1*08:06+DRB1*11:82	DRB1*08:10+DRB1*11:69		
DRB1*08:06+DRB1*11:87	DRB1*08:17+DRB1*11:83		
DRB1*08:06+DRB1*12:01:01G	DRB1*08:10+DRB1*12:02:01	DRB1*08:12+DRB1*12:19	
DRB1*08:06+DRB1*12:01:03	DRB1*08:10+DRB1*12:02:02	DRB1*08:22+DRB1*12:03:02	
DRB1*08:06+DRB1*12:02:01	DRB1*08:22+DRB1*12:19		
DRB1*08:06+DRB1*12:05	DRB1*08:10+DRB1*12:15		
DRB1*08:06+DRB1*13:04	DRB1*08:10+DRB1*13:75		
DRB1*08:06+DRB1*13:06	DRB1*08:10+DRB1*13:42		
DRB1*08:06+DRB1*13:08	DRB1*13:48+DRB1*14:15		
DRB1*08:06+DRB1*13:12	DRB1*08:10+DRB1*13:49		
DRB1*08:06+DRB1*13:13	DRB1*08:10+DRB1*13:55		
DRB1*08:06+DRB1*13:30	DRB1*08:10+DRB1*13:21:01G		
DRB1*08:06+DRB1*13:45	DRB1*08:08+DRB1*13:04		
DRB1*08:06+DRB1*13:66:01G	DRB1*08:17+DRB1*13:89		
DRB1*08:06+DRB1*13:73	DRB1*08:26+DRB1*13:01:01G		
DRB1*08:06+DRB1*13:81	DRB1*08:22+DRB1*13:89		
DRB1*08:06+DRB1*13:83	DRB1*13:04+DRB1*14:15		
DRB1*08:06+DRB1*14:28	DRB1*08:22+DRB1*14:04		
DRB1*08:06+DRB1*14:29	DRB1*08:22+DRB1*14:06:01G		
DRB1*08:06+DRB1*14:99	DRB1*08:22+DRB1*14:01:01G		
DRB1*08:06+DRB1*15:01:01G	DRB1*08:10+DRB1*15:04		
DRB1*08:06+DRB1*15:35	DRB1*08:12+DRB1*15:04	DRB1*08:22+DRB1*15:01:01G	
DRB1*08:06+DRB1*16:09	DRB1*08:17+DRB1*16:15		
DRB1*08:08+DRB1*08:30:01	DRB1*08:11+DRB1*08:15		
DRB1*08:08+DRB1*11:04:01G	DRB1*11:67+DRB1*14:25		
DRB1*08:08+DRB1*11:13:01G	DRB1*11:23+DRB1*14:31		
DRB1*08:08+DRB1*11:42	DRB1*11:67+DRB1*14:69		
DRB1*08:08+DRB1*13:25	DRB1*08:13+DRB1*14:53		
DRB1*08:08+DRB1*13:58	DRB1*08:12+DRB1*14:25		
DRB1*08:08+DRB1*13:82	DRB1*08:30:01+DRB1*14:53		
DRB1*08:08+DRB1*13:83	DRB1*13:45+DRB1*14:15		
DRB1*08:08+DRB1*14:65	DRB1*08:17+DRB1*14:32:02		
DRB1*08:09+DRB1*08:18	DRB1*08:24+DRB1*08:35		
DRB1*08:09+DRB1*08:20	DRB1*13:47+DRB1*14:15		
DRB1*08:09+DRB1*08:31	DRB1*08:41+DRB1*14:15		
DRB1*08:09+DRB1*09:06	DRB1*09:01:02+DRB1*14:15		
DRB1*08:09+DRB1*10:02	DRB1*10:01:01+DRB1*14:15		
DRB1*08:09+DRB1*11:02:01	DRB1*11:14:01G+DRB1*14:15		
DRB1*08:09+DRB1*11:03	DRB1*11:11:01G+DRB1*14:15		
DRB1*08:09+DRB1*11:04:03	DRB1*11:01:05+DRB1*14:15		
DRB1*08:09+DRB1*11:04:04	DRB1*11:01:12+DRB1*14:15		
DRB1*08:09+DRB1*11:04:05	DRB1*11:01:04+DRB1*14:15		
DRB1*08:09+DRB1*11:08:01G	DRB1*08:13+DRB1*11:10:01G		
DRB1*08:09+DRB1*11:16	DRB1*11:20+DRB1*14:15		
DRB1*08:09+DRB1*11:18	DRB1*11:19:01+DRB1*14:15		
DRB1*08:09+DRB1*11:19:01	DRB1*08:30:01+DRB1*11:10:01G		
DRB1*08:09+DRB1*11:25	DRB1*11:23+DRB1*14:15		
DRB1*08:09+DRB1*11:34	DRB1*11:26+DRB1*14:15		
DRB1*08:09+DRB1*11:35	DRB1*11:33+DRB1*14:15		
DRB1*08:09+DRB1*11:36	DRB1*11:68+DRB1*14:15		
DRB1*08:09+DRB1*11:42	DRB1*11:08:01G+DRB1*14:15		
DRB1*08:09+DRB1*11:43	DRB1*11:39+DRB1*14:15		
DRB1*08:09+DRB1*11:44	DRB1*11:49+DRB1*14:15		
DRB1*08:09+DRB1*11:56	DRB1*11:37+DRB1*14:15		
DRB1*08:09+DRB1*11:58:01	DRB1*11:28:02+DRB1*14:15		
DRB1*08:09+DRB1*11:58:02	DRB1*11:28:01+DRB1*14:15		
DRB1*08:09+DRB1*11:84	DRB1*11:27:01+DRB1*14:15		
DRB1*08:09+DRB1*11:92	DRB1*11:72+DRB1*14:15		
DRB1*08:09+DRB1*13:01:01G	DRB1*13:02:01+DRB1*14:15		
DRB1*08:09+DRB1*13:01:05	DRB1*13:02:03+DRB1*14:15		
DRB1*08:09+DRB1*13:11:01	DRB1*13:14:01G+DRB1*14:15		
DRB1*08:09+DRB1*13:11:02	DRB1*13:14:02+DRB1*14:15		
DRB1*08:09+DRB1*13:12	DRB1*08:35+DRB1*13:07:01		
DRB1*08:09+DRB1*13:13	DRB1*08:35+DRB1*13:47		
DRB1*08:09+DRB1*13:20	DRB1*13:29+DRB1*14:15		
DRB1*08:09+DRB1*13:27	DRB1*13:41+DRB1*14:15		
DRB1*08:09+DRB1*13:30	DRB1*08:35+DRB1*13:14:01G		
DRB1*08:09+DRB1*13:32	DRB1*13:65+DRB1*14:15		
DRB1*08:09+DRB1*13:40	DRB1*13:36+DRB1*14:15		
DRB1*08:09+DRB1*13:42	DRB1*13:05:01G+DRB1*14:15		
DRB1*08:09+DRB1*13:52	DRB1*13:97+DRB1*14:15		
DRB1*08:09+DRB1*13:79	DRB1*13:39+DRB1*14:15		
DRB1*08:09+DRB1*13:89	DRB1*13:03:01G+DRB1*14:15		
DRB1*08:09+DRB1*13:94	DRB1*13:33:01+DRB1*14:15		
DRB1*08:09+DRB1*13:103	DRB1*08:21+DRB1*13:02:01		
DRB1*08:09+DRB1*14:01:01G	DRB1*14:07:01G+DRB1*14:15		
DRB1*08:09+DRB1*14:04	DRB1*14:15+DRB1*14:68		
DRB1*08:09+DRB1*14:05:01	DRB1*14:15+DRB1*14:44:01		
DRB1*08:09+DRB1*14:05:03	DRB1*14:15+DRB1*14:44:02		
DRB1*08:09+DRB1*14:06:01G	DRB1*14:02+DRB1*14:15		
DRB1*08:09+DRB1*14:02:01G	DRB1*14:03:01+DRB1*14:15		
DRB1*08:09+DRB1*14:17	DRB1*14:15+DRB1*14:30		
DRB1*08:09+DRB1*14:23:01	DRB1*14:14+DRB1*14:15		

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DRB1*08:09+DRB1*14:63	DRB1*08:35+DRB1*14:27		
DRB1*08:09+DRB1*14:69	DRB1*08:13+DRB1*14:22		
DRB1*08:09+DRB1*14:78	DRB1*14:15+DRB1*14:63		
DRB1*08:09+DRB1*14:80	DRB1*14:09+DRB1*14:15		
DRB1*08:09+DRB1*15:01:01G	DRB1*14:15+DRB1*15:02:01		
DRB1*08:09+DRB1*15:01:03	DRB1*14:15+DRB1*15:02:06		
DRB1*08:09+DRB1*15:01:04	DRB1*14:15+DRB1*15:02:02G		
DRB1*08:09+DRB1*15:01:09	DRB1*14:15+DRB1*15:02:04		
DRB1*08:09+DRB1*15:01:10	DRB1*14:15+DRB1*15:02:08		
DRB1*08:09+DRB1*15:04	DRB1*14:15+DRB1*15:15		
DRB1*08:09+DRB1*15:05	DRB1*14:15+DRB1*15:31		
DRB1*08:09+DRB1*15:07	DRB1*14:15+DRB1*15:11		
DRB1*08:09+DRB1*16:15	DRB1*14:15+DRB1*16:01:01		
DRB1*08:10+DRB1*11:06:01	DRB1*08:12+DRB1*11:04:01G	DRB1*08:22+DRB1*11:18	DRB1*11:67+DRB1*13:58
DRB1*08:10+DRB1*11:06:02	DRB1*08:12+DRB1*11:04:03		
DRB1*08:10+DRB1*11:09	DRB1*08:36+DRB1*11:58:01		
DRB1*08:10+DRB1*11:10:01G	DRB1*08:35+DRB1*11:04:01G		
DRB1*08:10+DRB1*11:21	DRB1*08:12+DRB1*11:02:01		
DRB1*08:10+DRB1*11:24	DRB1*08:16+DRB1*11:18		
DRB1*08:10+DRB1*11:57	DRB1*08:12+DRB1*11:42		
DRB1*08:10+DRB1*11:62	DRB1*08:36+DRB1*11:04:01G		
DRB1*08:10+DRB1*11:87	DRB1*08:37+DRB1*11:83		
DRB1*08:10+DRB1*12:01:03	DRB1*08:12+DRB1*12:03:02		
DRB1*08:10+DRB1*13:15	DRB1*13:17+DRB1*14:78		
DRB1*08:10+DRB1*13:37	DRB1*08:30:01+DRB1*13:89		
DRB1*08:10+DRB1*13:66:01G	DRB1*08:37+DRB1*13:89		
DRB1*08:10+DRB1*13:81	DRB1*08:12+DRB1*13:89		
DRB1*08:10+DRB1*14:28	DRB1*08:12+DRB1*14:04		
DRB1*08:10+DRB1*14:29	DRB1*08:12+DRB1*14:06:01G		
DRB1*08:10+DRB1*14:67	DRB1*08:30:01+DRB1*14:78		
DRB1*08:10+DRB1*14:99	DRB1*08:12+DRB1*14:01:01G		
DRB1*08:10+DRB1*15:35	DRB1*08:12+DRB1*15:01:01G		
DRB1*08:10+DRB1*16:09	DRB1*08:37+DRB1*16:15		
DRB1*08:12+DRB1*08:17	DRB1*08:22+DRB1*08:37		
DRB1*08:12+DRB1*11:01:03G	DRB1*08:22+DRB1*11:19:02		
DRB1*08:12+DRB1*11:10:01G	DRB1*08:35+DRB1*11:06:01		
DRB1*08:12+DRB1*11:23	DRB1*08:22+DRB1*11:45		
DRB1*08:12+DRB1*11:40	DRB1*08:22+DRB1*11:16		
DRB1*08:12+DRB1*11:41	DRB1*08:22+DRB1*11:48		
DRB1*08:12+DRB1*11:62	DRB1*08:36+DRB1*11:06:01		
DRB1*08:12+DRB1*11:69	DRB1*08:22+DRB1*11:82		
DRB1*08:12+DRB1*11:93	DRB1*08:22+DRB1*11:73		
DRB1*08:12+DRB1*11:96	DRB1*08:22+DRB1*11:31		
DRB1*08:12+DRB1*12:02:01	DRB1*08:22+DRB1*12:01:01G		
DRB1*08:12+DRB1*12:02:02	DRB1*08:22+DRB1*12:01:03		
DRB1*08:12+DRB1*12:15	DRB1*08:22+DRB1*12:05		
DRB1*08:12+DRB1*13:11:01	DRB1*08:28+DRB1*13:58		
DRB1*08:12+DRB1*13:14:01G	DRB1*08:22+DRB1*13:82		
DRB1*08:12+DRB1*13:21:01G	DRB1*08:17+DRB1*13:58	DRB1*08:22+DRB1*13:30	
DRB1*08:12+DRB1*13:24	DRB1*08:22+DRB1*13:22		
DRB1*08:12+DRB1*13:30	DRB1*08:37+DRB1*13:58		
DRB1*08:12+DRB1*13:37	DRB1*08:30:01+DRB1*13:81		
DRB1*08:12+DRB1*13:42	DRB1*08:22+DRB1*13:06		
DRB1*08:12+DRB1*13:55	DRB1*08:22+DRB1*13:13		
DRB1*08:12+DRB1*13:63	DRB1*08:22+DRB1*13:02:01		
DRB1*08:12+DRB1*13:66:01G	DRB1*08:37+DRB1*13:81		
DRB1*08:12+DRB1*13:75	DRB1*08:22+DRB1*13:04		
DRB1*08:12+DRB1*14:27	DRB1*08:22+DRB1*14:67		
DRB1*08:12+DRB1*16:01:01	DRB1*08:22+DRB1*16:05:01		
DRB1*08:13+DRB1*11:02:01	DRB1*08:30:01+DRB1*11:36		
DRB1*08:13+DRB1*11:14:01G	DRB1*08:30:01+DRB1*11:68		
DRB1*08:13+DRB1*11:18	DRB1*08:30:01+DRB1*11:42		
DRB1*08:13+DRB1*11:19:01	DRB1*08:30:01+DRB1*11:08:01G		
DRB1*08:13+DRB1*11:45	DRB1*08:30:01+DRB1*11:64		
DRB1*08:13+DRB1*12:01:01G	DRB1*08:30:01+DRB1*12:12		
DRB1*08:13+DRB1*13:01:01G	DRB1*08:30:01+DRB1*13:20		
DRB1*08:13+DRB1*13:01:06	DRB1*08:30:02+DRB1*13:20		
DRB1*08:13+DRB1*13:02:01	DRB1*08:30:01+DRB1*13:29		
DRB1*08:13+DRB1*13:03:01G	DRB1*08:30:01+DRB1*13:88		
DRB1*08:13+DRB1*13:15	DRB1*13:17+DRB1*14:03:01		
DRB1*08:13+DRB1*13:27	DRB1*08:30:01+DRB1*13:71		
DRB1*08:13+DRB1*13:57	DRB1*13:17+DRB1*14:40		
DRB1*08:13+DRB1*13:79	DRB1*08:30:01+DRB1*13:78		
DRB1*08:13+DRB1*13:82	DRB1*08:30:01+DRB1*13:25		
DRB1*08:13+DRB1*14:45	DRB1*08:30:01+DRB1*14:05:01	DRB1*08:30:02+DRB1*14:05:02	
DRB1*08:13+DRB1*14:67	DRB1*08:30:01+DRB1*14:03:01		
DRB1*08:13+DRB1*15:01:01G	DRB1*08:30:01+DRB1*15:05		
DRB1*08:13+DRB1*15:02:01	DRB1*08:30:01+DRB1*15:31		
DRB1*08:13+DRB1*15:03:01G	DRB1*08:30:01+DRB1*15:23		
DRB1*08:13+DRB1*16:05:01	DRB1*08:30:01+DRB1*16:02:01		
DRB1*08:15+DRB1*14:23:01	DRB1*08:30:01+DRB1*14:08		
DRB1*08:15+DRB1*14:23:03	DRB1*08:30:02+DRB1*14:08		
DRB1*08:15+DRB1*14:65	DRB1*08:37+DRB1*14:34		
DRB1*08:16+DRB1*11:06:01	DRB1*08:22+DRB1*11:24		
DRB1*08:17+DRB1*08:20	DRB1*08:28+DRB1*13:55		
DRB1*08:17+DRB1*11:02:01	DRB1*08:37+DRB1*11:03		
DRB1*08:17+DRB1*11:04:01G	DRB1*11:67+DRB1*13:21:01G		
DRB1*08:17+DRB1*11:14:01G	DRB1*08:37+DRB1*11:11:01G		
DRB1*08:17+DRB1*11:16	DRB1*08:37+DRB1*11:40		
DRB1*08:17+DRB1*11:18	DRB1*08:37+DRB1*11:04:01G	DRB1*11:67+DRB1*13:30	
DRB1*08:17+DRB1*11:19:01	DRB1*08:37+DRB1*11:01:01G		
DRB1*08:17+DRB1*11:19:02	DRB1*08:37+DRB1*11:01:03G		
DRB1*08:17+DRB1*11:31	DRB1*08:37+DRB1*11:96		
DRB1*08:17+DRB1*11:45	DRB1*08:37+DRB1*11:23		
DRB1*08:17+DRB1*11:73	DRB1*08:37+DRB1*11:93		
DRB1*08:17+DRB1*11:82	DRB1*08:37+DRB1*11:69		
DRB1*08:17+DRB1*12:01:01G	DRB1*08:37+DRB1*12:02:01		
DRB1*08:17+DRB1*12:01:03	DRB1*08:37+DRB1*12:02:02		
DRB1*08:17+DRB1*12:05	DRB1*08:37+DRB1*12:15		
DRB1*08:17+DRB1*13:02:01	DRB1*08:37+DRB1*13:63		
DRB1*08:17+DRB1*13:04	DRB1*08:37+DRB1*13:75		
DRB1*08:17+DRB1*13:06	DRB1*08:37+DRB1*13:42		
DRB1*08:17+DRB1*13:11:01	DRB1*08:28+DRB1*13:21:01G		
DRB1*08:17+DRB1*13:13	DRB1*08:37+DRB1*13:55		
DRB1*08:17+DRB1*13:22	DRB1*08:37+DRB1*13:24		

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DRB1*08:17+DRB1*13:30	DRB1*08:37+DRB1*13:21:01G		
DRB1*08:17+DRB1*13:81	DRB1*08:22+DRB1*13:66:01G		
DRB1*08:17+DRB1*13:82	DRB1*08:37+DRB1*13:14:01G		
DRB1*08:17+DRB1*14:06:01G	DRB1*08:28+DRB1*14:13		
DRB1*08:17+DRB1*14:02:01G	DRB1*08:28+DRB1*14:85		
DRB1*08:17+DRB1*14:67	DRB1*08:37+DRB1*14:27		
DRB1*08:17+DRB1*15:01:01G	DRB1*08:37+DRB1*15:04		
DRB1*08:17+DRB1*15:02:01	DRB1*08:37+DRB1*15:15		
DRB1*08:18+DRB1*11:02:01	DRB1*08:40+DRB1*11:98		
DRB1*08:18+DRB1*11:17	DRB1*13:12+DRB1*14:11		
DRB1*08:18+DRB1*11:37	DRB1*08:41+DRB1*13:12		
DRB1*08:18+DRB1*11:54:01	DRB1*08:29+DRB1*11:04:03		
DRB1*08:18+DRB1*11:54:02	DRB1*08:29+DRB1*11:04:01G		
DRB1*08:18+DRB1*11:56	DRB1*08:31+DRB1*13:12		
DRB1*08:18+DRB1*11:67	DRB1*08:31+DRB1*08:37		
DRB1*08:18+DRB1*11:73	DRB1*08:40+DRB1*11:19:01		
DRB1*08:18+DRB1*11:79	DRB1*08:40+DRB1*11:26		
DRB1*08:18+DRB1*13:03:01G	DRB1*08:40+DRB1*13:12		
DRB1*08:18+DRB1*13:07:01	DRB1*08:24+DRB1*13:12		
DRB1*08:18+DRB1*13:10	DRB1*08:40+DRB1*13:06		
DRB1*08:18+DRB1*13:22	DRB1*13:12+DRB1*13:17		
DRB1*08:18+DRB1*13:66:01G	DRB1*08:40+DRB1*13:30		
DRB1*08:18+DRB1*13:81	DRB1*08:40+DRB1*13:58		
DRB1*08:18+DRB1*14:01:01G	DRB1*08:29+DRB1*14:32:02	DRB1*13:12+DRB1*14:04	
DRB1*08:18+DRB1*14:01:02	DRB1*08:29+DRB1*14:32:01		
DRB1*08:18+DRB1*14:04	DRB1*08:29+DRB1*14:31		
DRB1*08:18+DRB1*14:05:01	DRB1*08:29+DRB1*14:100		
DRB1*08:18+DRB1*14:06:01G	DRB1*13:12+DRB1*14:52		
DRB1*08:18+DRB1*14:07:01G	DRB1*13:12+DRB1*14:68		
DRB1*08:18+DRB1*14:08	DRB1*08:29+DRB1*14:34		
DRB1*08:18+DRB1*14:19	DRB1*08:40+DRB1*14:02		
DRB1*08:18+DRB1*14:21	DRB1*08:40+DRB1*14:17		
DRB1*08:18+DRB1*14:32:02	DRB1*13:12+DRB1*14:31		
DRB1*08:18+DRB1*14:33	DRB1*08:29+DRB1*14:17		
DRB1*08:18+DRB1*14:35	DRB1*13:30+DRB1*14:04		
DRB1*08:18+DRB1*14:38	DRB1*13:12+DRB1*14:50		
DRB1*08:18+DRB1*14:51	DRB1*08:29+DRB1*14:02		
DRB1*08:18+DRB1*14:99	DRB1*13:12+DRB1*14:28	DRB1*13:58+DRB1*14:68	
DRB1*08:20+DRB1*08:35	DRB1*13:13+DRB1*14:15		
DRB1*08:20+DRB1*08:37	DRB1*08:28+DRB1*13:13		
DRB1*08:20+DRB1*09:01:02	DRB1*09:06+DRB1*13:47		
DRB1*08:20+DRB1*10:01:01	DRB1*10:02+DRB1*13:47		
DRB1*08:20+DRB1*11:01:01G	DRB1*11:04:01G+DRB1*13:47	DRB1*11:25+DRB1*13:07:01	
DRB1*08:20+DRB1*11:01:04	DRB1*11:04:05+DRB1*13:47		
DRB1*08:20+DRB1*11:01:05	DRB1*11:04:03+DRB1*13:47		
DRB1*08:20+DRB1*11:01:12	DRB1*11:04:04+DRB1*13:47		
DRB1*08:20+DRB1*11:02:01	DRB1*11:25+DRB1*13:70		
DRB1*08:20+DRB1*11:08:01G	DRB1*11:42+DRB1*13:47		
DRB1*08:20+DRB1*11:09	DRB1*11:37+DRB1*13:18		
DRB1*08:20+DRB1*11:11:01G	DRB1*11:03+DRB1*13:47	DRB1*11:55+DRB1*13:07:01	
DRB1*08:20+DRB1*11:14:01G	DRB1*11:02:01+DRB1*13:47	DRB1*11:23+DRB1*13:70	
DRB1*08:20+DRB1*11:16	DRB1*11:25+DRB1*13:40	DRB1*11:48+DRB1*13:18	
DRB1*08:20+DRB1*11:19:01	DRB1*11:18+DRB1*13:47		
DRB1*08:20+DRB1*11:20	DRB1*11:16+DRB1*13:47	DRB1*11:23+DRB1*13:40	DRB1*11:25+DRB1*13:36
DRB1*08:20+DRB1*11:23	DRB1*11:25+DRB1*13:47		
DRB1*08:20+DRB1*11:26	DRB1*11:34+DRB1*13:47		
DRB1*08:20+DRB1*11:27:01	DRB1*11:84+DRB1*13:47		
DRB1*08:20+DRB1*11:28:01	DRB1*11:58:02+DRB1*13:47		
DRB1*08:20+DRB1*11:28:02	DRB1*11:58:01+DRB1*13:47		
DRB1*08:20+DRB1*11:33	DRB1*11:35+DRB1*13:47		
DRB1*08:20+DRB1*11:37	DRB1*11:56+DRB1*13:47		
DRB1*08:20+DRB1*11:39	DRB1*11:43+DRB1*13:47		
DRB1*08:20+DRB1*11:40	DRB1*11:41+DRB1*13:18		
DRB1*08:20+DRB1*11:49	DRB1*11:44+DRB1*13:47		
DRB1*08:20+DRB1*11:68	DRB1*11:36+DRB1*13:47		
DRB1*08:20+DRB1*11:72	DRB1*11:92+DRB1*13:47		
DRB1*08:20+DRB1*11:73	DRB1*11:25+DRB1*13:37		
DRB1*08:20+DRB1*13:01:01G	DRB1*13:18+DRB1*13:70		
DRB1*08:20+DRB1*13:02:01	DRB1*13:01:01G+DRB1*13:47		
DRB1*08:20+DRB1*13:02:03	DRB1*13:01:05+DRB1*13:47		
DRB1*08:20+DRB1*13:03:01G	DRB1*13:47+DRB1*13:89		
DRB1*08:20+DRB1*13:05:01G	DRB1*13:07:01+DRB1*13:18	DRB1*13:42+DRB1*13:47	
DRB1*08:20+DRB1*13:14:01G	DRB1*13:11:01+DRB1*13:47		
DRB1*08:20+DRB1*13:14:02	DRB1*13:11:02+DRB1*13:47		
DRB1*08:20+DRB1*13:21:01G	DRB1*13:11:01+DRB1*13:55		
DRB1*08:20+DRB1*13:23	DRB1*13:22+DRB1*13:47		
DRB1*08:20+DRB1*13:29	DRB1*13:20+DRB1*13:47		
DRB1*08:20+DRB1*13:30	DRB1*13:11:01+DRB1*13:13		
DRB1*08:20+DRB1*13:33:01	DRB1*13:47+DRB1*13:94		
DRB1*08:20+DRB1*13:36	DRB1*13:40+DRB1*13:47		
DRB1*08:20+DRB1*13:38	DRB1*13:47+DRB1*13:48	DRB1*13:55+DRB1*13:70	
DRB1*08:20+DRB1*13:39	DRB1*13:47+DRB1*13:79		
DRB1*08:20+DRB1*13:41	DRB1*13:27+DRB1*13:47		
DRB1*08:20+DRB1*13:65	DRB1*13:32+DRB1*13:47	DRB1*13:40+DRB1*13:55	
DRB1*08:20+DRB1*13:93	DRB1*13:18+DRB1*13:48		
DRB1*08:20+DRB1*13:97	DRB1*13:47+DRB1*13:52		
DRB1*08:20+DRB1*14:02	DRB1*13:47+DRB1*14:06:01G		
DRB1*08:20+DRB1*14:03:01	DRB1*13:47+DRB1*14:02:01G		
DRB1*08:20+DRB1*14:07:01G	DRB1*13:47+DRB1*14:01:01G		
DRB1*08:20+DRB1*14:09	DRB1*13:47+DRB1*14:80		
DRB1*08:20+DRB1*14:13	DRB1*13:55+DRB1*14:06:01G		
DRB1*08:20+DRB1*14:14	DRB1*13:47+DRB1*14:23:01		
DRB1*08:20+DRB1*14:30	DRB1*13:47+DRB1*14:17		
DRB1*08:20+DRB1*14:44:01	DRB1*13:47+DRB1*14:05:01		
DRB1*08:20+DRB1*14:44:02	DRB1*13:47+DRB1*14:05:03		
DRB1*08:20+DRB1*14:63	DRB1*13:47+DRB1*14:78		
DRB1*08:20+DRB1*14:85	DRB1*13:55+DRB1*14:02:01G		
DRB1*08:20+DRB1*15:02:01	DRB1*13:47+DRB1*15:01:01G		
DRB1*08:20+DRB1*15:02:02G	DRB1*13:47+DRB1*15:01:04		
DRB1*08:20+DRB1*15:02:04	DRB1*13:47+DRB1*15:01:09		
DRB1*08:20+DRB1*15:02:06	DRB1*13:47+DRB1*15:01:03		
DRB1*08:20+DRB1*15:02:08	DRB1*13:47+DRB1*15:01:10		
DRB1*08:20+DRB1*15:11	DRB1*13:47+DRB1*15:07		
DRB1*08:20+DRB1*15:15	DRB1*13:47+DRB1*15:04		
DRB1*08:20+DRB1*15:27	DRB1*13:44+DRB1*16:04		

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DRB1*08:20+DRB1*15:31	DRB1*13:47+DRB1*15:05		
DRB1*08:20+DRB1*16:01:01	DRB1*13:47+DRB1*16:15		
DRB1*08:21+DRB1*13:01:01G	DRB1*13:103+DRB1*14:15		
DRB1*08:23+DRB1*14:35	DRB1*08:37+DRB1*14:60		
DRB1*08:24+DRB1*11:01:01G	DRB1*08:41+DRB1*13:14:01G		
DRB1*08:24+DRB1*11:02:01	DRB1*08:31+DRB1*13:23	DRB1*08:41+DRB1*13:22	DRB1*11:37+DRB1*13:17
DRB1*08:24+DRB1*11:03	DRB1*08:41+DRB1*13:24		
DRB1*08:24+DRB1*11:04:01G	DRB1*08:31+DRB1*13:14:01G	DRB1*08:41+DRB1*13:11:01	
DRB1*08:24+DRB1*11:08:01G	DRB1*08:41+DRB1*13:25		
DRB1*08:24+DRB1*11:09	DRB1*08:41+DRB1*13:05:01G		
DRB1*08:24+DRB1*11:14:01G	DRB1*08:41+DRB1*13:23		
DRB1*08:24+DRB1*11:15	DRB1*08:41+DRB1*13:62		
DRB1*08:24+DRB1*11:16	DRB1*08:31+DRB1*13:02:01	DRB1*08:41+DRB1*13:01:01G	
DRB1*08:24+DRB1*11:17	DRB1*08:31+DRB1*14:14	DRB1*08:41+DRB1*14:23:01	DRB1*13:07:01+DRB1*14:11
DRB1*08:24+DRB1*11:18	DRB1*08:31+DRB1*13:82		
DRB1*08:24+DRB1*11:19:01	DRB1*08:41+DRB1*13:82		
DRB1*08:24+DRB1*11:20	DRB1*08:41+DRB1*13:02:01		
DRB1*08:24+DRB1*11:28:01	DRB1*08:41+DRB1*13:50:01		
DRB1*08:24+DRB1*11:28:02	DRB1*08:41+DRB1*13:50:02		
DRB1*08:24+DRB1*11:34	DRB1*08:41+DRB1*13:44		
DRB1*08:24+DRB1*11:37	DRB1*08:41+DRB1*13:07:01		
DRB1*08:24+DRB1*11:40	DRB1*08:31+DRB1*13:63		
DRB1*08:24+DRB1*11:42	DRB1*08:31+DRB1*13:25		
DRB1*08:24+DRB1*11:48	DRB1*08:41+DRB1*13:70		
DRB1*08:24+DRB1*11:56	DRB1*08:31+DRB1*13:07:01		
DRB1*08:24+DRB1*11:58:01	DRB1*08:31+DRB1*13:50:02		
DRB1*08:24+DRB1*11:58:02	DRB1*08:31+DRB1*13:50:01		
DRB1*08:24+DRB1*11:67	DRB1*08:28+DRB1*08:41		
DRB1*08:24+DRB1*12:04	DRB1*08:41+DRB1*12:09		
DRB1*08:24+DRB1*13:22	DRB1*13:07:01+DRB1*13:17		
DRB1*08:24+DRB1*13:66:01G	DRB1*08:40+DRB1*13:14:01G		
DRB1*08:24+DRB1*13:77	DRB1*08:25+DRB1*13:42		
DRB1*08:24+DRB1*14:01:01G	DRB1*13:07:01+DRB1*14:04		
DRB1*08:24+DRB1*14:06:01G	DRB1*13:07:01+DRB1*14:52		
DRB1*08:24+DRB1*14:07:01G	DRB1*13:07:01+DRB1*14:68		
DRB1*08:24+DRB1*14:32:02	DRB1*13:07:01+DRB1*14:31		
DRB1*08:24+DRB1*14:35	DRB1*13:11:01+DRB1*14:68	DRB1*13:14:01G+DRB1*14:04	
DRB1*08:24+DRB1*14:38	DRB1*13:07:01+DRB1*14:50		
DRB1*08:24+DRB1*14:99	DRB1*13:07:01+DRB1*14:28		
DRB1*08:24+DRB1*15:10	DRB1*13:17+DRB1*16:01:02		
DRB1*08:25+DRB1*11:23	DRB1*08:34+DRB1*11:01:03G		
DRB1*08:25+DRB1*11:45	DRB1*08:34+DRB1*11:19:02		
DRB1*08:25+DRB1*16:04	DRB1*08:34+DRB1*16:01:01		
DRB1*08:28+DRB1*08:35	DRB1*08:37+DRB1*14:15		
DRB1*08:28+DRB1*11:01:01G	DRB1*11:67+DRB1*13:14:01G		
DRB1*08:28+DRB1*11:02:01	DRB1*11:25+DRB1*13:17	DRB1*11:67+DRB1*13:22	
DRB1*08:28+DRB1*11:03	DRB1*11:67+DRB1*13:24		
DRB1*08:28+DRB1*11:04:01G	DRB1*11:67+DRB1*13:11:01		
DRB1*08:28+DRB1*11:08:01G	DRB1*11:67+DRB1*13:25		
DRB1*08:28+DRB1*11:09	DRB1*11:67+DRB1*13:05:01G		
DRB1*08:28+DRB1*11:14:01G	DRB1*11:23+DRB1*13:17	DRB1*11:67+DRB1*13:23	
DRB1*08:28+DRB1*11:15	DRB1*11:67+DRB1*13:62		
DRB1*08:28+DRB1*11:16	DRB1*11:67+DRB1*13:01:01G		
DRB1*08:28+DRB1*11:17	DRB1*11:67+DRB1*14:23:01		
DRB1*08:28+DRB1*11:19:01	DRB1*11:67+DRB1*13:82		
DRB1*08:28+DRB1*11:20	DRB1*11:67+DRB1*13:02:01		
DRB1*08:28+DRB1*11:28:01	DRB1*11:67+DRB1*13:50:01		
DRB1*08:28+DRB1*11:28:02	DRB1*11:67+DRB1*13:50:02		
DRB1*08:28+DRB1*11:34	DRB1*11:67+DRB1*13:44		
DRB1*08:28+DRB1*12:04	DRB1*11:67+DRB1*12:09		
DRB1*08:28+DRB1*13:01:01G	DRB1*13:17+DRB1*13:18		
DRB1*08:28+DRB1*13:30	DRB1*08:37+DRB1*13:11:01		
DRB1*08:28+DRB1*14:14	DRB1*14:15+DRB1*14:42		
DRB1*08:28+DRB1*14:22	DRB1*14:15+DRB1*14:53		
DRB1*08:29+DRB1*11:13:01G	DRB1*13:30+DRB1*14:11		
DRB1*08:29+DRB1*14:19	DRB1*08:40+DRB1*14:51		
DRB1*08:29+DRB1*14:21	DRB1*08:40+DRB1*14:33		
DRB1*08:30:01+DRB1*09:01:02	DRB1*08:34+DRB1*09:02:02		
DRB1*08:30:01+DRB1*12:01:01G	DRB1*08:34+DRB1*12:09		
DRB1*08:30:01+DRB1*13:01:06	DRB1*08:30:02+DRB1*13:01:01G		
DRB1*08:30:01+DRB1*13:15	DRB1*13:17+DRB1*14:67		
DRB1*08:30:01+DRB1*13:54	DRB1*08:34+DRB1*13:24		
DRB1*08:30:01+DRB1*13:66:01G	DRB1*08:37+DRB1*13:37		
DRB1*08:30:01+DRB1*13:100	DRB1*08:34+DRB1*13:14:01G		
DRB1*08:30:01+DRB1*14:23:03	DRB1*08:30:02+DRB1*14:23:01		
DRB1*08:30:01+DRB1*14:48	DRB1*08:34+DRB1*14:02		
DRB1*08:31+DRB1*09:01:02	DRB1*08:41+DRB1*09:06		
DRB1*08:31+DRB1*10:01:01	DRB1*08:41+DRB1*10:02		
DRB1*08:31+DRB1*11:01:01G	DRB1*08:41+DRB1*11:04:01G		
DRB1*08:31+DRB1*11:01:04	DRB1*08:41+DRB1*11:04:05		
DRB1*08:31+DRB1*11:01:05	DRB1*08:41+DRB1*11:04:03		
DRB1*08:31+DRB1*11:01:12	DRB1*08:41+DRB1*11:04:04		
DRB1*08:31+DRB1*11:08:01G	DRB1*08:41+DRB1*11:42		
DRB1*08:31+DRB1*11:11:01G	DRB1*08:41+DRB1*11:03		
DRB1*08:31+DRB1*11:14:01G	DRB1*08:41+DRB1*11:02:01		
DRB1*08:31+DRB1*11:17	DRB1*11:56+DRB1*14:11		
DRB1*08:31+DRB1*11:19:01	DRB1*08:41+DRB1*11:18		
DRB1*08:31+DRB1*11:20	DRB1*08:41+DRB1*11:16		
DRB1*08:31+DRB1*11:23	DRB1*08:41+DRB1*11:25	DRB1*11:37+DRB1*11:67	
DRB1*08:31+DRB1*11:25	DRB1*11:56+DRB1*11:67		
DRB1*08:31+DRB1*11:26	DRB1*08:41+DRB1*11:34		
DRB1*08:31+DRB1*11:27:01	DRB1*08:41+DRB1*11:84		
DRB1*08:31+DRB1*11:28:01	DRB1*08:41+DRB1*11:58:02		
DRB1*08:31+DRB1*11:28:02	DRB1*08:41+DRB1*11:58:01		
DRB1*08:31+DRB1*11:33	DRB1*08:41+DRB1*11:35		
DRB1*08:31+DRB1*11:37	DRB1*08:41+DRB1*11:56		
DRB1*08:31+DRB1*11:39	DRB1*08:41+DRB1*11:43		
DRB1*08:31+DRB1*11:49	DRB1*08:41+DRB1*11:44		
DRB1*08:31+DRB1*11:55	DRB1*11:41+DRB1*11:67		
DRB1*08:31+DRB1*11:68	DRB1*08:41+DRB1*11:36		
DRB1*08:31+DRB1*11:72	DRB1*08:41+DRB1*11:92		
DRB1*08:31+DRB1*13:02:03	DRB1*08:41+DRB1*13:01:05		
DRB1*08:31+DRB1*13:03:01G	DRB1*08:40+DRB1*11:56	DRB1*08:41+DRB1*13:89	
DRB1*08:31+DRB1*13:05:01G	DRB1*08:41+DRB1*13:42		
DRB1*08:31+DRB1*13:14:02	DRB1*08:41+DRB1*13:11:02		

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DRB1*08:31+DRB1*13:22	DRB1*11:56+DRB1*13:17		
DRB1*08:31+DRB1*13:27	DRB1*11:83+DRB1*13:17		
DRB1*08:31+DRB1*13:29	DRB1*08:41+DRB1*13:20		
DRB1*08:31+DRB1*13:33:01	DRB1*08:41+DRB1*13:94		
DRB1*08:31+DRB1*13:36	DRB1*08:41+DRB1*13:40		
DRB1*08:31+DRB1*13:39	DRB1*08:41+DRB1*13:79		
DRB1*08:31+DRB1*13:41	DRB1*08:41+DRB1*13:27		
DRB1*08:31+DRB1*13:65	DRB1*08:41+DRB1*13:32		
DRB1*08:31+DRB1*13:66:01G	DRB1*08:40+DRB1*11:04:01G		
DRB1*08:31+DRB1*13:97	DRB1*08:41+DRB1*13:52		
DRB1*08:31+DRB1*14:01:01G	DRB1*11:56+DRB1*14:04		
DRB1*08:31+DRB1*14:02	DRB1*08:41+DRB1*14:06:01G	DRB1*11:37+DRB1*14:52	
DRB1*08:31+DRB1*14:03:01	DRB1*08:41+DRB1*14:02:01G		
DRB1*08:31+DRB1*14:06:01G	DRB1*11:56+DRB1*14:52		
DRB1*08:31+DRB1*14:07:01G	DRB1*08:41+DRB1*14:01:01G	DRB1*11:37+DRB1*14:04	DRB1*11:56+DRB1*14:68
	DRB1*14:11+DRB1*14:25		
DRB1*08:31+DRB1*14:09	DRB1*08:41+DRB1*14:80		
DRB1*08:31+DRB1*14:30	DRB1*08:41+DRB1*14:17		
DRB1*08:31+DRB1*14:32:02	DRB1*11:56+DRB1*14:31		
DRB1*08:31+DRB1*14:35	DRB1*11:04:01G+DRB1*14:04	DRB1*11:54:02+DRB1*14:31	
DRB1*08:31+DRB1*14:38	DRB1*11:56+DRB1*14:50		
DRB1*08:31+DRB1*14:44:01	DRB1*08:41+DRB1*14:05:01		
DRB1*08:31+DRB1*14:44:02	DRB1*08:41+DRB1*14:05:03		
DRB1*08:31+DRB1*14:63	DRB1*08:41+DRB1*14:78		
DRB1*08:31+DRB1*14:68	DRB1*08:41+DRB1*14:04		
DRB1*08:31+DRB1*14:99	DRB1*11:56+DRB1*14:28		
DRB1*08:31+DRB1*15:02:01	DRB1*08:41+DRB1*15:01:01G		
DRB1*08:31+DRB1*15:02:02G	DRB1*08:41+DRB1*15:01:04		
DRB1*08:31+DRB1*15:02:04	DRB1*08:41+DRB1*15:01:09		
DRB1*08:31+DRB1*15:02:06	DRB1*08:41+DRB1*15:01:03		
DRB1*08:31+DRB1*15:02:08	DRB1*08:41+DRB1*15:01:10		
DRB1*08:31+DRB1*15:11	DRB1*08:41+DRB1*15:07		
DRB1*08:31+DRB1*15:15	DRB1*08:41+DRB1*15:04		
DRB1*08:31+DRB1*15:31	DRB1*08:41+DRB1*15:05		
DRB1*08:31+DRB1*16:01:01	DRB1*08:41+DRB1*16:15		
DRB1*08:32+DRB1*13:100	DRB1*12:16+DRB1*13:13		
DRB1*08:35+DRB1*11:62	DRB1*08:36+DRB1*11:10:01G		
DRB1*08:35+DRB1*13:11:01	DRB1*13:30+DRB1*14:15		
DRB1*08:35+DRB1*14:42	DRB1*08:37+DRB1*14:14		
DRB1*08:35+DRB1*14:53	DRB1*08:37+DRB1*14:22		
DRB1*08:40+DRB1*11:17	DRB1*13:03:01G+DRB1*14:11		
DRB1*08:40+DRB1*11:37	DRB1*08:41+DRB1*13:03:01G		
DRB1*08:40+DRB1*13:22	DRB1*13:03:01G+DRB1*13:17		
DRB1*08:40+DRB1*14:01:01G	DRB1*13:03:01G+DRB1*14:04	DRB1*13:89+DRB1*14:68	
DRB1*08:40+DRB1*14:06:01G	DRB1*13:03:01G+DRB1*14:52		
DRB1*08:40+DRB1*14:07:01G	DRB1*13:03:01G+DRB1*14:68		
DRB1*08:40+DRB1*14:32:02	DRB1*13:03:01G+DRB1*14:31		
DRB1*08:40+DRB1*14:35	DRB1*13:66:01G+DRB1*14:04		
DRB1*08:40+DRB1*14:38	DRB1*13:03:01G+DRB1*14:50		
DRB1*08:40+DRB1*14:99	DRB1*13:03:01G+DRB1*14:28	DRB1*13:81+DRB1*14:68	
DRB1*08:41+DRB1*11:17	DRB1*11:37+DRB1*14:11		
DRB1*08:41+DRB1*14:07:01G	DRB1*11:37+DRB1*14:68		
DRB1*08:41+DRB1*14:32:02	DRB1*11:37+DRB1*14:31		
DRB1*08:41+DRB1*14:35	DRB1*11:01:01G+DRB1*14:04	DRB1*11:04:01G+DRB1*14:68	DRB1*14:11+DRB1*14:53
DRB1*08:41+DRB1*14:38	DRB1*11:37+DRB1*14:50		
DRB1*08:41+DRB1*14:99	DRB1*11:37+DRB1*14:28		
DRB1*09:01:02+DRB1*10:02	DRB1*09:06+DRB1*10:01:01		
DRB1*09:01:02+DRB1*11:01:12	DRB1*09:01:04+DRB1*11:01:01G		
DRB1*09:01:02+DRB1*11:02:01	DRB1*09:06+DRB1*11:14:01G		
DRB1*09:01:02+DRB1*11:03	DRB1*09:06+DRB1*11:11:01G		
DRB1*09:01:02+DRB1*11:04:01G	DRB1*09:06+DRB1*11:01:01G		
DRB1*09:01:02+DRB1*11:04:03	DRB1*09:06+DRB1*11:01:05		
DRB1*09:01:02+DRB1*11:04:04	DRB1*09:01:04+DRB1*11:04:01G	DRB1*09:06+DRB1*11:01:12	
DRB1*09:01:02+DRB1*11:04:05	DRB1*09:06+DRB1*11:01:04		
DRB1*09:01:02+DRB1*11:08:01G	DRB1*09:04+DRB1*11:01:01G		
DRB1*09:01:02+DRB1*11:12:02	DRB1*09:01:04+DRB1*11:12:01		
DRB1*09:01:02+DRB1*11:16	DRB1*09:06+DRB1*11:20		
DRB1*09:01:02+DRB1*11:18	DRB1*09:06+DRB1*11:19:01		
DRB1*09:01:02+DRB1*11:25	DRB1*09:06+DRB1*11:23		
DRB1*09:01:02+DRB1*11:28:02	DRB1*09:01:04+DRB1*11:28:01		
DRB1*09:01:02+DRB1*11:34	DRB1*09:06+DRB1*11:26		
DRB1*09:01:02+DRB1*11:35	DRB1*09:06+DRB1*11:33		
DRB1*09:01:02+DRB1*11:36	DRB1*09:04+DRB1*11:03	DRB1*09:06+DRB1*11:68	
DRB1*09:01:02+DRB1*11:42	DRB1*09:04+DRB1*11:04:01G	DRB1*09:06+DRB1*11:08:01G	
DRB1*09:01:02+DRB1*11:43	DRB1*09:06+DRB1*11:39		
DRB1*09:01:02+DRB1*11:44	DRB1*09:06+DRB1*11:49		
DRB1*09:01:02+DRB1*11:56	DRB1*09:06+DRB1*11:37		
DRB1*09:01:02+DRB1*11:57	DRB1*09:04+DRB1*11:06:01		
DRB1*09:01:02+DRB1*11:58:01	DRB1*09:01:04+DRB1*11:58:02	DRB1*09:06+DRB1*11:28:02	
DRB1*09:01:02+DRB1*11:58:02	DRB1*09:06+DRB1*11:28:01		
DRB1*09:01:02+DRB1*11:64	DRB1*09:04+DRB1*11:23		
DRB1*09:01:02+DRB1*11:68	DRB1*09:04+DRB1*11:11:01G		
DRB1*09:01:02+DRB1*11:84	DRB1*09:06+DRB1*11:27:01		
DRB1*09:01:02+DRB1*11:92	DRB1*09:06+DRB1*11:72		
DRB1*09:01:02+DRB1*12:09	DRB1*09:02:02+DRB1*12:01:01G		
DRB1*09:01:02+DRB1*12:12	DRB1*09:04+DRB1*12:02:01		
DRB1*09:01:02+DRB1*13:01:01G	DRB1*09:06+DRB1*13:02:01		
DRB1*09:01:02+DRB1*13:01:02	DRB1*09:01:07+DRB1*13:01:01G		
DRB1*09:01:02+DRB1*13:01:05	DRB1*09:06+DRB1*13:02:03		
DRB1*09:01:02+DRB1*13:11:01	DRB1*09:06+DRB1*13:14:01G		
DRB1*09:01:02+DRB1*13:11:02	DRB1*09:06+DRB1*13:14:02		
DRB1*09:01:02+DRB1*13:14:01G	DRB1*09:02:02+DRB1*13:100		
DRB1*09:01:02+DRB1*13:14:02	DRB1*09:02:01+DRB1*13:100		
DRB1*09:01:02+DRB1*13:20	DRB1*09:06+DRB1*13:29		
DRB1*09:01:02+DRB1*13:21:01G	DRB1*09:08+DRB1*13:46		
DRB1*09:01:02+DRB1*13:22	DRB1*09:06+DRB1*13:23		
DRB1*09:01:02+DRB1*13:24	DRB1*09:02:02+DRB1*13:54		
DRB1*09:01:02+DRB1*13:25	DRB1*09:04+DRB1*13:14:01G		
DRB1*09:01:02+DRB1*13:27	DRB1*09:06+DRB1*13:41		
DRB1*09:01:02+DRB1*13:29	DRB1*09:04+DRB1*13:63		
DRB1*09:01:02+DRB1*13:32	DRB1*09:06+DRB1*13:65		
DRB1*09:01:02+DRB1*13:40	DRB1*09:06+DRB1*13:36		
DRB1*09:01:02+DRB1*13:42	DRB1*09:06+DRB1*13:05:01G		
DRB1*09:01:02+DRB1*13:48	DRB1*09:06+DRB1*13:38		
DRB1*09:01:02+DRB1*13:50:02	DRB1*09:01:04+DRB1*13:50:01		

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DRB1*09:01:02+DRB1*13:52	DRB1*09:06+DRB1*13:97	
DRB1*09:01:02+DRB1*13:56	DRB1*09:04+DRB1*13:05:01G	
DRB1*09:01:02+DRB1*13:79	DRB1*09:06+DRB1*13:39	
DRB1*09:01:02+DRB1*13:89	DRB1*09:06+DRB1*13:03:01G	
DRB1*09:01:02+DRB1*13:94	DRB1*09:06+DRB1*13:33:01	
DRB1*09:01:02+DRB1*14:01:01G	DRB1*09:06+DRB1*14:07:01G	
DRB1*09:01:02+DRB1*14:02	DRB1*09:02:02+DRB1*14:48	
DRB1*09:01:02+DRB1*14:03:01	DRB1*09:04+DRB1*14:27	
DRB1*09:01:02+DRB1*14:04	DRB1*09:06+DRB1*14:68	
DRB1*09:01:02+DRB1*14:05:01	DRB1*09:06+DRB1*14:44:01	
DRB1*09:01:02+DRB1*14:05:03	DRB1*09:06+DRB1*14:44:02	
DRB1*09:01:02+DRB1*14:06:01G	DRB1*09:06+DRB1*14:02	
DRB1*09:01:02+DRB1*14:02:01G	DRB1*09:06+DRB1*14:03:01	
DRB1*09:01:02+DRB1*14:17	DRB1*09:06+DRB1*14:30	
DRB1*09:01:02+DRB1*14:23:01	DRB1*09:06+DRB1*14:14	
DRB1*09:01:02+DRB1*14:69	DRB1*09:04+DRB1*14:25	
DRB1*09:01:02+DRB1*14:78	DRB1*09:06+DRB1*14:63	
DRB1*09:01:02+DRB1*14:80	DRB1*09:06+DRB1*14:09	
DRB1*09:01:02+DRB1*15:01:01G	DRB1*09:06+DRB1*15:02:01	
DRB1*09:01:02+DRB1*15:01:03	DRB1*09:06+DRB1*15:02:06	
DRB1*09:01:02+DRB1*15:01:04	DRB1*09:06+DRB1*15:02:02G	
DRB1*09:01:02+DRB1*15:01:05	DRB1*09:01:03+DRB1*15:01:01G	
DRB1*09:01:02+DRB1*15:01:07	DRB1*09:01:07+DRB1*15:01:01G	
DRB1*09:01:02+DRB1*15:01:09	DRB1*09:06+DRB1*15:02:04	
DRB1*09:01:02+DRB1*15:01:10	DRB1*09:06+DRB1*15:02:08	
DRB1*09:01:02+DRB1*15:04	DRB1*09:06+DRB1*15:15	
DRB1*09:01:02+DRB1*15:05	DRB1*09:04+DRB1*15:04	DRB1*09:06+DRB1*15:31
DRB1*09:01:02+DRB1*15:07	DRB1*09:06+DRB1*15:11	
DRB1*09:01:02+DRB1*15:31	DRB1*09:04+DRB1*15:15	
DRB1*09:01:02+DRB1*16:02:01	DRB1*09:04+DRB1*16:01:01	
DRB1*09:01:02+DRB1*16:02:02	DRB1*09:04+DRB1*16:01:02	
DRB1*09:01:02+DRB1*16:10	DRB1*09:04+DRB1*16:09	
DRB1*09:01:02+DRB1*16:15	DRB1*09:06+DRB1*16:01:01	
DRB1*09:01:03+DRB1*15:01:07	DRB1*09:01:07+DRB1*15:01:05	
DRB1*09:01:04+DRB1*11:08:01G	DRB1*09:04+DRB1*11:01:12	
DRB1*09:01:04+DRB1*11:42	DRB1*09:04+DRB1*11:04:04	
DRB1*09:02:01+DRB1*13:01:01G	DRB1*09:02:02+DRB1*13:01:05	
DRB1*09:02:01+DRB1*13:02:01	DRB1*09:02:02+DRB1*13:02:03	
DRB1*09:02:01+DRB1*13:07:01	DRB1*09:02:02+DRB1*13:07:02	
DRB1*09:02:01+DRB1*13:11:01	DRB1*09:02:02+DRB1*13:11:02	
DRB1*09:02:01+DRB1*13:14:01G	DRB1*09:02:02+DRB1*13:14:02	
DRB1*09:02:01+DRB1*15:01:04	DRB1*09:02:02+DRB1*15:01:01G	
DRB1*09:02:01+DRB1*15:02:02G	DRB1*09:02:02+DRB1*15:02:01	
DRB1*09:04+DRB1*11:25	DRB1*09:06+DRB1*11:64	
DRB1*09:04+DRB1*13:11:01	DRB1*09:06+DRB1*13:25	
DRB1*09:04+DRB1*13:42	DRB1*09:06+DRB1*13:56	
DRB1*09:04+DRB1*16:15	DRB1*09:06+DRB1*16:02:01	
DRB1*10:01:01+DRB1*11:01:01G	DRB1*10:01:03+DRB1*11:01:09	
DRB1*10:01:01+DRB1*11:01:03G	DRB1*10:01:02+DRB1*11:01:09	
DRB1*10:01:01+DRB1*11:02:01	DRB1*10:02+DRB1*11:14:01G	
DRB1*10:01:01+DRB1*11:03	DRB1*10:02+DRB1*11:11:01G	
DRB1*10:01:01+DRB1*11:04:01G	DRB1*10:02+DRB1*11:01:01G	
DRB1*10:01:01+DRB1*11:04:03	DRB1*10:02+DRB1*11:01:05	
DRB1*10:01:01+DRB1*11:04:04	DRB1*10:02+DRB1*11:01:12	
DRB1*10:01:01+DRB1*11:04:05	DRB1*10:02+DRB1*11:01:04	
DRB1*10:01:01+DRB1*11:16	DRB1*10:02+DRB1*11:20	
DRB1*10:01:01+DRB1*11:18	DRB1*10:02+DRB1*11:19:01	
DRB1*10:01:01+DRB1*11:25	DRB1*10:02+DRB1*11:23	
DRB1*10:01:01+DRB1*11:34	DRB1*10:02+DRB1*11:26	
DRB1*10:01:01+DRB1*11:35	DRB1*10:02+DRB1*11:33	
DRB1*10:01:01+DRB1*11:36	DRB1*10:02+DRB1*11:68	
DRB1*10:01:01+DRB1*11:42	DRB1*10:02+DRB1*11:08:01G	
DRB1*10:01:01+DRB1*11:43	DRB1*10:02+DRB1*11:39	
DRB1*10:01:01+DRB1*11:44	DRB1*10:02+DRB1*11:49	
DRB1*10:01:01+DRB1*11:56	DRB1*10:02+DRB1*11:37	
DRB1*10:01:01+DRB1*11:58:01	DRB1*10:02+DRB1*11:28:02	
DRB1*10:01:01+DRB1*11:58:02	DRB1*10:02+DRB1*11:28:01	
DRB1*10:01:01+DRB1*11:84	DRB1*10:02+DRB1*11:27:01	
DRB1*10:01:01+DRB1*11:92	DRB1*10:02+DRB1*11:72	
DRB1*10:01:01+DRB1*13:01:01G	DRB1*10:02+DRB1*13:02:01	
DRB1*10:01:01+DRB1*13:01:05	DRB1*10:02+DRB1*13:02:03	
DRB1*10:01:01+DRB1*13:11:01	DRB1*10:02+DRB1*13:14:01G	
DRB1*10:01:01+DRB1*13:11:02	DRB1*10:02+DRB1*13:14:02	
DRB1*10:01:01+DRB1*13:20	DRB1*10:02+DRB1*13:29	
DRB1*10:01:01+DRB1*13:22	DRB1*10:02+DRB1*13:23	
DRB1*10:01:01+DRB1*13:27	DRB1*10:02+DRB1*13:41	
DRB1*10:01:01+DRB1*13:32	DRB1*10:02+DRB1*13:65	
DRB1*10:01:01+DRB1*13:40	DRB1*10:02+DRB1*13:36	
DRB1*10:01:01+DRB1*13:42	DRB1*10:02+DRB1*13:05:01G	
DRB1*10:01:01+DRB1*13:48	DRB1*10:02+DRB1*13:38	
DRB1*10:01:01+DRB1*13:52	DRB1*10:02+DRB1*13:97	
DRB1*10:01:01+DRB1*13:79	DRB1*10:02+DRB1*13:39	
DRB1*10:01:01+DRB1*13:89	DRB1*10:02+DRB1*13:03:01G	
DRB1*10:01:01+DRB1*13:94	DRB1*10:02+DRB1*13:33:01	
DRB1*10:01:01+DRB1*14:01:01G	DRB1*10:02+DRB1*14:07:01G	
DRB1*10:01:01+DRB1*14:04	DRB1*10:02+DRB1*14:68	
DRB1*10:01:01+DRB1*14:05:01	DRB1*10:02+DRB1*14:44:01	
DRB1*10:01:01+DRB1*14:05:03	DRB1*10:02+DRB1*14:44:02	
DRB1*10:01:01+DRB1*14:06:01G	DRB1*10:02+DRB1*14:02	
DRB1*10:01:01+DRB1*14:02:01G	DRB1*10:02+DRB1*14:03:01	
DRB1*10:01:01+DRB1*14:17	DRB1*10:02+DRB1*14:30	
DRB1*10:01:01+DRB1*14:23:01	DRB1*10:02+DRB1*14:14	
DRB1*10:01:01+DRB1*14:78	DRB1*10:02+DRB1*14:63	
DRB1*10:01:01+DRB1*14:80	DRB1*10:02+DRB1*14:09	
DRB1*10:01:01+DRB1*15:01:01G	DRB1*10:02+DRB1*15:02:01	
DRB1*10:01:01+DRB1*15:01:03	DRB1*10:02+DRB1*15:02:06	
DRB1*10:01:01+DRB1*15:01:04	DRB1*10:02+DRB1*15:02:02G	
DRB1*10:01:01+DRB1*15:01:09	DRB1*10:02+DRB1*15:02:04	
DRB1*10:01:01+DRB1*15:01:10	DRB1*10:02+DRB1*15:02:08	
DRB1*10:01:01+DRB1*15:04	DRB1*10:02+DRB1*15:15	
DRB1*10:01:01+DRB1*15:05	DRB1*10:02+DRB1*15:31	
DRB1*10:01:01+DRB1*15:07	DRB1*10:02+DRB1*15:11	
DRB1*10:01:01+DRB1*16:15	DRB1*10:02+DRB1*16:01:01	
DRB1*10:01:02+DRB1*11:01:01G	DRB1*10:01:03+DRB1*11:01:03G	
DRB1*10:01:02+DRB1*11:01:05	DRB1*10:01:03+DRB1*11:01:10	

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DRB1*10:01:02+DRB1*11:19:01	DRB1*10:01:03+DRB1*11:19:02		
DRB1*10:01:02+DRB1*12:01:02	DRB1*10:01:03+DRB1*12:01:03		
DRB1*10:01:02+DRB1*12:02:04	DRB1*10:01:03+DRB1*12:02:01		
DRB1*10:01:02+DRB1*13:02:01	DRB1*10:01:03+DRB1*13:02:02		
DRB1*10:01:02+DRB1*16:01:02	DRB1*10:01:03+DRB1*16:01:01		
DRB1*10:01:02+DRB1*16:02:02	DRB1*10:01:03+DRB1*16:02:01		
DRB1*11:01:01G+DRB1*11:01:10	DRB1*11:01:03G+DRB1*11:01:05		
DRB1*11:01:01G+DRB1*11:02:01	DRB1*11:03+DRB1*11:19:01	DRB1*11:04:01G+DRB1*11:14:01G	DRB1*11:11:01G+DRB1*11:18
	DRB1*11:93+DRB1*11:98		
DRB1*11:01:01G+DRB1*11:03	DRB1*11:04:01G+DRB1*11:11:01G		
DRB1*11:01:01G+DRB1*11:04:03	DRB1*11:01:05+DRB1*11:04:01G		
DRB1*11:01:01G+DRB1*11:04:04	DRB1*11:01:12+DRB1*11:04:01G		
DRB1*11:01:01G+DRB1*11:04:05	DRB1*11:01:04+DRB1*11:04:01G		
DRB1*11:01:01G+DRB1*11:06:02	DRB1*11:01:05+DRB1*11:06:01		
DRB1*11:01:01G+DRB1*11:09	DRB1*11:28:02+DRB1*11:62		
DRB1*11:01:01G+DRB1*11:10:01G	DRB1*11:12:02+DRB1*11:62		
DRB1*11:01:01G+DRB1*11:12:02	DRB1*11:01:12+DRB1*11:12:01		
DRB1*11:01:01G+DRB1*11:14:01G	DRB1*11:11:01G+DRB1*11:19:01		
DRB1*11:01:01G+DRB1*11:16	DRB1*11:02:01+DRB1*11:09	DRB1*11:04:01G+DRB1*11:20	DRB1*11:19:01+DRB1*11:40
DRB1*11:01:01G+DRB1*11:18	DRB1*11:04:01G+DRB1*11:19:01		
DRB1*11:01:01G+DRB1*11:19:02	DRB1*11:01:03G+DRB1*11:19:01		
DRB1*11:01:01G+DRB1*11:20	DRB1*11:09+DRB1*11:14:01G		
DRB1*11:01:01G+DRB1*11:21	DRB1*11:06:01+DRB1*11:14:01G		
DRB1*11:01:01G+DRB1*11:25	DRB1*11:04:01G+DRB1*11:23		
DRB1*11:01:01G+DRB1*11:28:02	DRB1*11:01:12+DRB1*11:28:01		
DRB1*11:01:01G+DRB1*11:31	DRB1*11:19:01+DRB1*11:96		
DRB1*11:01:01G+DRB1*11:34	DRB1*11:04:01G+DRB1*11:26		
DRB1*11:01:01G+DRB1*11:35	DRB1*11:04:01G+DRB1*11:33		
DRB1*11:01:01G+DRB1*11:36	DRB1*11:03+DRB1*11:08:01G	DRB1*11:04:01G+DRB1*11:68	DRB1*11:11:01G+DRB1*11:42
DRB1*11:01:01G+DRB1*11:40	DRB1*11:03+DRB1*11:09		
DRB1*11:01:01G+DRB1*11:41	DRB1*11:03+DRB1*11:37	DRB1*11:11:01G+DRB1*11:56	
DRB1*11:01:01G+DRB1*11:42	DRB1*11:04:01G+DRB1*11:08:01G		
DRB1*11:01:01G+DRB1*11:43	DRB1*11:04:01G+DRB1*11:39		
DRB1*11:01:01G+DRB1*11:44	DRB1*11:04:01G+DRB1*11:49		
DRB1*11:01:01G+DRB1*11:45	DRB1*11:19:01+DRB1*11:23		
DRB1*11:01:01G+DRB1*11:46	DRB1*11:04:04+DRB1*11:62		
DRB1*11:01:01G+DRB1*11:47	DRB1*11:06:01+DRB1*11:29		
DRB1*11:01:01G+DRB1*11:48	DRB1*11:02:01+DRB1*11:37	DRB1*11:14:01G+DRB1*11:56	DRB1*11:19:01+DRB1*11:41
DRB1*11:01:01G+DRB1*11:52	DRB1*11:17+DRB1*11:96		
DRB1*11:01:01G+DRB1*11:54:01	DRB1*11:01:05+DRB1*11:54:02		
DRB1*11:01:01G+DRB1*11:55	DRB1*11:03+DRB1*11:23	DRB1*11:11:01G+DRB1*11:25	
DRB1*11:01:01G+DRB1*11:56	DRB1*11:04:01G+DRB1*11:37		
DRB1*11:01:01G+DRB1*11:57	DRB1*11:06:01+DRB1*11:08:01G		
DRB1*11:01:01G+DRB1*11:58:01	DRB1*11:01:12+DRB1*11:58:02	DRB1*11:04:01G+DRB1*11:28:02	DRB1*11:04:04+DRB1*11:28:01
DRB1*11:01:01G+DRB1*11:58:02	DRB1*11:04:01G+DRB1*11:28:01		
DRB1*11:01:01G+DRB1*11:59	DRB1*11:03+DRB1*11:87		
DRB1*11:01:01G+DRB1*11:63	DRB1*11:03+DRB1*11:29		
DRB1*11:01:01G+DRB1*11:64	DRB1*11:08:01G+DRB1*11:23		
DRB1*11:01:01G+DRB1*11:65:01G	DRB1*11:02:01+DRB1*11:33	DRB1*11:14:01G+DRB1*11:35	
DRB1*11:01:01G+DRB1*11:68	DRB1*11:08:01G+DRB1*11:11:01G		
DRB1*11:01:01G+DRB1*11:70	DRB1*11:02:01+DRB1*11:32		
DRB1*11:01:01G+DRB1*11:73	DRB1*11:19:01+DRB1*11:93		
DRB1*11:01:01G+DRB1*11:79	DRB1*11:26+DRB1*11:93		
DRB1*11:01:01G+DRB1*11:82	DRB1*11:19:01+DRB1*11:69		
DRB1*11:01:01G+DRB1*11:83	DRB1*11:56+DRB1*11:87		
DRB1*11:01:01G+DRB1*11:84	DRB1*11:04:01G+DRB1*11:27:01		
DRB1*11:01:01G+DRB1*11:85	DRB1*11:03+DRB1*11:49	DRB1*11:11:01G+DRB1*11:44	
DRB1*11:01:01G+DRB1*11:87	DRB1*11:28:02+DRB1*11:80		
DRB1*11:01:01G+DRB1*11:92	DRB1*11:04:01G+DRB1*11:72		
DRB1*11:01:01G+DRB1*12:01:01G	DRB1*11:01:05+DRB1*12:01:03	DRB1*11:01:10+DRB1*12:01:02	DRB1*11:19:01+DRB1*12:02:01
	DRB1*11:19:02+DRB1*12:02:04	DRB1*12:04+DRB1*13:100	
DRB1*11:01:01G+DRB1*12:01:03	DRB1*11:01:03G+DRB1*12:01:02	DRB1*11:19:01+DRB1*12:02:02	
DRB1*11:01:01G+DRB1*12:02:01	DRB1*11:01:03G+DRB1*12:02:04	DRB1*11:01:05+DRB1*12:02:02	
DRB1*11:01:01G+DRB1*12:02:04	DRB1*11:06:02+DRB1*12:16		
DRB1*11:01:01G+DRB1*12:05	DRB1*11:19:01+DRB1*12:15		
DRB1*11:01:01G+DRB1*12:09	DRB1*12:04+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*12:12	DRB1*11:08:01G+DRB1*12:02:01		
DRB1*11:01:01G+DRB1*12:21	DRB1*11:37+DRB1*12:02:01		
DRB1*11:01:01G+DRB1*13:01:01G	DRB1*11:02:01+DRB1*13:05:01G	DRB1*11:04:01G+DRB1*13:02:01	DRB1*11:09+DRB1*13:22
	DRB1*11:11:01G+DRB1*13:06	DRB1*11:14:01G+DRB1*13:42	DRB1*11:16+DRB1*13:14:01G
	DRB1*11:18+DRB1*13:63	DRB1*11:20+DRB1*13:11:01	DRB1*11:28:01+DRB1*13:52
	DRB1*11:40+DRB1*13:82	DRB1*11:58:02+DRB1*13:97	DRB1*11:62+DRB1*13:69
DRB1*11:01:01G+DRB1*13:01:03	DRB1*11:01:05+DRB1*13:01:01G	DRB1*11:04:03+DRB1*13:02:01	
DRB1*11:01:01G+DRB1*13:01:05	DRB1*11:04:01G+DRB1*13:02:03	DRB1*11:16+DRB1*13:14:02	DRB1*11:20+DRB1*13:11:02
DRB1*11:01:01G+DRB1*13:02:01	DRB1*11:09+DRB1*13:23	DRB1*11:14:01G+DRB1*13:05:01G	DRB1*11:19:01+DRB1*13:63
	DRB1*11:20+DRB1*13:14:01G	DRB1*11:28:01+DRB1*13:97	
DRB1*11:01:01G+DRB1*13:02:02	DRB1*11:01:03G+DRB1*13:02:01	DRB1*11:19:02+DRB1*13:63	
DRB1*11:01:01G+DRB1*13:02:03	DRB1*11:20+DRB1*13:14:02		
DRB1*11:01:01G+DRB1*13:03:01G	DRB1*11:37+DRB1*13:66:01G	DRB1*11:73+DRB1*13:49	DRB1*11:93+DRB1*13:12
DRB1*11:01:01G+DRB1*13:04	DRB1*11:02:01+DRB1*13:21:01G	DRB1*11:03+DRB1*13:30	DRB1*11:19:01+DRB1*13:75
DRB1*11:01:01G+DRB1*13:05:01G	DRB1*11:09+DRB1*13:14:01G	DRB1*11:62+DRB1*13:50:02	
DRB1*11:01:01G+DRB1*13:06	DRB1*11:18+DRB1*13:05:01G	DRB1*11:19:01+DRB1*13:42	
DRB1*11:01:01G+DRB1*13:07:01	DRB1*11:37+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:07:02	DRB1*11:37+DRB1*13:14:02		
DRB1*11:01:01G+DRB1*13:08	DRB1*11:10:01G+DRB1*13:70	DRB1*11:37+DRB1*13:83	
DRB1*11:01:01G+DRB1*13:09	DRB1*11:69+DRB1*13:06	DRB1*11:82+DRB1*13:42	
DRB1*11:01:01G+DRB1*13:10	DRB1*11:73+DRB1*13:42	DRB1*11:93+DRB1*13:06	
DRB1*11:01:01G+DRB1*13:11:01	DRB1*11:04:01G+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:11:02	DRB1*11:04:01G+DRB1*13:14:02		
DRB1*11:01:01G+DRB1*13:12	DRB1*11:19:01+DRB1*13:49	DRB1*11:37+DRB1*13:30	
DRB1*11:01:01G+DRB1*13:13	DRB1*11:19:01+DRB1*13:55	DRB1*11:23+DRB1*13:12	DRB1*11:45+DRB1*13:49
DRB1*11:01:01G+DRB1*13:16	DRB1*11:86+DRB1*13:05:01G		
DRB1*11:01:01G+DRB1*13:18	DRB1*11:23+DRB1*13:42	DRB1*11:25+DRB1*13:05:01G	
DRB1*11:01:01G+DRB1*13:19	DRB1*11:37+DRB1*13:57		
DRB1*11:01:01G+DRB1*13:20	DRB1*11:03+DRB1*13:56	DRB1*11:04:01G+DRB1*13:29	DRB1*11:36+DRB1*13:05:01G
	DRB1*11:40+DRB1*13:25	DRB1*11:42+DRB1*13:63	DRB1*11:68+DRB1*13:42
DRB1*11:01:01G+DRB1*13:22	DRB1*11:02:01+DRB1*13:14:01G	DRB1*11:03+DRB1*13:82	DRB1*11:04:01G+DRB1*13:23
	DRB1*11:14:01G+DRB1*13:11:01	DRB1*11:19:01+DRB1*13:24	
DRB1*11:01:01G+DRB1*13:23	DRB1*11:11:01G+DRB1*13:82	DRB1*11:14:01G+DRB1*13:14:01G	
DRB1*11:01:01G+DRB1*13:24	DRB1*11:03+DRB1*13:14:01G	DRB1*11:11:01G+DRB1*13:11:01	
DRB1*11:01:01G+DRB1*13:25	DRB1*11:08:01G+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:27	DRB1*11:04:01G+DRB1*13:41	DRB1*11:59+DRB1*13:82	DRB1*11:80+DRB1*13:69
	DRB1*11:87+DRB1*13:22		
DRB1*11:01:01G+DRB1*13:29	DRB1*11:08:01G+DRB1*13:63	DRB1*11:11:01G+DRB1*13:56	DRB1*11:68+DRB1*13:05:01G
DRB1*11:01:01G+DRB1*13:30	DRB1*11:19:01+DRB1*13:21:01G		

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DRB1*11:01:01G+DRB1*13:31	DRB1*11:20+DRB1*13:46		
DRB1*11:01:01G+DRB1*13:32	DRB1*11:04:01G+DRB1*13:65	DRB1*11:09+DRB1*13:48	DRB1*11:16+DRB1*13:49
	DRB1*11:37+DRB1*13:93	DRB1*11:40+DRB1*13:12	
DRB1*11:01:01G+DRB1*13:33:01	DRB1*11:27:02+DRB1*13:03:01G		
DRB1*11:01:01G+DRB1*13:33:02G	DRB1*11:27:01+DRB1*13:03:01G		
DRB1*11:01:01G+DRB1*13:36	DRB1*11:20+DRB1*13:07:01	DRB1*11:37+DRB1*13:02:01	
DRB1*11:01:01G+DRB1*13:37	DRB1*11:73+DRB1*13:07:01		
DRB1*11:01:01G+DRB1*13:38	DRB1*11:11:01G+DRB1*13:12	DRB1*11:14:01G+DRB1*13:49	
DRB1*11:01:01G+DRB1*13:40	DRB1*11:04:01G+DRB1*13:36	DRB1*11:09+DRB1*13:70	DRB1*11:16+DRB1*13:07:01
	DRB1*11:37+DRB1*13:01:01G	DRB1*11:48+DRB1*13:05:01G	DRB1*11:56+DRB1*13:02:01
DRB1*11:01:01G+DRB1*13:41	DRB1*11:87+DRB1*13:23		
DRB1*11:01:01G+DRB1*13:42	DRB1*11:04:01G+DRB1*13:05:01G	DRB1*11:09+DRB1*13:11:01	DRB1*11:46+DRB1*13:50:01
DRB1*11:01:01G+DRB1*13:44	DRB1*11:26+DRB1*13:11:01	DRB1*11:34+DRB1*13:14:01G	
DRB1*11:01:01G+DRB1*13:45	DRB1*11:14:01G+DRB1*14:53		
DRB1*11:01:01G+DRB1*13:47	DRB1*11:23+DRB1*13:07:01		
DRB1*11:01:01G+DRB1*13:48	DRB1*11:02:01+DRB1*13:49	DRB1*11:03+DRB1*13:12	DRB1*11:04:01G+DRB1*13:38
	DRB1*11:37+DRB1*13:04	DRB1*11:41+DRB1*13:30	DRB1*11:48+DRB1*13:21:01G
DRB1*11:01:01G+DRB1*13:49	DRB1*11:37+DRB1*13:21:01G		
DRB1*11:01:01G+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:50:02	DRB1*11:01:12+DRB1*13:50:01	DRB1*11:28:02+DRB1*13:14:01G	
DRB1*11:01:01G+DRB1*13:52	DRB1*11:04:01G+DRB1*13:97	DRB1*11:46+DRB1*13:23	
DRB1*11:01:01G+DRB1*13:53	DRB1*11:37+DRB1*13:15		
DRB1*11:01:01G+DRB1*13:54	DRB1*11:03+DRB1*13:100		
DRB1*11:01:01G+DRB1*13:55	DRB1*11:23+DRB1*13:49		
DRB1*11:01:01G+DRB1*13:56	DRB1*11:08:01G+DRB1*13:05:01G	DRB1*11:09+DRB1*13:25	
DRB1*11:01:01G+DRB1*13:58	DRB1*11:06:01+DRB1*13:12		
DRB1*11:01:01G+DRB1*13:61	DRB1*11:27:01+DRB1*13:01:01G	DRB1*11:84+DRB1*13:02:01	
DRB1*11:01:01G+DRB1*13:62	DRB1*11:15+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:63	DRB1*11:11:01G+DRB1*13:05:01G		
DRB1*11:01:01G+DRB1*13:65	DRB1*11:09+DRB1*13:38	DRB1*11:20+DRB1*13:49	
DRB1*11:01:01G+DRB1*13:66:01G	DRB1*11:73+DRB1*13:21:01G	DRB1*11:93+DRB1*13:30	
DRB1*11:01:01G+DRB1*13:67	DRB1*11:30+DRB1*13:02:01		
DRB1*11:01:01G+DRB1*13:68	DRB1*11:24+DRB1*13:52		
DRB1*11:01:01G+DRB1*13:69	DRB1*11:02:01+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:22	DRB1*11:58:01+DRB1*13:23
DRB1*11:01:01G+DRB1*13:70	DRB1*11:02:01+DRB1*13:07:01	DRB1*11:37+DRB1*13:22	DRB1*11:41+DRB1*13:82
	DRB1*11:48+DRB1*13:14:01G	DRB1*11:56+DRB1*13:23	
DRB1*11:01:01G+DRB1*13:71	DRB1*11:59+DRB1*13:25		
DRB1*11:01:01G+DRB1*13:75	DRB1*11:03+DRB1*13:21:01G		
DRB1*11:01:01G+DRB1*13:79	DRB1*11:04:01G+DRB1*13:39		
DRB1*11:01:01G+DRB1*13:81	DRB1*11:06:01+DRB1*13:03:01G	DRB1*11:93+DRB1*13:58	
DRB1*11:01:01G+DRB1*13:82	DRB1*11:19:01+DRB1*13:14:01G		
DRB1*11:01:01G+DRB1*13:83	DRB1*11:10:01G+DRB1*13:22	DRB1*11:12:01+DRB1*13:52	
DRB1*11:01:01G+DRB1*13:87	DRB1*11:12:01+DRB1*13:01:01G	DRB1*11:28:01+DRB1*13:83	
DRB1*11:01:01G+DRB1*13:89	DRB1*11:04:01G+DRB1*13:03:01G	DRB1*11:56+DRB1*13:66:01G	
DRB1*11:01:01G+DRB1*13:93	DRB1*11:09+DRB1*13:04	DRB1*11:16+DRB1*13:21:01G	DRB1*11:40+DRB1*13:30
DRB1*11:01:01G+DRB1*13:94	DRB1*11:04:01G+DRB1*13:33:01	DRB1*11:27:02+DRB1*13:89	
DRB1*11:01:01G+DRB1*13:96	DRB1*11:27:02+DRB1*13:02:01		
DRB1*11:01:01G+DRB1*14:01:01G	DRB1*11:01:05+DRB1*14:01:02	DRB1*11:04:01G+DRB1*14:07:01G	DRB1*11:10:01G+DRB1*14:58
	DRB1*11:17+DRB1*14:53	DRB1*11:37+DRB1*14:35	
DRB1*11:01:01G+DRB1*14:03:01	DRB1*11:08:01G+DRB1*14:27		
DRB1*11:01:01G+DRB1*14:05:01	DRB1*11:01:05+DRB1*14:05:03	DRB1*11:04:01G+DRB1*14:44:01	DRB1*11:04:03+DRB1*14:44:02
DRB1*11:01:01G+DRB1*14:05:03	DRB1*11:04:01G+DRB1*14:44:02		
DRB1*11:01:01G+DRB1*14:06:01G	DRB1*11:04:01G+DRB1*14:02		
DRB1*11:01:01G+DRB1*14:08	DRB1*11:96+DRB1*14:23:02		
DRB1*11:01:01G+DRB1*14:09	DRB1*11:37+DRB1*14:30		
DRB1*11:01:01G+DRB1*14:02:01G	DRB1*11:04:01G+DRB1*14:03:01	DRB1*11:42+DRB1*14:27	
DRB1*11:01:01G+DRB1*14:16	DRB1*11:02:01+DRB1*14:22		
DRB1*11:01:01G+DRB1*14:17	DRB1*11:04:01G+DRB1*14:30	DRB1*11:09+DRB1*13:44	DRB1*11:26+DRB1*13:42
	DRB1*11:34+DRB1*13:05:01G		
DRB1*11:01:01G+DRB1*14:19	DRB1*11:93+DRB1*14:02		
DRB1*11:01:01G+DRB1*14:21	DRB1*11:79+DRB1*13:42	DRB1*11:93+DRB1*14:17	
DRB1*11:01:01G+DRB1*14:22	DRB1*11:10:01G+DRB1*14:25		
DRB1*11:01:01G+DRB1*14:23:01	DRB1*11:04:01G+DRB1*14:14	DRB1*11:17+DRB1*13:14:01G	
DRB1*11:01:01G+DRB1*14:25	DRB1*11:37+DRB1*14:53		
DRB1*11:01:01G+DRB1*14:28	DRB1*11:06:01+DRB1*14:68		
DRB1*11:01:01G+DRB1*14:29	DRB1*11:06:01+DRB1*14:02		
DRB1*11:01:01G+DRB1*14:30	DRB1*11:26+DRB1*13:05:01G		
DRB1*11:01:01G+DRB1*14:32:02	DRB1*11:01:05+DRB1*14:32:01	DRB1*11:13:01G+DRB1*14:25	
DRB1*11:01:01G+DRB1*14:33	DRB1*11:54:02+DRB1*14:30		
DRB1*11:01:01G+DRB1*14:38	DRB1*11:27:01+DRB1*14:01:02		
DRB1*11:01:01G+DRB1*14:44:01	DRB1*11:01:05+DRB1*14:44:02		
DRB1*11:01:01G+DRB1*14:47	DRB1*11:27:01+DRB1*14:02		
DRB1*11:01:01G+DRB1*14:55	DRB1*11:23+DRB1*14:32:02		
DRB1*11:01:01G+DRB1*14:61	DRB1*11:05+DRB1*14:01:01G		
DRB1*11:01:01G+DRB1*14:65	DRB1*11:13:01G+DRB1*13:21:01G		
DRB1*11:01:01G+DRB1*14:67	DRB1*11:19:01+DRB1*14:27		
DRB1*11:01:01G+DRB1*14:69	DRB1*11:08:01G+DRB1*14:25		
DRB1*11:01:01G+DRB1*14:74	DRB1*11:42+DRB1*14:22		
DRB1*11:01:01G+DRB1*14:78	DRB1*11:04:01G+DRB1*14:63		
DRB1*11:01:01G+DRB1*14:79	DRB1*11:96+DRB1*14:76		
DRB1*11:01:01G+DRB1*14:80	DRB1*11:04:01G+DRB1*14:09	DRB1*11:37+DRB1*14:17	DRB1*11:56+DRB1*14:30
DRB1*11:01:01G+DRB1*14:86	DRB1*11:39+DRB1*14:01:01G	DRB1*11:43+DRB1*14:07:01G	
DRB1*11:01:01G+DRB1*14:88	DRB1*11:94+DRB1*14:01:01G		
DRB1*11:01:01G+DRB1*14:89	DRB1*11:23+DRB1*14:02	DRB1*11:26+DRB1*14:27	
DRB1*11:01:01G+DRB1*14:96	DRB1*11:39+DRB1*14:05:01	DRB1*11:43+DRB1*14:44:01	
DRB1*11:01:01G+DRB1*14:98	DRB1*11:27:01+DRB1*14:03:01		
DRB1*11:01:01G+DRB1*14:99	DRB1*11:06:01+DRB1*14:07:01G		
DRB1*11:01:01G+DRB1*15:01:01G	DRB1*11:04:01G+DRB1*15:02:01	DRB1*11:18+DRB1*15:15	DRB1*11:19:01+DRB1*15:04
DRB1*11:01:01G+DRB1*15:01:03	DRB1*11:01:05+DRB1*15:01:01G	DRB1*11:04:01G+DRB1*15:02:06	DRB1*11:04:03+DRB1*15:02:01
DRB1*11:01:01G+DRB1*15:01:04	DRB1*11:04:01G+DRB1*15:02:02G		
DRB1*11:01:01G+DRB1*15:01:09	DRB1*11:04:01G+DRB1*15:02:04		
DRB1*11:01:01G+DRB1*15:01:10	DRB1*11:04:01G+DRB1*15:02:08		
DRB1*11:01:01G+DRB1*15:02:01	DRB1*11:19:01+DRB1*15:15		
DRB1*11:01:01G+DRB1*15:02:06	DRB1*11:01:05+DRB1*15:02:01		
DRB1*11:01:01G+DRB1*15:04	DRB1*11:04:01G+DRB1*15:15		
DRB1*11:01:01G+DRB1*15:05	DRB1*11:04:01G+DRB1*15:31	DRB1*11:08:01G+DRB1*15:04	DRB1*11:42+DRB1*15:15
DRB1*11:01:01G+DRB1*15:07	DRB1*11:04:01G+DRB1*15:11	DRB1*11:37+DRB1*15:01:01G	DRB1*11:56+DRB1*15:02:01
DRB1*11:01:01G+DRB1*15:11	DRB1*11:37+DRB1*15:02:01	DRB1*11:82+DRB1*16:01:02	
DRB1*11:01:01G+DRB1*15:31	DRB1*11:08:01G+DRB1*15:15		
DRB1*11:01:01G+DRB1*15:32	DRB1*11:28:01+DRB1*15:01:01G	DRB1*11:58:02+DRB1*15:02:01	
DRB1*11:01:01G+DRB1*15:34	DRB1*11:26+DRB1*16:01:02	DRB1*11:37+DRB1*15:27	
DRB1*11:01:01G+DRB1*15:35	DRB1*11:06:01+DRB1*15:02:01		
DRB1*11:01:01G+DRB1*15:37	DRB1*11:27:02+DRB1*15:01:01G		
DRB1*11:01:01G+DRB1*15:43	DRB1*11:78+DRB1*15:02:01		
DRB1*11:01:01G+DRB1*15:47	DRB1*11:39+DRB1*15:02:01		

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DRB1*11:01:01G+DRB1*15:48	DRB1*11:37+DRB1*15:09	DRB1*11:88+DRB1*15:02:01	
DRB1*11:01:01G+DRB1*15:51	DRB1*11:90+DRB1*15:01:01G		
DRB1*11:01:01G+DRB1*16:01:01	DRB1*11:01:03G+DRB1*16:01:02	DRB1*11:37+DRB1*16:09	
DRB1*11:01:01G+DRB1*16:02:01	DRB1*11:01:03G+DRB1*16:02:02	DRB1*11:08:01G+DRB1*16:01:01	DRB1*11:37+DRB1*16:10
	DRB1*13:14:02+DRB1*16:16		
DRB1*11:01:01G+DRB1*16:02:02	DRB1*11:08:01G+DRB1*16:01:02		
DRB1*11:01:01G+DRB1*16:04	DRB1*11:23+DRB1*16:01:02		
DRB1*11:01:01G+DRB1*16:05:01	DRB1*11:19:01+DRB1*16:01:01	DRB1*11:19:02+DRB1*16:01:02	
DRB1*11:01:01G+DRB1*16:10	DRB1*11:08:01G+DRB1*16:09		
DRB1*11:01:01G+DRB1*16:15	DRB1*11:04:01G+DRB1*16:01:01	DRB1*11:56+DRB1*16:09	
DRB1*11:01:03G+DRB1*11:02:01	DRB1*11:03+DRB1*11:19:02		
DRB1*11:01:03G+DRB1*11:04:03	DRB1*11:01:10+DRB1*11:04:01G		
DRB1*11:01:03G+DRB1*11:06:02	DRB1*11:01:10+DRB1*11:06:01		
DRB1*11:01:03G+DRB1*11:14:01G	DRB1*11:11:01G+DRB1*11:19:02		
DRB1*11:01:03G+DRB1*11:16	DRB1*11:19:02+DRB1*11:40		
DRB1*11:01:03G+DRB1*11:18	DRB1*11:04:01G+DRB1*11:19:02		
DRB1*11:01:03G+DRB1*11:31	DRB1*11:19:02+DRB1*11:96		
DRB1*11:01:03G+DRB1*11:45	DRB1*11:19:02+DRB1*11:23		
DRB1*11:01:03G+DRB1*11:48	DRB1*11:19:02+DRB1*11:41		
DRB1*11:01:03G+DRB1*11:54:01	DRB1*11:01:10+DRB1*11:54:02		
DRB1*11:01:03G+DRB1*11:73	DRB1*11:19:02+DRB1*11:93		
DRB1*11:01:03G+DRB1*11:82	DRB1*11:19:02+DRB1*11:69		
DRB1*11:01:03G+DRB1*12:01:01G	DRB1*11:01:10+DRB1*12:01:03	DRB1*11:19:02+DRB1*12:02:01	
DRB1*11:01:03G+DRB1*12:01:03	DRB1*11:19:02+DRB1*12:02:02		
DRB1*11:01:03G+DRB1*12:02:01	DRB1*11:01:10+DRB1*12:02:02		
DRB1*11:01:03G+DRB1*12:05	DRB1*11:19:02+DRB1*12:15		
DRB1*11:01:03G+DRB1*13:01:01G	DRB1*11:04:01G+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*13:01:03	DRB1*11:01:10+DRB1*13:01:01G	DRB1*11:04:03+DRB1*13:02:02	
DRB1*11:01:03G+DRB1*13:04	DRB1*11:19:02+DRB1*13:75		
DRB1*11:01:03G+DRB1*13:06	DRB1*11:19:02+DRB1*13:42		
DRB1*11:01:03G+DRB1*13:12	DRB1*11:19:02+DRB1*13:49		
DRB1*11:01:03G+DRB1*13:13	DRB1*11:19:02+DRB1*13:55		
DRB1*11:01:03G+DRB1*13:22	DRB1*11:19:02+DRB1*13:24		
DRB1*11:01:03G+DRB1*13:30	DRB1*11:19:02+DRB1*13:21:01G		
DRB1*11:01:03G+DRB1*13:36	DRB1*11:37+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*13:40	DRB1*11:56+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*13:61	DRB1*11:84+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*13:67	DRB1*11:30+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*13:82	DRB1*11:19:02+DRB1*13:14:01G		
DRB1*11:01:03G+DRB1*13:96	DRB1*11:27:02+DRB1*13:02:02		
DRB1*11:01:03G+DRB1*14:01:01G	DRB1*11:01:10+DRB1*14:01:02		
DRB1*11:01:03G+DRB1*14:05:01	DRB1*11:01:10+DRB1*14:05:03		
DRB1*11:01:03G+DRB1*14:32:02	DRB1*11:01:10+DRB1*14:32:01		
DRB1*11:01:03G+DRB1*14:44:01	DRB1*11:01:10+DRB1*14:44:02		
DRB1*11:01:03G+DRB1*14:67	DRB1*11:19:02+DRB1*14:27		
DRB1*11:01:03G+DRB1*15:01:01G	DRB1*11:19:02+DRB1*15:04		
DRB1*11:01:03G+DRB1*15:01:03	DRB1*11:01:10+DRB1*15:01:01G		
DRB1*11:01:03G+DRB1*15:02:01	DRB1*11:19:02+DRB1*15:15	DRB1*11:82+DRB1*16:09	
DRB1*11:01:03G+DRB1*15:02:06	DRB1*11:01:10+DRB1*15:02:01		
DRB1*11:01:03G+DRB1*15:07	DRB1*11:82+DRB1*16:15		
DRB1*11:01:03G+DRB1*15:10	DRB1*11:02:01+DRB1*16:09		
DRB1*11:01:03G+DRB1*15:11	DRB1*11:69+DRB1*16:05:01	DRB1*11:82+DRB1*16:01:01	
DRB1*11:01:03G+DRB1*15:15	DRB1*11:69+DRB1*16:09		
DRB1*11:01:03G+DRB1*15:25	DRB1*11:07+DRB1*16:09		
DRB1*11:01:03G+DRB1*15:27	DRB1*11:26+DRB1*16:09		
DRB1*11:01:03G+DRB1*15:31	DRB1*11:69+DRB1*16:10		
DRB1*11:01:03G+DRB1*15:34	DRB1*11:26+DRB1*16:01:01		
DRB1*11:01:03G+DRB1*16:04	DRB1*11:23+DRB1*16:01:01		
DRB1*11:01:03G+DRB1*16:05:01	DRB1*11:19:02+DRB1*16:01:01		
DRB1*11:01:04+DRB1*11:02:01	DRB1*11:04:05+DRB1*11:14:01G		
DRB1*11:01:04+DRB1*11:03	DRB1*11:04:05+DRB1*11:11:01G		
DRB1*11:01:04+DRB1*11:04:03	DRB1*11:01:05+DRB1*11:04:05		
DRB1*11:01:04+DRB1*11:04:04	DRB1*11:01:12+DRB1*11:04:05		
DRB1*11:01:04+DRB1*11:16	DRB1*11:04:05+DRB1*11:20		
DRB1*11:01:04+DRB1*11:18	DRB1*11:04:05+DRB1*11:19:01		
DRB1*11:01:04+DRB1*11:25	DRB1*11:04:05+DRB1*11:23		
DRB1*11:01:04+DRB1*11:34	DRB1*11:04:05+DRB1*11:26		
DRB1*11:01:04+DRB1*11:35	DRB1*11:04:05+DRB1*11:33		
DRB1*11:01:04+DRB1*11:36	DRB1*11:04:05+DRB1*11:68		
DRB1*11:01:04+DRB1*11:42	DRB1*11:04:05+DRB1*11:08:01G		
DRB1*11:01:04+DRB1*11:43	DRB1*11:04:05+DRB1*11:39		
DRB1*11:01:04+DRB1*11:44	DRB1*11:04:05+DRB1*11:49		
DRB1*11:01:04+DRB1*11:56	DRB1*11:04:05+DRB1*11:37		
DRB1*11:01:04+DRB1*11:58:01	DRB1*11:04:05+DRB1*11:28:02		
DRB1*11:01:04+DRB1*11:58:02	DRB1*11:04:05+DRB1*11:28:01		
DRB1*11:01:04+DRB1*11:84	DRB1*11:04:05+DRB1*11:27:01		
DRB1*11:01:04+DRB1*11:92	DRB1*11:04:05+DRB1*11:72		
DRB1*11:01:04+DRB1*13:01:01G	DRB1*11:04:05+DRB1*13:02:01		
DRB1*11:01:04+DRB1*13:01:05	DRB1*11:04:05+DRB1*13:02:03		
DRB1*11:01:04+DRB1*13:11:01	DRB1*11:04:05+DRB1*13:14:01G		
DRB1*11:01:04+DRB1*13:11:02	DRB1*11:04:05+DRB1*13:14:02		
DRB1*11:01:04+DRB1*13:20	DRB1*11:04:05+DRB1*13:29		
DRB1*11:01:04+DRB1*13:22	DRB1*11:04:05+DRB1*13:23		
DRB1*11:01:04+DRB1*13:27	DRB1*11:04:05+DRB1*13:41		
DRB1*11:01:04+DRB1*13:32	DRB1*11:04:05+DRB1*13:65		
DRB1*11:01:04+DRB1*13:40	DRB1*11:04:05+DRB1*13:36		
DRB1*11:01:04+DRB1*13:42	DRB1*11:04:05+DRB1*13:05:01G		
DRB1*11:01:04+DRB1*13:48	DRB1*11:04:05+DRB1*13:38		
DRB1*11:01:04+DRB1*13:52	DRB1*11:04:05+DRB1*13:97		
DRB1*11:01:04+DRB1*13:79	DRB1*11:04:05+DRB1*13:39		
DRB1*11:01:04+DRB1*13:89	DRB1*11:04:05+DRB1*13:03:01G		
DRB1*11:01:04+DRB1*13:94	DRB1*11:04:05+DRB1*13:33:01		
DRB1*11:01:04+DRB1*14:01:01G	DRB1*11:04:05+DRB1*14:07:01G		
DRB1*11:01:04+DRB1*14:04	DRB1*11:04:05+DRB1*14:68		
DRB1*11:01:04+DRB1*14:05:01	DRB1*11:04:05+DRB1*14:44:01		
DRB1*11:01:04+DRB1*14:05:03	DRB1*11:04:05+DRB1*14:44:02		
DRB1*11:01:04+DRB1*14:06:01G	DRB1*11:04:05+DRB1*14:02		
DRB1*11:01:04+DRB1*14:02:01G	DRB1*11:04:05+DRB1*14:03:01		
DRB1*11:01:04+DRB1*14:17	DRB1*11:04:05+DRB1*14:30		
DRB1*11:01:04+DRB1*14:23:01	DRB1*11:04:05+DRB1*14:14		
DRB1*11:01:04+DRB1*14:78	DRB1*11:04:05+DRB1*14:63		
DRB1*11:01:04+DRB1*14:80	DRB1*11:04:05+DRB1*14:09		
DRB1*11:01:04+DRB1*15:01:01G	DRB1*11:04:05+DRB1*15:02:01		
DRB1*11:01:04+DRB1*15:01:03	DRB1*11:04:05+DRB1*15:02:06		
DRB1*11:01:04+DRB1*15:01:04	DRB1*11:04:05+DRB1*15:02:02G		

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DRB1*11:01:04+DRB1*15:01:09	DRB1*11:04:05+DRB1*15:02:04		
DRB1*11:01:04+DRB1*15:01:10	DRB1*11:04:05+DRB1*15:02:08		
DRB1*11:01:04+DRB1*15:04	DRB1*11:04:05+DRB1*15:15		
DRB1*11:01:04+DRB1*15:05	DRB1*11:04:05+DRB1*15:31		
DRB1*11:01:04+DRB1*15:07	DRB1*11:04:05+DRB1*15:11		
DRB1*11:01:04+DRB1*16:15	DRB1*11:04:05+DRB1*16:01:01		
DRB1*11:01:05+DRB1*11:02:01	DRB1*11:04:03+DRB1*11:14:01G		
DRB1*11:01:05+DRB1*11:03	DRB1*11:04:03+DRB1*11:11:01G		
DRB1*11:01:05+DRB1*11:04:04	DRB1*11:01:12+DRB1*11:04:03		
DRB1*11:01:05+DRB1*11:16	DRB1*11:04:03+DRB1*11:20		
DRB1*11:01:05+DRB1*11:18	DRB1*11:04:03+DRB1*11:19:01		
DRB1*11:01:05+DRB1*11:19:02	DRB1*11:01:10+DRB1*11:19:01		
DRB1*11:01:05+DRB1*11:21	DRB1*11:06:02+DRB1*11:14:01G		
DRB1*11:01:05+DRB1*11:25	DRB1*11:04:03+DRB1*11:23		
DRB1*11:01:05+DRB1*11:34	DRB1*11:04:03+DRB1*11:26		
DRB1*11:01:05+DRB1*11:35	DRB1*11:04:03+DRB1*11:33		
DRB1*11:01:05+DRB1*11:36	DRB1*11:04:03+DRB1*11:68		
DRB1*11:01:05+DRB1*11:42	DRB1*11:04:03+DRB1*11:08:01G		
DRB1*11:01:05+DRB1*11:43	DRB1*11:04:03+DRB1*11:39		
DRB1*11:01:05+DRB1*11:44	DRB1*11:04:03+DRB1*11:49		
DRB1*11:01:05+DRB1*11:47	DRB1*11:06:02+DRB1*11:29		
DRB1*11:01:05+DRB1*11:56	DRB1*11:04:03+DRB1*11:37		
DRB1*11:01:05+DRB1*11:57	DRB1*11:06:02+DRB1*11:08:01G		
DRB1*11:01:05+DRB1*11:58:01	DRB1*11:04:03+DRB1*11:28:02		
DRB1*11:01:05+DRB1*11:58:02	DRB1*11:04:03+DRB1*11:28:01		
DRB1*11:01:05+DRB1*11:84	DRB1*11:04:03+DRB1*11:27:01		
DRB1*11:01:05+DRB1*11:92	DRB1*11:04:03+DRB1*11:72		
DRB1*11:01:05+DRB1*12:01:02	DRB1*11:19:01+DRB1*12:02:04		
DRB1*11:01:05+DRB1*12:02:01	DRB1*11:01:10+DRB1*12:02:04		
DRB1*11:01:05+DRB1*12:03:02	DRB1*11:19:01+DRB1*12:19		
DRB1*11:01:05+DRB1*13:01:05	DRB1*11:04:03+DRB1*13:02:03		
DRB1*11:01:05+DRB1*13:02:02	DRB1*11:01:10+DRB1*13:02:01		
DRB1*11:01:05+DRB1*13:11:01	DRB1*11:04:03+DRB1*13:14:01G		
DRB1*11:01:05+DRB1*13:11:02	DRB1*11:04:03+DRB1*13:14:02		
DRB1*11:01:05+DRB1*13:20	DRB1*11:04:03+DRB1*13:29		
DRB1*11:01:05+DRB1*13:22	DRB1*11:04:03+DRB1*13:23		
DRB1*11:01:05+DRB1*13:27	DRB1*11:04:03+DRB1*13:41		
DRB1*11:01:05+DRB1*13:32	DRB1*11:04:03+DRB1*13:65		
DRB1*11:01:05+DRB1*13:40	DRB1*11:04:03+DRB1*13:36	DRB1*11:37+DRB1*13:01:03	
DRB1*11:01:05+DRB1*13:42	DRB1*11:04:03+DRB1*13:05:01G		
DRB1*11:01:05+DRB1*13:48	DRB1*11:04:03+DRB1*13:38		
DRB1*11:01:05+DRB1*13:52	DRB1*11:04:03+DRB1*13:97		
DRB1*11:01:05+DRB1*13:58	DRB1*11:06:02+DRB1*13:12		
DRB1*11:01:05+DRB1*13:61	DRB1*11:27:01+DRB1*13:01:03		
DRB1*11:01:05+DRB1*13:79	DRB1*11:04:03+DRB1*13:39		
DRB1*11:01:05+DRB1*13:81	DRB1*11:06:02+DRB1*13:03:01G		
DRB1*11:01:05+DRB1*13:87	DRB1*11:12:01+DRB1*13:01:03		
DRB1*11:01:05+DRB1*13:89	DRB1*11:04:03+DRB1*13:03:01G		
DRB1*11:01:05+DRB1*13:94	DRB1*11:04:03+DRB1*13:33:01		
DRB1*11:01:05+DRB1*14:01:01G	DRB1*11:04:03+DRB1*14:07:01G		
DRB1*11:01:05+DRB1*14:04	DRB1*11:04:03+DRB1*14:68		
DRB1*11:01:05+DRB1*14:05:01	DRB1*11:04:03+DRB1*14:44:01		
DRB1*11:01:05+DRB1*14:06:01G	DRB1*11:04:03+DRB1*14:02		
DRB1*11:01:05+DRB1*14:02:01G	DRB1*11:04:03+DRB1*14:03:01		
DRB1*11:01:05+DRB1*14:17	DRB1*11:04:03+DRB1*14:30		
DRB1*11:01:05+DRB1*14:23:01	DRB1*11:04:03+DRB1*14:14		
DRB1*11:01:05+DRB1*14:28	DRB1*11:06:02+DRB1*14:68		
DRB1*11:01:05+DRB1*14:29	DRB1*11:06:02+DRB1*14:02		
DRB1*11:01:05+DRB1*14:33	DRB1*11:54:01+DRB1*14:30		
DRB1*11:01:05+DRB1*14:38	DRB1*11:27:01+DRB1*14:01:01G	DRB1*11:84+DRB1*14:07:01G	
DRB1*11:01:05+DRB1*14:50	DRB1*11:27:01+DRB1*14:04	DRB1*11:84+DRB1*14:68	
DRB1*11:01:05+DRB1*14:78	DRB1*11:04:03+DRB1*14:63		
DRB1*11:01:05+DRB1*14:80	DRB1*11:04:03+DRB1*14:09		
DRB1*11:01:05+DRB1*14:93	DRB1*11:27:02+DRB1*14:68		
DRB1*11:01:05+DRB1*14:99	DRB1*11:06:02+DRB1*14:07:01G		
DRB1*11:01:05+DRB1*15:01:03	DRB1*11:04:03+DRB1*15:02:06		
DRB1*11:01:05+DRB1*15:01:04	DRB1*11:04:03+DRB1*15:02:02G		
DRB1*11:01:05+DRB1*15:01:09	DRB1*11:04:03+DRB1*15:02:04		
DRB1*11:01:05+DRB1*15:01:10	DRB1*11:04:03+DRB1*15:02:08		
DRB1*11:01:05+DRB1*15:04	DRB1*11:04:03+DRB1*15:15		
DRB1*11:01:05+DRB1*15:05	DRB1*11:04:03+DRB1*15:31		
DRB1*11:01:05+DRB1*15:07	DRB1*11:04:03+DRB1*15:11	DRB1*11:37+DRB1*15:01:03	DRB1*11:56+DRB1*15:02:06
DRB1*11:01:05+DRB1*15:11	DRB1*11:37+DRB1*15:02:06		
DRB1*11:01:05+DRB1*15:32	DRB1*11:28:01+DRB1*15:01:03	DRB1*11:58:02+DRB1*15:02:06	
DRB1*11:01:05+DRB1*15:35	DRB1*11:06:01+DRB1*15:02:06	DRB1*11:06:02+DRB1*15:02:01	
DRB1*11:01:05+DRB1*15:37	DRB1*11:27:02+DRB1*15:01:03		
DRB1*11:01:05+DRB1*15:43	DRB1*11:78+DRB1*15:02:06		
DRB1*11:01:05+DRB1*15:47	DRB1*11:39+DRB1*15:02:06		
DRB1*11:01:05+DRB1*15:48	DRB1*11:88+DRB1*15:02:06		
DRB1*11:01:05+DRB1*15:51	DRB1*11:90+DRB1*15:01:03		
DRB1*11:01:05+DRB1*16:01:01	DRB1*11:01:10+DRB1*16:01:02		
DRB1*11:01:05+DRB1*16:02:01	DRB1*11:01:10+DRB1*16:02:02		
DRB1*11:01:05+DRB1*16:15	DRB1*11:04:03+DRB1*16:01:01		
DRB1*11:01:10+DRB1*11:18	DRB1*11:04:03+DRB1*11:19:02		
DRB1*11:01:10+DRB1*12:03:02	DRB1*11:19:02+DRB1*12:19		
DRB1*11:01:12+DRB1*11:02:01	DRB1*11:04:04+DRB1*11:14:01G		
DRB1*11:01:12+DRB1*11:03	DRB1*11:04:04+DRB1*11:11:01G		
DRB1*11:01:12+DRB1*11:16	DRB1*11:04:04+DRB1*11:20		
DRB1*11:01:12+DRB1*11:18	DRB1*11:04:04+DRB1*11:19:01		
DRB1*11:01:12+DRB1*11:25	DRB1*11:04:04+DRB1*11:23		
DRB1*11:01:12+DRB1*11:34	DRB1*11:04:04+DRB1*11:26		
DRB1*11:01:12+DRB1*11:35	DRB1*11:04:04+DRB1*11:33		
DRB1*11:01:12+DRB1*11:36	DRB1*11:04:04+DRB1*11:68		
DRB1*11:01:12+DRB1*11:42	DRB1*11:04:04+DRB1*11:08:01G		
DRB1*11:01:12+DRB1*11:43	DRB1*11:04:04+DRB1*11:39		
DRB1*11:01:12+DRB1*11:44	DRB1*11:04:04+DRB1*11:49		
DRB1*11:01:12+DRB1*11:56	DRB1*11:04:04+DRB1*11:37		
DRB1*11:01:12+DRB1*11:58:01	DRB1*11:04:04+DRB1*11:28:02		
DRB1*11:01:12+DRB1*11:84	DRB1*11:04:04+DRB1*11:27:01		
DRB1*11:01:12+DRB1*11:92	DRB1*11:04:04+DRB1*11:72		
DRB1*11:01:12+DRB1*13:01:01G	DRB1*11:04:04+DRB1*13:02:01	DRB1*11:28:02+DRB1*13:52	DRB1*11:58:01+DRB1*13:97
DRB1*11:01:12+DRB1*13:01:05	DRB1*11:04:04+DRB1*13:02:03		
DRB1*11:01:12+DRB1*13:02:01	DRB1*11:28:02+DRB1*13:97		
DRB1*11:01:12+DRB1*13:11:01	DRB1*11:04:04+DRB1*13:14:01G		
DRB1*11:01:12+DRB1*13:11:02	DRB1*11:04:04+DRB1*13:14:02		

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DRB1*11:01:12+DRB1*13:20	DRB1*11:04:04+DRB1*13:29		
DRB1*11:01:12+DRB1*13:22	DRB1*11:04:04+DRB1*13:23		
DRB1*11:01:12+DRB1*13:27	DRB1*11:04:04+DRB1*13:41		
DRB1*11:01:12+DRB1*13:32	DRB1*11:04:04+DRB1*13:65		
DRB1*11:01:12+DRB1*13:40	DRB1*11:04:04+DRB1*13:36		
DRB1*11:01:12+DRB1*13:42	DRB1*11:04:04+DRB1*13:05:01G	DRB1*11:46+DRB1*13:50:02	
DRB1*11:01:12+DRB1*13:48	DRB1*11:04:04+DRB1*13:38		
DRB1*11:01:12+DRB1*13:52	DRB1*11:04:04+DRB1*13:97		
DRB1*11:01:12+DRB1*13:79	DRB1*11:04:04+DRB1*13:39		
DRB1*11:01:12+DRB1*13:83	DRB1*11:12:02+DRB1*13:52		
DRB1*11:01:12+DRB1*13:87	DRB1*11:10:01G+DRB1*13:69	DRB1*11:12:02+DRB1*13:01:01G	DRB1*11:28:02+DRB1*13:83
DRB1*11:01:12+DRB1*13:89	DRB1*11:04:04+DRB1*13:03:01G		
DRB1*11:01:12+DRB1*13:94	DRB1*11:04:04+DRB1*13:33:01		
DRB1*11:01:12+DRB1*14:01:01G	DRB1*11:04:04+DRB1*14:07:01G		
DRB1*11:01:12+DRB1*14:04	DRB1*11:04:04+DRB1*14:68		
DRB1*11:01:12+DRB1*14:05:01	DRB1*11:04:04+DRB1*14:44:01		
DRB1*11:01:12+DRB1*14:05:03	DRB1*11:04:04+DRB1*14:44:02		
DRB1*11:01:12+DRB1*14:06:01G	DRB1*11:04:04+DRB1*14:02		
DRB1*11:01:12+DRB1*14:10	DRB1*11:22+DRB1*14:01:01G		
DRB1*11:01:12+DRB1*14:02:01G	DRB1*11:04:04+DRB1*14:03:01		
DRB1*11:01:12+DRB1*14:17	DRB1*11:04:04+DRB1*14:30		
DRB1*11:01:12+DRB1*14:23:01	DRB1*11:04:04+DRB1*14:14		
DRB1*11:01:12+DRB1*14:78	DRB1*11:04:04+DRB1*14:63		
DRB1*11:01:12+DRB1*14:80	DRB1*11:04:04+DRB1*14:09		
DRB1*11:01:12+DRB1*15:01:01G	DRB1*11:04:04+DRB1*15:02:01		
DRB1*11:01:12+DRB1*15:01:03	DRB1*11:04:04+DRB1*15:02:06		
DRB1*11:01:12+DRB1*15:01:04	DRB1*11:04:04+DRB1*15:02:02G		
DRB1*11:01:12+DRB1*15:01:09	DRB1*11:04:04+DRB1*15:02:04		
DRB1*11:01:12+DRB1*15:01:10	DRB1*11:04:04+DRB1*15:02:08		
DRB1*11:01:12+DRB1*15:04	DRB1*11:04:04+DRB1*15:15		
DRB1*11:01:12+DRB1*15:05	DRB1*11:04:04+DRB1*15:31		
DRB1*11:01:12+DRB1*15:07	DRB1*11:04:04+DRB1*15:11		
DRB1*11:01:12+DRB1*15:32	DRB1*11:28:02+DRB1*15:01:01G	DRB1*11:58:01+DRB1*15:02:01	
DRB1*11:01:12+DRB1*16:15	DRB1*11:04:04+DRB1*16:01:01		
DRB1*11:02:01+DRB1*11:04:01G	DRB1*11:03+DRB1*11:18		
DRB1*11:02:01+DRB1*11:06:01	DRB1*11:04:01G+DRB1*11:21		
DRB1*11:02:01+DRB1*11:06:02	DRB1*11:04:03+DRB1*11:21		
DRB1*11:02:01+DRB1*11:08:01G	DRB1*11:14:01G+DRB1*11:42	DRB1*11:18+DRB1*11:68	DRB1*11:19:01+DRB1*11:36
DRB1*11:02:01+DRB1*11:11:01G	DRB1*11:03+DRB1*11:14:01G		
DRB1*11:02:01+DRB1*11:19:01	DRB1*11:14:01G+DRB1*11:18	DRB1*11:73+DRB1*11:98	
DRB1*11:02:01+DRB1*11:20	DRB1*11:14:01G+DRB1*11:16		
DRB1*11:02:01+DRB1*11:23	DRB1*11:03+DRB1*11:45	DRB1*11:14:01G+DRB1*11:25	DRB1*11:19:01+DRB1*11:55
DRB1*11:02:01+DRB1*11:25	DRB1*11:18+DRB1*11:55		
DRB1*11:02:01+DRB1*11:26	DRB1*11:14:01G+DRB1*11:34	DRB1*11:79+DRB1*11:98	
DRB1*11:02:01+DRB1*11:27:01	DRB1*11:14:01G+DRB1*11:84		
DRB1*11:02:01+DRB1*11:28:01	DRB1*11:14:01G+DRB1*11:58:02		
DRB1*11:02:01+DRB1*11:28:02	DRB1*11:14:01G+DRB1*11:58:01		
DRB1*11:02:01+DRB1*11:29	DRB1*11:19:01+DRB1*11:63		
DRB1*11:02:01+DRB1*11:35	DRB1*11:04:01G+DRB1*11:65:01G		
DRB1*11:02:01+DRB1*11:39	DRB1*11:14:01G+DRB1*11:43		
DRB1*11:02:01+DRB1*11:40	DRB1*11:03+DRB1*11:16		
DRB1*11:02:01+DRB1*11:41	DRB1*11:03+DRB1*11:48		
DRB1*11:02:01+DRB1*11:42	DRB1*11:18+DRB1*11:36		
DRB1*11:02:01+DRB1*11:44	DRB1*11:18+DRB1*11:85		
DRB1*11:02:01+DRB1*11:49	DRB1*11:14:01G+DRB1*11:44	DRB1*11:19:01+DRB1*11:85	
DRB1*11:02:01+DRB1*11:56	DRB1*11:04:01G+DRB1*11:48	DRB1*11:18+DRB1*11:41	
DRB1*11:02:01+DRB1*11:57	DRB1*11:21+DRB1*11:42		
DRB1*11:02:01+DRB1*11:64	DRB1*11:36+DRB1*11:45		
DRB1*11:02:01+DRB1*11:68	DRB1*11:14:01G+DRB1*11:36		
DRB1*11:02:01+DRB1*11:69	DRB1*11:03+DRB1*11:82		
DRB1*11:02:01+DRB1*11:72	DRB1*11:14:01G+DRB1*11:92		
DRB1*11:02:01+DRB1*11:87	DRB1*11:19:01+DRB1*11:59		
DRB1*11:02:01+DRB1*11:93	DRB1*11:03+DRB1*11:73		
DRB1*11:02:01+DRB1*11:96	DRB1*11:03+DRB1*11:31		
DRB1*11:02:01+DRB1*12:01:03	DRB1*11:21+DRB1*12:03:02		
DRB1*11:02:01+DRB1*12:02:01	DRB1*11:03+DRB1*12:01:01G	DRB1*11:21+DRB1*12:19	DRB1*12:04+DRB1*13:54
DRB1*11:02:01+DRB1*12:02:02	DRB1*11:03+DRB1*12:01:03		
DRB1*11:02:01+DRB1*12:09	DRB1*12:04+DRB1*13:22		
DRB1*11:02:01+DRB1*12:12	DRB1*11:36+DRB1*12:01:01G		
DRB1*11:02:01+DRB1*12:15	DRB1*11:03+DRB1*12:05	DRB1*11:76+DRB1*12:14	
DRB1*11:02:01+DRB1*12:21	DRB1*11:41+DRB1*12:01:01G	DRB1*11:48+DRB1*12:02:01	
DRB1*11:02:01+DRB1*13:01:01G	DRB1*11:16+DRB1*13:22		
DRB1*11:02:01+DRB1*13:02:01	DRB1*11:14:01G+DRB1*13:01:01G	DRB1*11:16+DRB1*13:23	DRB1*11:20+DRB1*13:22
DRB1*11:02:01+DRB1*13:02:03	DRB1*11:14:01G+DRB1*13:01:05		
DRB1*11:02:01+DRB1*13:03:01G	DRB1*11:14:01G+DRB1*13:89	DRB1*11:48+DRB1*13:66:01G	DRB1*11:73+DRB1*13:48
DRB1*11:02:01+DRB1*13:03:03	DRB1*11:02:02+DRB1*13:03:01G		
DRB1*11:02:01+DRB1*13:06	DRB1*11:18+DRB1*13:01:01G	DRB1*11:98+DRB1*13:10	
DRB1*11:02:01+DRB1*13:07:02	DRB1*11:48+DRB1*13:14:02		
DRB1*11:02:01+DRB1*13:08	DRB1*11:48+DRB1*13:83		
DRB1*11:02:01+DRB1*13:11:01	DRB1*11:04:01G+DRB1*13:22	DRB1*11:18+DRB1*13:24	
DRB1*11:02:01+DRB1*13:12	DRB1*11:18+DRB1*13:38	DRB1*11:19:01+DRB1*13:48	DRB1*11:48+DRB1*13:30
	DRB1*11:98+DRB1*13:03:01G		
DRB1*11:02:01+DRB1*13:13	DRB1*11:45+DRB1*13:48		
DRB1*11:02:01+DRB1*13:14:02	DRB1*11:14:01G+DRB1*13:11:02		
DRB1*11:02:01+DRB1*13:16	DRB1*11:86+DRB1*13:01:01G		
DRB1*11:02:01+DRB1*13:18	DRB1*11:25+DRB1*13:01:01G	DRB1*11:55+DRB1*13:06	
DRB1*11:02:01+DRB1*13:19	DRB1*11:48+DRB1*13:57		
DRB1*11:02:01+DRB1*13:20	DRB1*11:36+DRB1*13:01:01G		
DRB1*11:02:01+DRB1*13:23	DRB1*11:14:01G+DRB1*13:22		
DRB1*11:02:01+DRB1*13:24	DRB1*11:03+DRB1*13:22		
DRB1*11:02:01+DRB1*13:25	DRB1*11:08:01G+DRB1*13:22	DRB1*11:36+DRB1*13:82	DRB1*11:42+DRB1*13:23
DRB1*11:02:01+DRB1*13:29	DRB1*11:14:01G+DRB1*13:20	DRB1*11:36+DRB1*13:02:01	DRB1*11:68+DRB1*13:01:01G
DRB1*11:02:01+DRB1*13:30	DRB1*11:19:01+DRB1*13:04	DRB1*11:98+DRB1*13:66:01G	
DRB1*11:02:01+DRB1*13:32	DRB1*11:16+DRB1*13:48	DRB1*11:48+DRB1*13:93	
DRB1*11:02:01+DRB1*13:33:01	DRB1*11:14:01G+DRB1*13:94		
DRB1*11:02:01+DRB1*13:36	DRB1*11:14:01G+DRB1*13:40	DRB1*11:20+DRB1*13:70	DRB1*11:48+DRB1*13:02:01
DRB1*11:02:01+DRB1*13:37	DRB1*11:73+DRB1*13:70		
DRB1*11:02:01+DRB1*13:38	DRB1*11:14:01G+DRB1*13:48		
DRB1*11:02:01+DRB1*13:39	DRB1*11:14:01G+DRB1*13:79		
DRB1*11:02:01+DRB1*13:40	DRB1*11:16+DRB1*13:70	DRB1*11:48+DRB1*13:01:01G	
DRB1*11:02:01+DRB1*13:41	DRB1*11:14:01G+DRB1*13:27		
DRB1*11:02:01+DRB1*13:42	DRB1*11:03+DRB1*13:06	DRB1*11:04:01G+DRB1*13:01:01G	DRB1*11:16+DRB1*13:11:01
	DRB1*11:58:02+DRB1*13:52		
DRB1*11:02:01+DRB1*13:44	DRB1*11:34+DRB1*13:22		
DRB1*11:02:01+DRB1*13:48	DRB1*11:48+DRB1*13:04		

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DRB1*11:02:01+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:22	DRB1*11:58:02+DRB1*13:23	
DRB1*11:02:01+DRB1*13:53	DRB1*11:48+DRB1*13:15		
DRB1*11:02:01+DRB1*13:55	DRB1*11:03+DRB1*13:13	DRB1*11:23+DRB1*13:48	DRB1*11:25+DRB1*13:38
	DRB1*11:55+DRB1*13:12		
DRB1*11:02:01+DRB1*13:56	DRB1*11:08:01G+DRB1*13:01:01G	DRB1*11:16+DRB1*13:25	DRB1*11:18+DRB1*13:29
	DRB1*11:19:01+DRB1*13:20	DRB1*11:42+DRB1*13:02:01	DRB1*11:68+DRB1*13:06
DRB1*11:02:01+DRB1*13:58	DRB1*11:98+DRB1*13:81		
DRB1*11:02:01+DRB1*13:62	DRB1*11:15+DRB1*13:22		
DRB1*11:02:01+DRB1*13:63	DRB1*11:03+DRB1*13:02:01	DRB1*11:11:01G+DRB1*13:01:01G	DRB1*11:20+DRB1*13:24
	DRB1*11:40+DRB1*13:23		
DRB1*11:02:01+DRB1*13:65	DRB1*11:14:01G+DRB1*13:32	DRB1*11:16+DRB1*13:38	DRB1*11:20+DRB1*13:48
DRB1*11:02:01+DRB1*13:66:01G	DRB1*11:73+DRB1*13:04		
DRB1*11:02:01+DRB1*13:70	DRB1*11:48+DRB1*13:22		
DRB1*11:02:01+DRB1*13:71	DRB1*11:36+DRB1*13:27		
DRB1*11:02:01+DRB1*13:75	DRB1*11:03+DRB1*13:04		
DRB1*11:02:01+DRB1*13:78	DRB1*11:36+DRB1*13:79		
DRB1*11:02:01+DRB1*13:81	DRB1*11:21+DRB1*13:89		
DRB1*11:02:01+DRB1*13:82	DRB1*11:18+DRB1*13:23	DRB1*11:19:01+DRB1*13:22	
DRB1*11:02:01+DRB1*13:85	DRB1*11:73+DRB1*13:53		
DRB1*11:02:01+DRB1*13:88	DRB1*11:36+DRB1*13:03:01G	DRB1*11:68+DRB1*13:89	
DRB1*11:02:01+DRB1*13:93	DRB1*11:16+DRB1*13:04		
DRB1*11:02:01+DRB1*13:97	DRB1*11:14:01G+DRB1*13:52		
DRB1*11:02:01+DRB1*13:100	DRB1*11:19:01+DRB1*13:54		
DRB1*11:02:01+DRB1*14:01:01G	DRB1*11:48+DRB1*14:35		
DRB1*11:02:01+DRB1*14:02	DRB1*11:14:01G+DRB1*14:06:01G	DRB1*11:26+DRB1*13:53	DRB1*11:98+DRB1*14:19
DRB1*11:02:01+DRB1*14:03:01	DRB1*11:14:01G+DRB1*14:02:01G	DRB1*11:36+DRB1*14:67	DRB1*11:64+DRB1*13:53
DRB1*11:02:01+DRB1*14:05:01	DRB1*11:36+DRB1*14:45		
DRB1*11:02:01+DRB1*14:06:01G	DRB1*11:34+DRB1*13:53		
DRB1*11:02:01+DRB1*14:07:01G	DRB1*11:14:01G+DRB1*14:01:01G	DRB1*11:17+DRB1*13:45	
DRB1*11:02:01+DRB1*14:09	DRB1*11:14:01G+DRB1*14:80	DRB1*11:26+DRB1*13:40	DRB1*11:34+DRB1*13:36
	DRB1*11:48+DRB1*14:30		
DRB1*11:02:01+DRB1*14:14	DRB1*11:14:01G+DRB1*14:23:01	DRB1*11:17+DRB1*13:23	
DRB1*11:02:01+DRB1*14:15	DRB1*11:67+DRB1*13:08		
DRB1*11:02:01+DRB1*14:17	DRB1*11:16+DRB1*13:44	DRB1*11:34+DRB1*13:01:01G	DRB1*11:98+DRB1*14:21
DRB1*11:02:01+DRB1*14:19	DRB1*11:79+DRB1*13:53		
DRB1*11:02:01+DRB1*14:20	DRB1*11:34+DRB1*13:19		
DRB1*11:02:01+DRB1*14:23:01	DRB1*11:17+DRB1*13:22		
DRB1*11:02:01+DRB1*14:24	DRB1*11:82+DRB1*13:53		
DRB1*11:02:01+DRB1*14:25	DRB1*11:48+DRB1*14:53	DRB1*11:56+DRB1*13:45	
DRB1*11:02:01+DRB1*14:27	DRB1*11:03+DRB1*14:67	DRB1*11:23+DRB1*13:53	
DRB1*11:02:01+DRB1*14:28	DRB1*11:21+DRB1*14:04		
DRB1*11:02:01+DRB1*14:29	DRB1*11:21+DRB1*14:06:01G		
DRB1*11:02:01+DRB1*14:30	DRB1*11:14:01G+DRB1*14:17	DRB1*11:20+DRB1*13:44	DRB1*11:26+DRB1*13:01:01G
	DRB1*11:34+DRB1*13:02:01		
DRB1*11:02:01+DRB1*14:40	DRB1*11:64+DRB1*13:19		
DRB1*11:02:01+DRB1*14:44:01	DRB1*11:14:01G+DRB1*14:05:01	DRB1*11:68+DRB1*14:45	
DRB1*11:02:01+DRB1*14:44:02	DRB1*11:14:01G+DRB1*14:05:03		
DRB1*11:02:01+DRB1*14:53	DRB1*11:04:01G+DRB1*13:45		
DRB1*11:02:01+DRB1*14:63	DRB1*11:14:01G+DRB1*14:78		
DRB1*11:02:01+DRB1*14:65	DRB1*11:13:01G+DRB1*13:04		
DRB1*11:02:01+DRB1*14:67	DRB1*11:45+DRB1*13:53		
DRB1*11:02:01+DRB1*14:68	DRB1*11:14:01G+DRB1*14:04	DRB1*13:45+DRB1*14:11	
DRB1*11:02:01+DRB1*14:74	DRB1*11:42+DRB1*14:16		
DRB1*11:02:01+DRB1*14:80	DRB1*11:34+DRB1*13:40	DRB1*11:48+DRB1*14:17	
DRB1*11:02:01+DRB1*14:85	DRB1*11:36+DRB1*14:63	DRB1*11:68+DRB1*14:78	
DRB1*11:02:01+DRB1*14:99	DRB1*11:21+DRB1*14:01:01G		
DRB1*11:02:01+DRB1*15:02:01	DRB1*11:14:01G+DRB1*15:01:01G	DRB1*11:82+DRB1*15:10	
DRB1*11:02:01+DRB1*15:02:02G	DRB1*11:14:01G+DRB1*15:01:04		
DRB1*11:02:01+DRB1*15:02:04	DRB1*11:14:01G+DRB1*15:01:09		
DRB1*11:02:01+DRB1*15:02:06	DRB1*11:14:01G+DRB1*15:01:03		
DRB1*11:02:01+DRB1*15:02:08	DRB1*11:14:01G+DRB1*15:01:10		
DRB1*11:02:01+DRB1*15:04	DRB1*11:03+DRB1*15:01:01G		
DRB1*11:02:01+DRB1*15:05	DRB1*11:36+DRB1*15:01:01G		
DRB1*11:02:01+DRB1*15:07	DRB1*11:48+DRB1*15:01:01G		
DRB1*11:02:01+DRB1*15:11	DRB1*11:14:01G+DRB1*15:07	DRB1*11:48+DRB1*15:02:01	
DRB1*11:02:01+DRB1*15:15	DRB1*11:03+DRB1*15:02:01	DRB1*11:11:01G+DRB1*15:01:01G	DRB1*11:14:01G+DRB1*15:04
	DRB1*11:69+DRB1*15:10		
DRB1*11:02:01+DRB1*15:23	DRB1*11:36+DRB1*15:03:01G		
DRB1*11:02:01+DRB1*15:25	DRB1*11:07+DRB1*15:10		
DRB1*11:02:01+DRB1*15:27	DRB1*11:26+DRB1*15:10		
DRB1*11:02:01+DRB1*15:31	DRB1*11:14:01G+DRB1*15:05	DRB1*11:36+DRB1*15:02:01	DRB1*11:68+DRB1*15:01:01G
DRB1*11:02:01+DRB1*15:34	DRB1*11:48+DRB1*15:27		
DRB1*11:02:01+DRB1*15:35	DRB1*11:21+DRB1*15:01:01G		
DRB1*11:02:01+DRB1*15:48	DRB1*11:48+DRB1*15:09		
DRB1*11:02:01+DRB1*16:01:01	DRB1*11:03+DRB1*16:05:01	DRB1*11:14:01G+DRB1*16:15	DRB1*11:48+DRB1*16:09
DRB1*11:02:01+DRB1*16:01:02	DRB1*11:37+DRB1*15:10		
DRB1*11:02:01+DRB1*16:02:01	DRB1*11:36+DRB1*16:05:01	DRB1*11:48+DRB1*16:10	
DRB1*11:02:02+DRB1*13:12	DRB1*11:98+DRB1*13:03:03		
DRB1*11:02:02+DRB1*13:88	DRB1*11:36+DRB1*13:03:03		
DRB1*11:03+DRB1*11:20	DRB1*11:11:01G+DRB1*11:16	DRB1*11:14:01G+DRB1*11:40	
DRB1*11:03+DRB1*11:25	DRB1*11:04:01G+DRB1*11:55		
DRB1*11:03+DRB1*11:26	DRB1*11:11:01G+DRB1*11:34		
DRB1*11:03+DRB1*11:27:01	DRB1*11:11:01G+DRB1*11:84		
DRB1*11:03+DRB1*11:28:01	DRB1*11:11:01G+DRB1*11:58:02		
DRB1*11:03+DRB1*11:28:02	DRB1*11:11:01G+DRB1*11:58:01		
DRB1*11:03+DRB1*11:33	DRB1*11:11:01G+DRB1*11:35		
DRB1*11:03+DRB1*11:39	DRB1*11:11:01G+DRB1*11:43		
DRB1*11:03+DRB1*11:42	DRB1*11:04:01G+DRB1*11:36		
DRB1*11:03+DRB1*11:44	DRB1*11:04:01G+DRB1*11:85		
DRB1*11:03+DRB1*11:47	DRB1*11:06:01+DRB1*11:63		
DRB1*11:03+DRB1*11:56	DRB1*11:04:01G+DRB1*11:41		
DRB1*11:03+DRB1*11:57	DRB1*11:06:01+DRB1*11:36		
DRB1*11:03+DRB1*11:64	DRB1*11:08:01G+DRB1*11:55	DRB1*11:23+DRB1*11:36	DRB1*11:25+DRB1*11:68
DRB1*11:03+DRB1*11:68	DRB1*11:11:01G+DRB1*11:36		
DRB1*11:03+DRB1*11:72	DRB1*11:11:01G+DRB1*11:92		
DRB1*11:03+DRB1*11:83	DRB1*11:56+DRB1*11:59		
DRB1*11:03+DRB1*12:09	DRB1*12:04+DRB1*13:24		
DRB1*11:03+DRB1*12:12	DRB1*11:36+DRB1*12:02:01		
DRB1*11:03+DRB1*12:21	DRB1*11:41+DRB1*12:02:01		
DRB1*11:03+DRB1*13:01:01G	DRB1*11:16+DRB1*13:24	DRB1*11:40+DRB1*13:22	
DRB1*11:03+DRB1*13:02:03	DRB1*11:11:01G+DRB1*13:01:05		
DRB1*11:03+DRB1*13:03:01G	DRB1*11:11:01G+DRB1*13:89	DRB1*11:41+DRB1*13:66:01G	DRB1*11:93+DRB1*13:48
DRB1*11:03+DRB1*13:05:01G	DRB1*11:04:01G+DRB1*13:63	DRB1*11:09+DRB1*13:24	DRB1*11:11:01G+DRB1*13:42
	DRB1*11:40+DRB1*13:14:01G		
DRB1*11:03+DRB1*13:07:01	DRB1*11:37+DRB1*13:24	DRB1*11:41+DRB1*13:14:01G	

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DRB1*11:03+DRB1*13:07:02	DRB1*11:41+DRB1*13:14:02		
DRB1*11:03+DRB1*13:08	DRB1*11:41+DRB1*13:83		
DRB1*11:03+DRB1*13:11:01	DRB1*11:04:01G+DRB1*13:24		
DRB1*11:03+DRB1*13:14:02	DRB1*11:11:01G+DRB1*13:11:02		
DRB1*11:03+DRB1*13:18	DRB1*11:55+DRB1*13:42		
DRB1*11:03+DRB1*13:19	DRB1*11:41+DRB1*13:57		
DRB1*11:03+DRB1*13:23	DRB1*11:11:01G+DRB1*13:22	DRB1*11:14:01G+DRB1*13:24	
DRB1*11:03+DRB1*13:25	DRB1*11:08:01G+DRB1*13:24	DRB1*11:36+DRB1*13:14:01G	DRB1*11:68+DRB1*13:11:01
DRB1*11:03+DRB1*13:27	DRB1*11:59+DRB1*13:22		
DRB1*11:03+DRB1*13:29	DRB1*11:11:01G+DRB1*13:20	DRB1*11:36+DRB1*13:63	
DRB1*11:03+DRB1*13:32	DRB1*11:40+DRB1*13:48	DRB1*11:41+DRB1*13:93	
DRB1*11:03+DRB1*13:33:01	DRB1*11:11:01G+DRB1*13:94		
DRB1*11:03+DRB1*13:34	DRB1*11:76+DRB1*13:02:01		
DRB1*11:03+DRB1*13:36	DRB1*11:11:01G+DRB1*13:40	DRB1*11:41+DRB1*13:02:01	DRB1*11:48+DRB1*13:63
DRB1*11:03+DRB1*13:37	DRB1*11:93+DRB1*13:70		
DRB1*11:03+DRB1*13:38	DRB1*11:11:01G+DRB1*13:48		
DRB1*11:03+DRB1*13:39	DRB1*11:11:01G+DRB1*13:79		
DRB1*11:03+DRB1*13:40	DRB1*11:40+DRB1*13:70	DRB1*11:41+DRB1*13:01:01G	
DRB1*11:03+DRB1*13:41	DRB1*11:11:01G+DRB1*13:27	DRB1*11:59+DRB1*13:23	
DRB1*11:03+DRB1*13:42	DRB1*11:40+DRB1*13:11:01		
DRB1*11:03+DRB1*13:44	DRB1*11:34+DRB1*13:24		
DRB1*11:03+DRB1*13:48	DRB1*11:41+DRB1*13:04	DRB1*11:48+DRB1*13:75	
DRB1*11:03+DRB1*13:49	DRB1*11:37+DRB1*13:75	DRB1*11:41+DRB1*13:21:01G	
DRB1*11:03+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:24		
DRB1*11:03+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:24		
DRB1*11:03+DRB1*13:53	DRB1*11:41+DRB1*13:15		
DRB1*11:03+DRB1*13:55	DRB1*11:55+DRB1*13:49		
DRB1*11:03+DRB1*13:58	DRB1*11:06:01+DRB1*13:48		
DRB1*11:03+DRB1*13:62	DRB1*11:15+DRB1*13:24		
DRB1*11:03+DRB1*13:64	DRB1*11:76+DRB1*13:83		
DRB1*11:03+DRB1*13:65	DRB1*11:11:01G+DRB1*13:32	DRB1*11:40+DRB1*13:38	
DRB1*11:03+DRB1*13:66:01G	DRB1*11:73+DRB1*13:75	DRB1*11:93+DRB1*13:04	
DRB1*11:03+DRB1*13:70	DRB1*11:41+DRB1*13:22	DRB1*11:48+DRB1*13:24	
DRB1*11:03+DRB1*13:85	DRB1*11:93+DRB1*13:53		
DRB1*11:03+DRB1*13:93	DRB1*11:16+DRB1*13:75	DRB1*11:40+DRB1*13:04	
DRB1*11:03+DRB1*13:97	DRB1*11:11:01G+DRB1*13:52		
DRB1*11:03+DRB1*14:01:01G	DRB1*11:41+DRB1*14:35		
DRB1*11:03+DRB1*14:02	DRB1*11:11:01G+DRB1*14:06:01G		
DRB1*11:03+DRB1*14:03:01	DRB1*11:11:01G+DRB1*14:02:01G	DRB1*11:36+DRB1*14:27	
DRB1*11:03+DRB1*14:07:01G	DRB1*11:11:01G+DRB1*14:01:01G		
DRB1*11:03+DRB1*14:09	DRB1*11:11:01G+DRB1*14:80	DRB1*11:41+DRB1*14:30	
DRB1*11:03+DRB1*14:14	DRB1*11:11:01G+DRB1*14:23:01		
DRB1*11:03+DRB1*14:17	DRB1*11:40+DRB1*13:44		
DRB1*11:03+DRB1*14:23:01	DRB1*11:17+DRB1*13:24		
DRB1*11:03+DRB1*14:24	DRB1*11:69+DRB1*13:53		
DRB1*11:03+DRB1*14:25	DRB1*11:41+DRB1*14:53		
DRB1*11:03+DRB1*14:30	DRB1*11:11:01G+DRB1*14:17	DRB1*11:34+DRB1*13:63	
DRB1*11:03+DRB1*14:44:01	DRB1*11:11:01G+DRB1*14:05:01		
DRB1*11:03+DRB1*14:44:02	DRB1*11:11:01G+DRB1*14:05:03		
DRB1*11:03+DRB1*14:55	DRB1*11:55+DRB1*14:32:02		
DRB1*11:03+DRB1*14:63	DRB1*11:11:01G+DRB1*14:78		
DRB1*11:03+DRB1*14:65	DRB1*11:13:01G+DRB1*13:75		
DRB1*11:03+DRB1*14:68	DRB1*11:11:01G+DRB1*14:04		
DRB1*11:03+DRB1*14:69	DRB1*11:36+DRB1*14:25		
DRB1*11:03+DRB1*14:77	DRB1*11:76+DRB1*14:40		
DRB1*11:03+DRB1*14:80	DRB1*11:41+DRB1*14:17		
DRB1*11:03+DRB1*14:89	DRB1*11:55+DRB1*14:02		
DRB1*11:03+DRB1*15:02:02G	DRB1*11:11:01G+DRB1*15:01:04		
DRB1*11:03+DRB1*15:02:04	DRB1*11:11:01G+DRB1*15:01:09		
DRB1*11:03+DRB1*15:02:06	DRB1*11:11:01G+DRB1*15:01:03		
DRB1*11:03+DRB1*15:02:08	DRB1*11:11:01G+DRB1*15:01:10		
DRB1*11:03+DRB1*15:05	DRB1*11:36+DRB1*15:04		
DRB1*11:03+DRB1*15:07	DRB1*11:41+DRB1*15:01:01G	DRB1*11:48+DRB1*15:04	
DRB1*11:03+DRB1*15:11	DRB1*11:11:01G+DRB1*15:07	DRB1*11:41+DRB1*15:02:01	DRB1*11:48+DRB1*15:15
DRB1*11:03+DRB1*15:15	DRB1*11:11:01G+DRB1*15:04		
DRB1*11:03+DRB1*15:21	DRB1*11:25+DRB1*15:10		
DRB1*11:03+DRB1*15:31	DRB1*11:11:01G+DRB1*15:05	DRB1*11:36+DRB1*15:15	DRB1*11:68+DRB1*15:04
DRB1*11:03+DRB1*15:34	DRB1*11:41+DRB1*15:27		
DRB1*11:03+DRB1*15:35	DRB1*11:21+DRB1*15:04		
DRB1*11:03+DRB1*15:48	DRB1*11:41+DRB1*15:09		
DRB1*11:03+DRB1*16:01:01	DRB1*11:11:01G+DRB1*16:15	DRB1*11:41+DRB1*16:09	
DRB1*11:03+DRB1*16:02:01	DRB1*11:36+DRB1*16:01:01	DRB1*11:41+DRB1*16:10	DRB1*11:68+DRB1*16:15
DRB1*11:03+DRB1*16:02:02	DRB1*11:36+DRB1*16:01:02		
DRB1*11:03+DRB1*16:04	DRB1*11:55+DRB1*16:01:02		
DRB1*11:03+DRB1*16:10	DRB1*11:36+DRB1*16:09		
DRB1*11:04:01G+DRB1*11:06:02	DRB1*11:04:03+DRB1*11:06:01		
DRB1*11:04:01G+DRB1*11:09	DRB1*11:28:01+DRB1*11:46	DRB1*11:58:01+DRB1*11:62	
DRB1*11:04:01G+DRB1*11:10:01G	DRB1*11:12:01+DRB1*11:46		
DRB1*11:04:01G+DRB1*11:12:02	DRB1*11:04:04+DRB1*11:12:01		
DRB1*11:04:01G+DRB1*11:16	DRB1*11:18+DRB1*11:40		
DRB1*11:04:01G+DRB1*11:31	DRB1*11:18+DRB1*11:96		
DRB1*11:04:01G+DRB1*11:45	DRB1*11:18+DRB1*11:23	DRB1*11:19:01+DRB1*11:25	
DRB1*11:04:01G+DRB1*11:54:01	DRB1*11:04:03+DRB1*11:54:02		
DRB1*11:04:01G+DRB1*11:57	DRB1*11:06:01+DRB1*11:42		
DRB1*11:04:01G+DRB1*11:58:01	DRB1*11:04:04+DRB1*11:58:02		
DRB1*11:04:01G+DRB1*11:64	DRB1*11:08:01G+DRB1*11:25	DRB1*11:23+DRB1*11:42	
DRB1*11:04:01G+DRB1*11:73	DRB1*11:18+DRB1*11:93		
DRB1*11:04:01G+DRB1*11:79	DRB1*11:34+DRB1*11:93		
DRB1*11:04:01G+DRB1*11:82	DRB1*11:18+DRB1*11:69		
DRB1*11:04:01G+DRB1*11:87	DRB1*11:58:01+DRB1*11:80		
DRB1*11:04:01G+DRB1*12:01:01G	DRB1*11:04:03+DRB1*12:01:03	DRB1*11:06:02+DRB1*12:03:02	DRB1*11:18+DRB1*12:02:01
DRB1*11:04:01G+DRB1*12:01:03	DRB1*11:06:01+DRB1*12:03:02	DRB1*11:18+DRB1*12:02:02	
DRB1*11:04:01G+DRB1*12:02:01	DRB1*11:04:03+DRB1*12:02:02	DRB1*11:06:01+DRB1*12:19	
DRB1*11:04:01G+DRB1*12:05	DRB1*11:18+DRB1*12:15		
DRB1*11:04:01G+DRB1*12:09	DRB1*12:04+DRB1*13:11:01		
DRB1*11:04:01G+DRB1*12:12	DRB1*11:42+DRB1*12:02:01	DRB1*11:57+DRB1*12:19	
DRB1*11:04:01G+DRB1*12:21	DRB1*11:56+DRB1*12:02:01		
DRB1*11:04:01G+DRB1*12:22	DRB1*11:27:01+DRB1*12:03:02		
DRB1*11:04:01G+DRB1*13:01:03	DRB1*11:04:03+DRB1*13:01:01G		
DRB1*11:04:01G+DRB1*13:01:05	DRB1*11:16+DRB1*13:11:02		
DRB1*11:04:01G+DRB1*13:04	DRB1*11:18+DRB1*13:75		
DRB1*11:04:01G+DRB1*13:06	DRB1*11:18+DRB1*13:42		
DRB1*11:04:01G+DRB1*13:07:01	DRB1*11:37+DRB1*13:11:01	DRB1*11:56+DRB1*13:14:01G	
DRB1*11:04:01G+DRB1*13:07:02	DRB1*11:37+DRB1*13:11:02	DRB1*11:56+DRB1*13:14:02	
DRB1*11:04:01G+DRB1*13:08	DRB1*11:56+DRB1*13:83		

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DRB1*11:04:01G+DRB1*13:12	DRB1*11:18+DRB1*13:49	DRB1*11:56+DRB1*13:30	
DRB1*11:04:01G+DRB1*13:13	DRB1*11:18+DRB1*13:55	DRB1*11:25+DRB1*13:12	
DRB1*11:04:01G+DRB1*13:16	DRB1*11:86+DRB1*13:42		
DRB1*11:04:01G+DRB1*13:18	DRB1*11:25+DRB1*13:42		
DRB1*11:04:01G+DRB1*13:19	DRB1*11:56+DRB1*13:57		
DRB1*11:04:01G+DRB1*13:20	DRB1*11:36+DRB1*13:42		
DRB1*11:04:01G+DRB1*13:25	DRB1*11:08:01G+DRB1*13:11:01	DRB1*11:42+DRB1*13:14:01G	
DRB1*11:04:01G+DRB1*13:30	DRB1*11:18+DRB1*13:21:01G		
DRB1*11:04:01G+DRB1*13:31	DRB1*11:16+DRB1*13:46		
DRB1*11:04:01G+DRB1*13:32	DRB1*11:56+DRB1*13:93		
DRB1*11:04:01G+DRB1*13:33:02G	DRB1*11:27:01+DRB1*13:89	DRB1*11:84+DRB1*13:03:01G	
DRB1*11:04:01G+DRB1*13:40	DRB1*11:41+DRB1*13:06	DRB1*11:48+DRB1*13:42	DRB1*11:56+DRB1*13:01:01G
DRB1*11:04:01G+DRB1*13:44	DRB1*11:34+DRB1*13:11:01		
DRB1*11:04:01G+DRB1*13:48	DRB1*11:56+DRB1*13:04		
DRB1*11:04:01G+DRB1*13:49	DRB1*11:56+DRB1*13:21:01G		
DRB1*11:04:01G+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:11:01	DRB1*11:58:02+DRB1*13:14:01G	
DRB1*11:04:01G+DRB1*13:50:02	DRB1*11:04:04+DRB1*13:50:01	DRB1*11:28:02+DRB1*13:11:01	DRB1*11:58:01+DRB1*13:14:01G
DRB1*11:04:01G+DRB1*13:52	DRB1*11:46+DRB1*13:22		
DRB1*11:04:01G+DRB1*13:53	DRB1*11:56+DRB1*13:15		
DRB1*11:04:01G+DRB1*13:55	DRB1*11:25+DRB1*13:49		
DRB1*11:04:01G+DRB1*13:56	DRB1*11:08:01G+DRB1*13:42	DRB1*11:42+DRB1*13:05:01G	
DRB1*11:04:01G+DRB1*13:61	DRB1*11:84+DRB1*13:01:01G		
DRB1*11:04:01G+DRB1*13:62	DRB1*11:15+DRB1*13:11:01		
DRB1*11:04:01G+DRB1*13:67	DRB1*11:30+DRB1*13:01:01G		
DRB1*11:04:01G+DRB1*13:69	DRB1*11:58:01+DRB1*13:22		
DRB1*11:04:01G+DRB1*13:70	DRB1*11:48+DRB1*13:11:01	DRB1*11:56+DRB1*13:22	
DRB1*11:04:01G+DRB1*13:76	DRB1*11:54:01+DRB1*13:08		
DRB1*11:04:01G+DRB1*13:81	DRB1*11:06:01+DRB1*13:89		
DRB1*11:04:01G+DRB1*13:82	DRB1*11:18+DRB1*13:14:01G	DRB1*11:19:01+DRB1*13:11:01	
DRB1*11:04:01G+DRB1*13:87	DRB1*11:58:02+DRB1*13:83		
DRB1*11:04:01G+DRB1*13:96	DRB1*11:27:02+DRB1*13:01:01G		
DRB1*11:04:01G+DRB1*14:01:01G	DRB1*11:04:03+DRB1*14:01:02	DRB1*11:54:01+DRB1*14:32:01	DRB1*11:54:02+DRB1*14:32:02
	DRB1*11:56+DRB1*14:35		
DRB1*11:04:01G+DRB1*14:01:02	DRB1*11:54:02+DRB1*14:32:01	DRB1*11:89+DRB1*14:74	
DRB1*11:04:01G+DRB1*14:05:01	DRB1*11:04:03+DRB1*14:05:03	DRB1*11:54:02+DRB1*14:100	
DRB1*11:04:01G+DRB1*14:08	DRB1*11:54:02+DRB1*14:34		
DRB1*11:04:01G+DRB1*14:17	DRB1*11:34+DRB1*13:42		
DRB1*11:04:01G+DRB1*14:19	DRB1*11:93+DRB1*14:06:01G		
DRB1*11:04:01G+DRB1*14:23:01	DRB1*11:17+DRB1*13:11:01		
DRB1*11:04:01G+DRB1*14:25	DRB1*11:56+DRB1*14:53		
DRB1*11:04:01G+DRB1*14:28	DRB1*11:06:01+DRB1*14:04		
DRB1*11:04:01G+DRB1*14:29	DRB1*11:06:01+DRB1*14:06:01G		
DRB1*11:04:01G+DRB1*14:32:02	DRB1*11:04:03+DRB1*14:32:01		
DRB1*11:04:01G+DRB1*14:33	DRB1*11:54:02+DRB1*14:17		
DRB1*11:04:01G+DRB1*14:38	DRB1*11:84+DRB1*14:01:02		
DRB1*11:04:01G+DRB1*14:47	DRB1*11:27:01+DRB1*14:06:01G	DRB1*11:84+DRB1*14:02	
DRB1*11:04:01G+DRB1*14:51	DRB1*11:54:02+DRB1*14:02		
DRB1*11:04:01G+DRB1*14:55	DRB1*11:25+DRB1*14:32:02		
DRB1*11:04:01G+DRB1*14:67	DRB1*11:18+DRB1*14:27		
DRB1*11:04:01G+DRB1*14:69	DRB1*11:42+DRB1*14:25		
DRB1*11:04:01G+DRB1*14:80	DRB1*11:56+DRB1*14:17		
DRB1*11:04:01G+DRB1*14:86	DRB1*11:43+DRB1*14:01:01G		
DRB1*11:04:01G+DRB1*14:89	DRB1*11:23+DRB1*14:06:01G	DRB1*11:25+DRB1*14:02	DRB1*11:34+DRB1*14:27
DRB1*11:04:01G+DRB1*14:96	DRB1*11:43+DRB1*14:05:01		
DRB1*11:04:01G+DRB1*14:98	DRB1*11:27:01+DRB1*14:02:01G	DRB1*11:84+DRB1*14:03:01	
DRB1*11:04:01G+DRB1*14:99	DRB1*11:06:01+DRB1*14:01:01G	DRB1*11:06:02+DRB1*14:01:02	
DRB1*11:04:01G+DRB1*15:01:01G	DRB1*11:18+DRB1*15:04		
DRB1*11:04:01G+DRB1*15:01:03	DRB1*11:04:03+DRB1*15:01:01G		
DRB1*11:04:01G+DRB1*15:05	DRB1*11:42+DRB1*15:04		
DRB1*11:04:01G+DRB1*15:07	DRB1*11:56+DRB1*15:01:01G		
DRB1*11:04:01G+DRB1*15:32	DRB1*11:58:02+DRB1*15:01:01G		
DRB1*11:04:01G+DRB1*15:34	DRB1*11:34+DRB1*16:01:02	DRB1*11:56+DRB1*15:27	
DRB1*11:04:01G+DRB1*15:35	DRB1*11:06:01+DRB1*15:01:01G		
DRB1*11:04:01G+DRB1*15:43	DRB1*11:78+DRB1*15:01:01G		
DRB1*11:04:01G+DRB1*15:47	DRB1*11:39+DRB1*15:01:01G	DRB1*11:43+DRB1*15:02:01	
DRB1*11:04:01G+DRB1*15:48	DRB1*11:56+DRB1*15:09	DRB1*11:88+DRB1*15:01:01G	
DRB1*11:04:01G+DRB1*16:02:01	DRB1*11:08:01G+DRB1*16:15	DRB1*11:42+DRB1*16:01:01	DRB1*11:56+DRB1*16:10
	DRB1*13:11:02+DRB1*16:16		
DRB1*11:04:01G+DRB1*16:02:02	DRB1*11:42+DRB1*16:01:02		
DRB1*11:04:01G+DRB1*16:04	DRB1*11:25+DRB1*16:01:02		
DRB1*11:04:01G+DRB1*16:05:01	DRB1*11:18+DRB1*16:01:01	DRB1*11:19:01+DRB1*16:15	
DRB1*11:04:01G+DRB1*16:10	DRB1*11:42+DRB1*16:09		
DRB1*11:04:03+DRB1*11:57	DRB1*11:06:02+DRB1*11:42		
DRB1*11:04:03+DRB1*12:01:02	DRB1*11:18+DRB1*12:02:04		
DRB1*11:04:03+DRB1*12:02:01	DRB1*11:06:02+DRB1*12:19		
DRB1*11:04:03+DRB1*12:03:02	DRB1*11:18+DRB1*12:19		
DRB1*11:04:03+DRB1*13:40	DRB1*11:56+DRB1*13:01:03		
DRB1*11:04:03+DRB1*13:61	DRB1*11:84+DRB1*13:01:03		
DRB1*11:04:03+DRB1*13:67	DRB1*11:30+DRB1*13:01:03		
DRB1*11:04:03+DRB1*13:81	DRB1*11:06:02+DRB1*13:89		
DRB1*11:04:03+DRB1*13:96	DRB1*11:27:02+DRB1*13:01:03		
DRB1*11:04:03+DRB1*14:01:01G	DRB1*11:54:01+DRB1*14:32:02		
DRB1*11:04:03+DRB1*14:04	DRB1*11:54:01+DRB1*14:31		
DRB1*11:04:03+DRB1*14:05:01	DRB1*11:54:01+DRB1*14:100		
DRB1*11:04:03+DRB1*14:08	DRB1*11:54:01+DRB1*14:34		
DRB1*11:04:03+DRB1*14:28	DRB1*11:06:02+DRB1*14:04		
DRB1*11:04:03+DRB1*14:29	DRB1*11:06:02+DRB1*14:06:01G		
DRB1*11:04:03+DRB1*14:33	DRB1*11:54:01+DRB1*14:17		
DRB1*11:04:03+DRB1*14:38	DRB1*11:84+DRB1*14:01:01G		
DRB1*11:04:03+DRB1*14:50	DRB1*11:84+DRB1*14:04		
DRB1*11:04:03+DRB1*14:51	DRB1*11:54:01+DRB1*14:02		
DRB1*11:04:03+DRB1*14:93	DRB1*11:27:02+DRB1*14:04		
DRB1*11:04:03+DRB1*14:99	DRB1*11:06:02+DRB1*14:01:01G		
DRB1*11:04:03+DRB1*15:07	DRB1*11:56+DRB1*15:01:03		
DRB1*11:04:03+DRB1*15:32	DRB1*11:58:02+DRB1*15:01:03		
DRB1*11:04:03+DRB1*15:35	DRB1*11:06:01+DRB1*15:01:03	DRB1*11:06:02+DRB1*15:01:01G	
DRB1*11:04:03+DRB1*15:43	DRB1*11:78+DRB1*15:01:03		
DRB1*11:04:03+DRB1*15:47	DRB1*11:39+DRB1*15:01:03	DRB1*11:43+DRB1*15:02:06	
DRB1*11:04:03+DRB1*15:48	DRB1*11:88+DRB1*15:01:03		
DRB1*11:04:04+DRB1*11:09	DRB1*11:28:02+DRB1*11:46		
DRB1*11:04:04+DRB1*11:10:01G	DRB1*11:12:02+DRB1*11:46		
DRB1*11:04:04+DRB1*13:01:01G	DRB1*11:46+DRB1*13:69	DRB1*11:58:01+DRB1*13:52	
DRB1*11:04:04+DRB1*13:87	DRB1*11:58:01+DRB1*13:83		
DRB1*11:04:04+DRB1*15:32	DRB1*11:58:01+DRB1*15:01:01G		
DRB1*11:05+DRB1*14:86	DRB1*11:39+DRB1*14:61		

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DRB1*11:05+DRB1*14:88	DRB1*11:94+DRB1*14:61		
DRB1*11:06:01+DRB1*11:20	DRB1*11:09+DRB1*11:21		
DRB1*11:06:01+DRB1*11:48	DRB1*11:21+DRB1*11:56		
DRB1*11:06:01+DRB1*11:54:01	DRB1*11:06:02+DRB1*11:54:02		
DRB1*11:06:01+DRB1*11:64	DRB1*11:23+DRB1*11:57		
DRB1*11:06:01+DRB1*11:65:01G	DRB1*11:21+DRB1*11:35		
DRB1*11:06:01+DRB1*11:68	DRB1*11:11:01G+DRB1*11:57		
DRB1*11:06:01+DRB1*12:01:01G	DRB1*11:06:02+DRB1*12:01:03		
DRB1*11:06:01+DRB1*12:02:01	DRB1*11:06:02+DRB1*12:02:02		
DRB1*11:06:01+DRB1*12:12	DRB1*11:57+DRB1*12:02:01		
DRB1*11:06:01+DRB1*12:22	DRB1*11:27:01+DRB1*12:01:03		
DRB1*11:06:01+DRB1*13:01:01G	DRB1*11:21+DRB1*13:42		
DRB1*11:06:01+DRB1*13:01:03	DRB1*11:06:02+DRB1*13:01:01G		
DRB1*11:06:01+DRB1*13:02:01	DRB1*11:21+DRB1*13:05:01G		
DRB1*11:06:01+DRB1*13:13	DRB1*11:23+DRB1*13:58		
DRB1*11:06:01+DRB1*13:22	DRB1*11:21+DRB1*13:11:01		
DRB1*11:06:01+DRB1*13:23	DRB1*11:21+DRB1*13:14:01G		
DRB1*11:06:01+DRB1*13:25	DRB1*11:57+DRB1*13:14:01G		
DRB1*11:06:01+DRB1*13:29	DRB1*11:57+DRB1*13:63		
DRB1*11:06:01+DRB1*13:32	DRB1*11:40+DRB1*13:58		
DRB1*11:06:01+DRB1*13:33:01	DRB1*11:27:02+DRB1*13:81		
DRB1*11:06:01+DRB1*13:33:02G	DRB1*11:27:01+DRB1*13:81		
DRB1*11:06:01+DRB1*13:38	DRB1*11:11:01G+DRB1*13:58	DRB1*11:21+DRB1*13:49	
DRB1*11:06:01+DRB1*13:45	DRB1*11:21+DRB1*14:53		
DRB1*11:06:01+DRB1*13:56	DRB1*11:57+DRB1*13:05:01G		
DRB1*11:06:01+DRB1*14:03:01	DRB1*11:57+DRB1*14:27		
DRB1*11:06:01+DRB1*14:05:01	DRB1*11:06:02+DRB1*14:05:03		
DRB1*11:06:01+DRB1*14:19	DRB1*11:93+DRB1*14:29		
DRB1*11:06:01+DRB1*14:32:02	DRB1*11:06:02+DRB1*14:32:01		
DRB1*11:06:01+DRB1*14:44:01	DRB1*11:06:02+DRB1*14:44:02		
DRB1*11:06:01+DRB1*14:47	DRB1*11:27:01+DRB1*14:29		
DRB1*11:06:01+DRB1*14:69	DRB1*11:57+DRB1*14:25		
DRB1*11:06:01+DRB1*14:86	DRB1*11:43+DRB1*14:99		
DRB1*11:06:01+DRB1*14:89	DRB1*11:23+DRB1*14:29		
DRB1*11:06:01+DRB1*15:05	DRB1*11:57+DRB1*15:04		
DRB1*11:06:01+DRB1*15:07	DRB1*11:56+DRB1*15:35		
DRB1*11:06:01+DRB1*15:11	DRB1*11:37+DRB1*15:35		
DRB1*11:06:01+DRB1*15:31	DRB1*11:57+DRB1*15:15		
DRB1*11:06:01+DRB1*15:32	DRB1*11:58:02+DRB1*15:35		
DRB1*11:06:01+DRB1*15:43	DRB1*11:78+DRB1*15:35		
DRB1*11:06:01+DRB1*15:47	DRB1*11:39+DRB1*15:35		
DRB1*11:06:01+DRB1*15:48	DRB1*11:88+DRB1*15:35		
DRB1*11:06:01+DRB1*16:02:01	DRB1*11:57+DRB1*16:01:01		
DRB1*11:06:01+DRB1*16:02:02	DRB1*11:57+DRB1*16:01:02		
DRB1*11:06:01+DRB1*16:10	DRB1*11:57+DRB1*16:09		
DRB1*11:06:02+DRB1*12:22	DRB1*11:27:01+DRB1*12:01:01G		
DRB1*11:06:02+DRB1*14:38	DRB1*11:84+DRB1*14:99		
DRB1*11:06:02+DRB1*14:50	DRB1*11:84+DRB1*14:28		
DRB1*11:06:02+DRB1*14:93	DRB1*11:27:02+DRB1*14:28		
DRB1*11:07+DRB1*14:73	DRB1*11:54:01+DRB1*14:79		
DRB1*11:07+DRB1*15:02:01	DRB1*11:82+DRB1*15:25		
DRB1*11:07+DRB1*15:15	DRB1*11:69+DRB1*15:25		
DRB1*11:07+DRB1*15:27	DRB1*11:26+DRB1*15:25		
DRB1*11:07+DRB1*16:01:02	DRB1*11:37+DRB1*15:25		
DRB1*11:08:01G+DRB1*11:14:01G	DRB1*11:19:01+DRB1*11:68		
DRB1*11:08:01G+DRB1*11:16	DRB1*11:20+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:18	DRB1*11:19:01+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:21	DRB1*11:14:01G+DRB1*11:57		
DRB1*11:08:01G+DRB1*11:34	DRB1*11:26+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:35	DRB1*11:33+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:36	DRB1*11:42+DRB1*11:68		
DRB1*11:08:01G+DRB1*11:40	DRB1*11:09+DRB1*11:36		
DRB1*11:08:01G+DRB1*11:41	DRB1*11:36+DRB1*11:37	DRB1*11:56+DRB1*11:68	
DRB1*11:08:01G+DRB1*11:43	DRB1*11:39+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:44	DRB1*11:42+DRB1*11:49		
DRB1*11:08:01G+DRB1*11:45	DRB1*11:19:01+DRB1*11:64		
DRB1*11:08:01G+DRB1*11:47	DRB1*11:29+DRB1*11:57		
DRB1*11:08:01G+DRB1*11:56	DRB1*11:37+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:58:01	DRB1*11:28:02+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:58:02	DRB1*11:28:01+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:59	DRB1*11:36+DRB1*11:87		
DRB1*11:08:01G+DRB1*11:63	DRB1*11:29+DRB1*11:36		
DRB1*11:08:01G+DRB1*11:84	DRB1*11:27:01+DRB1*11:42		
DRB1*11:08:01G+DRB1*11:85	DRB1*11:36+DRB1*11:49	DRB1*11:44+DRB1*11:68	
DRB1*11:08:01G+DRB1*11:92	DRB1*11:42+DRB1*11:72		
DRB1*11:08:01G+DRB1*12:01:01G	DRB1*11:19:01+DRB1*12:12		
DRB1*11:08:01G+DRB1*12:09	DRB1*12:04+DRB1*13:25		
DRB1*11:08:01G+DRB1*12:21	DRB1*11:37+DRB1*12:12		
DRB1*11:08:01G+DRB1*13:01:05	DRB1*11:42+DRB1*13:02:03		
DRB1*11:08:01G+DRB1*13:02:01	DRB1*11:14:01G+DRB1*13:56	DRB1*11:19:01+DRB1*13:29	DRB1*11:20+DRB1*13:25
DRB1*11:08:01G+DRB1*13:02:02	DRB1*11:19:02+DRB1*13:29		
DRB1*11:08:01G+DRB1*13:03:01G	DRB1*11:19:01+DRB1*13:88		
DRB1*11:08:01G+DRB1*13:04	DRB1*11:36+DRB1*13:30		
DRB1*11:08:01G+DRB1*13:06	DRB1*11:18+DRB1*13:56		
DRB1*11:08:01G+DRB1*13:07:01	DRB1*11:37+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:11:02	DRB1*11:42+DRB1*13:14:02		
DRB1*11:08:01G+DRB1*13:13	DRB1*11:64+DRB1*13:12		
DRB1*11:08:01G+DRB1*13:16	DRB1*11:86+DRB1*13:56		
DRB1*11:08:01G+DRB1*13:18	DRB1*11:25+DRB1*13:56	DRB1*11:64+DRB1*13:42	
DRB1*11:08:01G+DRB1*13:20	DRB1*11:36+DRB1*13:56	DRB1*11:42+DRB1*13:29	
DRB1*11:08:01G+DRB1*13:23	DRB1*11:14:01G+DRB1*13:25	DRB1*11:68+DRB1*13:82	
DRB1*11:08:01G+DRB1*13:27	DRB1*11:19:01+DRB1*13:71	DRB1*11:42+DRB1*13:41	
DRB1*11:08:01G+DRB1*13:29	DRB1*11:68+DRB1*13:56		
DRB1*11:08:01G+DRB1*13:32	DRB1*11:42+DRB1*13:65		
DRB1*11:08:01G+DRB1*13:38	DRB1*11:68+DRB1*13:12		
DRB1*11:08:01G+DRB1*13:40	DRB1*11:42+DRB1*13:36	DRB1*11:48+DRB1*13:56	
DRB1*11:08:01G+DRB1*13:44	DRB1*11:34+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:47	DRB1*11:64+DRB1*13:07:01		
DRB1*11:08:01G+DRB1*13:48	DRB1*11:36+DRB1*13:12	DRB1*11:42+DRB1*13:38	DRB1*11:98+DRB1*13:88
DRB1*11:08:01G+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:52	DRB1*11:42+DRB1*13:97		
DRB1*11:08:01G+DRB1*13:54	DRB1*11:36+DRB1*13:100		
DRB1*11:08:01G+DRB1*13:55	DRB1*11:64+DRB1*13:49		
DRB1*11:08:01G+DRB1*13:58	DRB1*11:57+DRB1*13:12		

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DRB1*11:08:01G+DRB1*13:62	DRB1*11:15+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:70	DRB1*11:48+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:75	DRB1*11:36+DRB1*13:21:01G		
DRB1*11:08:01G+DRB1*13:79	DRB1*11:19:01+DRB1*13:78	DRB1*11:42+DRB1*13:39	
DRB1*11:08:01G+DRB1*13:81	DRB1*11:57+DRB1*13:03:01G		
DRB1*11:08:01G+DRB1*13:82	DRB1*11:19:01+DRB1*13:25		
DRB1*11:08:01G+DRB1*13:89	DRB1*11:18+DRB1*13:88	DRB1*11:42+DRB1*13:03:01G	
DRB1*11:08:01G+DRB1*13:94	DRB1*11:42+DRB1*13:33:01		
DRB1*11:08:01G+DRB1*14:01:01G	DRB1*11:42+DRB1*14:07:01G		
DRB1*11:08:01G+DRB1*14:04	DRB1*11:42+DRB1*14:68		
DRB1*11:08:01G+DRB1*14:05:01	DRB1*11:42+DRB1*14:44:01		
DRB1*11:08:01G+DRB1*14:05:03	DRB1*11:42+DRB1*14:44:02		
DRB1*11:08:01G+DRB1*14:06:01G	DRB1*11:42+DRB1*14:02		
DRB1*11:08:01G+DRB1*14:02:01G	DRB1*11:42+DRB1*14:03:01		
DRB1*11:08:01G+DRB1*14:16	DRB1*11:14:01G+DRB1*14:74		
DRB1*11:08:01G+DRB1*14:17	DRB1*11:34+DRB1*13:56	DRB1*11:42+DRB1*14:30	
DRB1*11:08:01G+DRB1*14:22	DRB1*11:10:01G+DRB1*14:69		
DRB1*11:08:01G+DRB1*14:23:01	DRB1*11:17+DRB1*13:25	DRB1*11:42+DRB1*14:14	
DRB1*11:08:01G+DRB1*14:28	DRB1*11:57+DRB1*14:68		
DRB1*11:08:01G+DRB1*14:29	DRB1*11:57+DRB1*14:02		
DRB1*11:08:01G+DRB1*14:30	DRB1*11:26+DRB1*13:56		
DRB1*11:08:01G+DRB1*14:32:02	DRB1*11:13:01G+DRB1*14:69		
DRB1*11:08:01G+DRB1*14:45	DRB1*11:18+DRB1*14:44:01	DRB1*11:19:01+DRB1*14:05:01	
DRB1*11:08:01G+DRB1*14:55	DRB1*11:64+DRB1*14:32:02		
DRB1*11:08:01G+DRB1*14:63	DRB1*11:19:01+DRB1*14:85		
DRB1*11:08:01G+DRB1*14:67	DRB1*11:19:01+DRB1*14:03:01		
DRB1*11:08:01G+DRB1*14:78	DRB1*11:18+DRB1*14:85	DRB1*11:42+DRB1*14:63	
DRB1*11:08:01G+DRB1*14:80	DRB1*11:42+DRB1*14:09		
DRB1*11:08:01G+DRB1*14:89	DRB1*11:26+DRB1*14:03:01	DRB1*11:64+DRB1*14:02	
DRB1*11:08:01G+DRB1*14:99	DRB1*11:57+DRB1*14:07:01G		
DRB1*11:08:01G+DRB1*15:01:01G	DRB1*11:18+DRB1*15:31	DRB1*11:19:01+DRB1*15:05	DRB1*11:42+DRB1*15:02:01
DRB1*11:08:01G+DRB1*15:01:03	DRB1*11:42+DRB1*15:02:06		
DRB1*11:08:01G+DRB1*15:01:04	DRB1*11:42+DRB1*15:02:02G		
DRB1*11:08:01G+DRB1*15:01:09	DRB1*11:42+DRB1*15:02:04		
DRB1*11:08:01G+DRB1*15:01:10	DRB1*11:42+DRB1*15:02:08		
DRB1*11:08:01G+DRB1*15:02:01	DRB1*11:19:01+DRB1*15:31		
DRB1*11:08:01G+DRB1*15:03:01G	DRB1*11:19:01+DRB1*15:23		
DRB1*11:08:01G+DRB1*15:05	DRB1*11:42+DRB1*15:31		
DRB1*11:08:01G+DRB1*15:07	DRB1*11:42+DRB1*15:11		
DRB1*11:08:01G+DRB1*15:11	DRB1*11:82+DRB1*16:02:02		
DRB1*11:08:01G+DRB1*15:34	DRB1*11:26+DRB1*16:02:02		
DRB1*11:08:01G+DRB1*15:35	DRB1*11:57+DRB1*15:02:01		
DRB1*11:08:01G+DRB1*16:04	DRB1*11:23+DRB1*16:02:02	DRB1*11:64+DRB1*16:01:02	
DRB1*11:08:01G+DRB1*16:05:01	DRB1*11:19:01+DRB1*16:02:01	DRB1*11:19:02+DRB1*16:02:02	
DRB1*11:09+DRB1*11:12:01	DRB1*11:10:01G+DRB1*11:28:01		
DRB1*11:09+DRB1*11:12:02	DRB1*11:10:01G+DRB1*11:28:02		
DRB1*11:09+DRB1*11:41	DRB1*11:37+DRB1*11:40		
DRB1*11:09+DRB1*11:48	DRB1*11:16+DRB1*11:37	DRB1*11:20+DRB1*11:56	
DRB1*11:09+DRB1*11:55	DRB1*11:23+DRB1*11:40		
DRB1*11:09+DRB1*11:59	DRB1*11:40+DRB1*11:87		
DRB1*11:09+DRB1*11:63	DRB1*11:29+DRB1*11:40		
DRB1*11:09+DRB1*11:65:01G	DRB1*11:16+DRB1*11:33	DRB1*11:20+DRB1*11:35	
DRB1*11:09+DRB1*11:70	DRB1*11:16+DRB1*11:32		
DRB1*11:09+DRB1*11:80	DRB1*11:62+DRB1*11:87		
DRB1*11:09+DRB1*11:85	DRB1*11:40+DRB1*11:49		
DRB1*11:09+DRB1*12:09	DRB1*12:04+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:01:01G	DRB1*11:16+DRB1*13:05:01G	DRB1*11:20+DRB1*13:42	
DRB1*11:09+DRB1*13:02:01	DRB1*11:20+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:07:01	DRB1*11:37+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:08	DRB1*11:10:01G+DRB1*13:40		
DRB1*11:09+DRB1*13:19	DRB1*11:10:01G+DRB1*13:53		
DRB1*11:09+DRB1*13:20	DRB1*11:40+DRB1*13:56		
DRB1*11:09+DRB1*13:27	DRB1*11:87+DRB1*13:01:01G		
DRB1*11:09+DRB1*13:41	DRB1*11:87+DRB1*13:02:01		
DRB1*11:09+DRB1*13:45	DRB1*11:20+DRB1*14:53		
DRB1*11:09+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:52	DRB1*11:46+DRB1*13:02:01		
DRB1*11:09+DRB1*13:54	DRB1*11:40+DRB1*13:100		
DRB1*11:09+DRB1*13:57	DRB1*11:10:01G+DRB1*13:15		
DRB1*11:09+DRB1*13:62	DRB1*11:15+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:69	DRB1*11:16+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:01:01G	DRB1*11:58:01+DRB1*13:02:01
DRB1*11:09+DRB1*13:71	DRB1*11:59+DRB1*13:56	DRB1*11:87+DRB1*13:20	
DRB1*11:09+DRB1*13:75	DRB1*11:40+DRB1*13:21:01G		
DRB1*11:09+DRB1*13:82	DRB1*11:19:01+DRB1*13:05:01G		
DRB1*11:09+DRB1*13:83	DRB1*11:10:01G+DRB1*13:01:01G		
DRB1*11:09+DRB1*14:16	DRB1*11:16+DRB1*14:22		
DRB1*11:09+DRB1*14:20	DRB1*11:10:01G+DRB1*14:06:01G		
DRB1*11:09+DRB1*14:23:01	DRB1*11:17+DRB1*13:05:01G		
DRB1*11:09+DRB1*14:40	DRB1*11:10:01G+DRB1*14:03:01		
DRB1*11:09+DRB1*14:82	DRB1*11:87+DRB1*14:01:01G		
DRB1*11:10:01G+DRB1*13:23	DRB1*11:12:01+DRB1*13:97		
DRB1*11:10:01G+DRB1*13:27	DRB1*11:87+DRB1*13:83		
DRB1*11:10:01G+DRB1*13:50:01	DRB1*11:12:01+DRB1*13:05:01G		
DRB1*11:10:01G+DRB1*13:50:02	DRB1*11:12:02+DRB1*13:05:01G		
DRB1*11:10:01G+DRB1*14:32:02	DRB1*11:13:01G+DRB1*14:22		
DRB1*11:11:01G+DRB1*11:31	DRB1*11:14:01G+DRB1*11:96		
DRB1*11:11:01G+DRB1*11:45	DRB1*11:14:01G+DRB1*11:23		
DRB1*11:11:01G+DRB1*11:48	DRB1*11:14:01G+DRB1*11:41		
DRB1*11:11:01G+DRB1*11:64	DRB1*11:23+DRB1*11:68		
DRB1*11:11:01G+DRB1*11:73	DRB1*11:14:01G+DRB1*11:93		
DRB1*11:11:01G+DRB1*11:82	DRB1*11:14:01G+DRB1*11:69		
DRB1*11:11:01G+DRB1*11:83	DRB1*11:37+DRB1*11:59	DRB1*11:41+DRB1*11:87	
DRB1*11:11:01G+DRB1*12:01:01G	DRB1*11:14:01G+DRB1*12:02:01		
DRB1*11:11:01G+DRB1*12:01:02	DRB1*11:21+DRB1*12:16		
DRB1*11:11:01G+DRB1*12:01:03	DRB1*11:14:01G+DRB1*12:02:02		
DRB1*11:11:01G+DRB1*12:05	DRB1*11:14:01G+DRB1*12:15		
DRB1*11:11:01G+DRB1*12:12	DRB1*11:68+DRB1*12:02:01		
DRB1*11:11:01G+DRB1*13:02:01	DRB1*11:14:01G+DRB1*13:63		
DRB1*11:11:01G+DRB1*13:03:01G	DRB1*11:93+DRB1*13:38		
DRB1*11:11:01G+DRB1*13:04	DRB1*11:14:01G+DRB1*13:75		
DRB1*11:11:01G+DRB1*13:09	DRB1*11:69+DRB1*13:01:01G		
DRB1*11:11:01G+DRB1*13:10	DRB1*11:93+DRB1*13:01:01G		
DRB1*11:11:01G+DRB1*13:13	DRB1*11:14:01G+DRB1*13:55	DRB1*11:23+DRB1*13:38	
DRB1*11:11:01G+DRB1*13:16	DRB1*11:86+DRB1*13:63		

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DRB1*11:11:01G+DRB1*13:18	DRB1*11:25+DRB1*13:63	DRB1*11:55+DRB1*13:05:01G	
DRB1*11:11:01G+DRB1*13:25	DRB1*11:68+DRB1*13:14:01G		
DRB1*11:11:01G+DRB1*13:29	DRB1*11:68+DRB1*13:63		
DRB1*11:11:01G+DRB1*13:30	DRB1*11:14:01G+DRB1*13:21:01G		
DRB1*11:11:01G+DRB1*13:44	DRB1*11:26+DRB1*13:24		
DRB1*11:11:01G+DRB1*13:70	DRB1*11:41+DRB1*13:23		
DRB1*11:11:01G+DRB1*13:93	DRB1*11:20+DRB1*13:75		
DRB1*11:11:01G+DRB1*14:03:01	DRB1*11:68+DRB1*14:27		
DRB1*11:11:01G+DRB1*14:30	DRB1*11:26+DRB1*13:63		
DRB1*11:11:01G+DRB1*14:37	DRB1*11:69+DRB1*13:72		
DRB1*11:11:01G+DRB1*14:67	DRB1*11:14:01G+DRB1*14:27		
DRB1*11:11:01G+DRB1*14:69	DRB1*11:68+DRB1*14:25		
DRB1*11:11:01G+DRB1*14:74	DRB1*11:36+DRB1*14:22		
DRB1*11:11:01G+DRB1*14:95	DRB1*11:59+DRB1*14:42		
DRB1*11:11:01G+DRB1*15:02:01	DRB1*11:14:01G+DRB1*15:15		
DRB1*11:11:01G+DRB1*15:21	DRB1*11:23+DRB1*15:10		
DRB1*11:11:01G+DRB1*15:31	DRB1*11:68+DRB1*15:15		
DRB1*11:11:01G+DRB1*15:35	DRB1*11:21+DRB1*15:15		
DRB1*11:11:01G+DRB1*16:02:01	DRB1*11:68+DRB1*16:01:01		
DRB1*11:11:01G+DRB1*16:02:02	DRB1*11:68+DRB1*16:01:02		
DRB1*11:11:01G+DRB1*16:05:01	DRB1*11:14:01G+DRB1*16:01:01		
DRB1*11:11:01G+DRB1*16:10	DRB1*11:68+DRB1*16:09		
DRB1*11:12:01+DRB1*11:28:02	DRB1*11:12:02+DRB1*11:28:01		
DRB1*11:12:01+DRB1*11:58:01	DRB1*11:12:02+DRB1*11:58:02		
DRB1*11:12:01+DRB1*13:15	DRB1*11:28:01+DRB1*13:57		
DRB1*11:12:01+DRB1*13:40	DRB1*11:28:01+DRB1*13:08	DRB1*11:37+DRB1*13:87	
DRB1*11:12:01+DRB1*13:50:02	DRB1*11:12:02+DRB1*13:50:01		
DRB1*11:12:01+DRB1*13:53	DRB1*11:28:01+DRB1*13:19		
DRB1*11:12:01+DRB1*13:61	DRB1*11:27:01+DRB1*13:87		
DRB1*11:12:01+DRB1*13:68	DRB1*11:24+DRB1*13:83		
DRB1*11:12:01+DRB1*13:84	DRB1*11:29+DRB1*13:08		
DRB1*11:12:01+DRB1*14:03:01	DRB1*11:28:01+DRB1*14:40		
DRB1*11:12:01+DRB1*14:06:01G	DRB1*11:28:01+DRB1*14:20		
DRB1*11:12:01+DRB1*14:02:01G	DRB1*11:58:02+DRB1*14:40		
DRB1*11:12:01+DRB1*14:91	DRB1*11:29+DRB1*14:05:01		
DRB1*11:12:01+DRB1*14:97	DRB1*11:44+DRB1*14:07:01G	DRB1*11:49+DRB1*14:01:01G	
DRB1*11:12:02+DRB1*13:15	DRB1*11:28:02+DRB1*13:57		
DRB1*11:12:02+DRB1*13:40	DRB1*11:28:02+DRB1*13:08		
DRB1*11:12:02+DRB1*13:53	DRB1*11:28:02+DRB1*13:19		
DRB1*11:12:02+DRB1*14:03:01	DRB1*11:28:02+DRB1*14:40		
DRB1*11:12:02+DRB1*14:06:01G	DRB1*11:28:02+DRB1*14:20		
DRB1*11:12:02+DRB1*14:02:01G	DRB1*11:58:01+DRB1*14:40		
DRB1*11:13:01G+DRB1*13:30	DRB1*11:19:01+DRB1*14:65		
DRB1*11:13:01G+DRB1*13:48	DRB1*11:48+DRB1*14:65		
DRB1*11:13:01G+DRB1*13:49	DRB1*11:37+DRB1*14:65		
DRB1*11:13:01G+DRB1*13:66:01G	DRB1*11:73+DRB1*14:65		
DRB1*11:13:01G+DRB1*13:93	DRB1*11:16+DRB1*14:65		
DRB1*11:14:01G+DRB1*11:47	DRB1*11:21+DRB1*11:29		
DRB1*11:14:01G+DRB1*11:64	DRB1*11:45+DRB1*11:68		
DRB1*11:14:01G+DRB1*11:83	DRB1*11:48+DRB1*11:87		
DRB1*11:14:01G+DRB1*12:09	DRB1*12:04+DRB1*13:23		
DRB1*11:14:01G+DRB1*12:12	DRB1*11:68+DRB1*12:01:01G		
DRB1*11:14:01G+DRB1*13:02:01	DRB1*11:20+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:03:01G	DRB1*11:73+DRB1*13:38		
DRB1*11:14:01G+DRB1*13:06	DRB1*11:16+DRB1*13:82	DRB1*11:18+DRB1*13:02:01	DRB1*11:19:01+DRB1*13:01:01G
DRB1*11:14:01G+DRB1*13:07:01	DRB1*11:37+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:09	DRB1*11:82+DRB1*13:01:01G		
DRB1*11:14:01G+DRB1*13:10	DRB1*11:73+DRB1*13:01:01G		
DRB1*11:14:01G+DRB1*13:12	DRB1*11:19:01+DRB1*13:38		
DRB1*11:14:01G+DRB1*13:13	DRB1*11:45+DRB1*13:38		
DRB1*11:14:01G+DRB1*13:16	DRB1*11:86+DRB1*13:02:01		
DRB1*11:14:01G+DRB1*13:18	DRB1*11:23+DRB1*13:01:01G	DRB1*11:25+DRB1*13:02:01	
DRB1*11:14:01G+DRB1*13:29	DRB1*11:68+DRB1*13:02:01		
DRB1*11:14:01G+DRB1*13:44	DRB1*11:26+DRB1*13:22	DRB1*11:34+DRB1*13:23	
DRB1*11:14:01G+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:58	DRB1*11:21+DRB1*13:12		
DRB1*11:14:01G+DRB1*13:62	DRB1*11:15+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:65	DRB1*11:20+DRB1*13:38		
DRB1*11:14:01G+DRB1*13:70	DRB1*11:48+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:71	DRB1*11:36+DRB1*13:41	DRB1*11:68+DRB1*13:27	
DRB1*11:14:01G+DRB1*13:78	DRB1*11:36+DRB1*13:39	DRB1*11:68+DRB1*13:79	
DRB1*11:14:01G+DRB1*13:81	DRB1*11:21+DRB1*13:03:01G		
DRB1*11:14:01G+DRB1*13:82	DRB1*11:19:01+DRB1*13:23		
DRB1*11:14:01G+DRB1*13:88	DRB1*11:68+DRB1*13:03:01G		
DRB1*11:14:01G+DRB1*13:93	DRB1*11:20+DRB1*13:04		
DRB1*11:14:01G+DRB1*14:03:01	DRB1*11:68+DRB1*14:67		
DRB1*11:14:01G+DRB1*14:09	DRB1*11:26+DRB1*13:36		
DRB1*11:14:01G+DRB1*14:20	DRB1*11:26+DRB1*13:19		
DRB1*11:14:01G+DRB1*14:21	DRB1*11:79+DRB1*13:01:01G		
DRB1*11:14:01G+DRB1*14:25	DRB1*11:37+DRB1*13:45		
DRB1*11:14:01G+DRB1*14:28	DRB1*11:21+DRB1*14:68		
DRB1*11:14:01G+DRB1*14:29	DRB1*11:21+DRB1*14:02		
DRB1*11:14:01G+DRB1*14:30	DRB1*11:26+DRB1*13:02:01		
DRB1*11:14:01G+DRB1*14:37	DRB1*11:82+DRB1*13:72		
DRB1*11:14:01G+DRB1*14:85	DRB1*11:68+DRB1*14:63		
DRB1*11:14:01G+DRB1*14:99	DRB1*11:21+DRB1*14:07:01G		
DRB1*11:14:01G+DRB1*15:21	DRB1*11:45+DRB1*15:10		
DRB1*11:14:01G+DRB1*15:23	DRB1*11:68+DRB1*15:03:01G		
DRB1*11:14:01G+DRB1*15:31	DRB1*11:68+DRB1*15:02:01		
DRB1*11:14:01G+DRB1*15:35	DRB1*11:21+DRB1*15:02:01		
DRB1*11:14:01G+DRB1*16:02:01	DRB1*11:68+DRB1*16:05:01		
DRB1*11:15+DRB1*12:09	DRB1*12:04+DRB1*13:62		
DRB1*11:15+DRB1*13:01:01G	DRB1*11:16+DRB1*13:62		
DRB1*11:15+DRB1*13:02:01	DRB1*11:20+DRB1*13:62		
DRB1*11:15+DRB1*13:07:01	DRB1*11:37+DRB1*13:62		
DRB1*11:15+DRB1*13:44	DRB1*11:34+DRB1*13:62		
DRB1*11:15+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:62		
DRB1*11:15+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:62		
DRB1*11:15+DRB1*13:70	DRB1*11:48+DRB1*13:62		
DRB1*11:15+DRB1*13:82	DRB1*11:19:01+DRB1*13:62		
DRB1*11:15+DRB1*14:23:01	DRB1*11:17+DRB1*13:62		
DRB1*11:16+DRB1*11:19:01	DRB1*11:18+DRB1*11:20		
DRB1*11:16+DRB1*11:23	DRB1*11:20+DRB1*11:25	DRB1*11:40+DRB1*11:45	
DRB1*11:16+DRB1*11:26	DRB1*11:20+DRB1*11:34		

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DRB1*11:16+DRB1*11:27:01	DRB1*11:20+DRB1*11:84		
DRB1*11:16+DRB1*11:28:01	DRB1*11:20+DRB1*11:58:02		
DRB1*11:16+DRB1*11:28:02	DRB1*11:20+DRB1*11:58:01		
DRB1*11:16+DRB1*11:39	DRB1*11:20+DRB1*11:43		
DRB1*11:16+DRB1*11:41	DRB1*11:40+DRB1*11:48		
DRB1*11:16+DRB1*11:49	DRB1*11:20+DRB1*11:44		
DRB1*11:16+DRB1*11:68	DRB1*11:20+DRB1*11:36		
DRB1*11:16+DRB1*11:69	DRB1*11:40+DRB1*11:82		
DRB1*11:16+DRB1*11:72	DRB1*11:20+DRB1*11:92		
DRB1*11:16+DRB1*11:93	DRB1*11:40+DRB1*11:73		
DRB1*11:16+DRB1*11:96	DRB1*11:31+DRB1*11:40		
DRB1*11:16+DRB1*12:02:01	DRB1*11:40+DRB1*12:01:01G		
DRB1*11:16+DRB1*12:02:02	DRB1*11:40+DRB1*12:01:03		
DRB1*11:16+DRB1*12:09	DRB1*12:04+DRB1*13:01:01G		
DRB1*11:16+DRB1*12:15	DRB1*11:40+DRB1*12:05		
DRB1*11:16+DRB1*13:02:01	DRB1*11:20+DRB1*13:01:01G		
DRB1*11:16+DRB1*13:02:03	DRB1*11:20+DRB1*13:01:05		
DRB1*11:16+DRB1*13:03:01G	DRB1*11:20+DRB1*13:89	DRB1*11:73+DRB1*13:32	
DRB1*11:16+DRB1*13:07:02	DRB1*11:37+DRB1*13:01:05	DRB1*11:56+DRB1*13:02:03	
DRB1*11:16+DRB1*13:12	DRB1*11:18+DRB1*13:65	DRB1*11:19:01+DRB1*13:32	
DRB1*11:16+DRB1*13:13	DRB1*11:45+DRB1*13:32		
DRB1*11:16+DRB1*13:29	DRB1*11:20+DRB1*13:20		
DRB1*11:16+DRB1*13:30	DRB1*11:19:01+DRB1*13:93		
DRB1*11:16+DRB1*13:33:01	DRB1*11:20+DRB1*13:94		
DRB1*11:16+DRB1*13:36	DRB1*11:20+DRB1*13:40		
DRB1*11:16+DRB1*13:37	DRB1*11:73+DRB1*13:40		
DRB1*11:16+DRB1*13:39	DRB1*11:20+DRB1*13:79		
DRB1*11:16+DRB1*13:41	DRB1*11:20+DRB1*13:27		
DRB1*11:16+DRB1*13:42	DRB1*11:40+DRB1*13:06		
DRB1*11:16+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:01:01G	DRB1*11:58:02+DRB1*13:02:01	
DRB1*11:16+DRB1*13:55	DRB1*11:23+DRB1*13:32	DRB1*11:25+DRB1*13:65	DRB1*11:40+DRB1*13:13
DRB1*11:16+DRB1*13:63	DRB1*11:40+DRB1*13:02:01		
DRB1*11:16+DRB1*13:65	DRB1*11:20+DRB1*13:32		
DRB1*11:16+DRB1*13:66:01G	DRB1*11:73+DRB1*13:93		
DRB1*11:16+DRB1*13:86	DRB1*11:26+DRB1*13:15		
DRB1*11:16+DRB1*13:97	DRB1*11:20+DRB1*13:52		
DRB1*11:16+DRB1*14:02	DRB1*11:20+DRB1*14:06:01G		
DRB1*11:16+DRB1*14:03:01	DRB1*11:20+DRB1*14:02:01G		
DRB1*11:16+DRB1*14:07:01G	DRB1*11:20+DRB1*14:01:01G		
DRB1*11:16+DRB1*14:09	DRB1*11:20+DRB1*14:80		
DRB1*11:16+DRB1*14:14	DRB1*11:17+DRB1*13:02:01	DRB1*11:20+DRB1*14:23:01	
DRB1*11:16+DRB1*14:23:01	DRB1*11:17+DRB1*13:01:01G		
DRB1*11:16+DRB1*14:23:03	DRB1*11:17+DRB1*13:01:06		
DRB1*11:16+DRB1*14:27	DRB1*11:40+DRB1*14:67		
DRB1*11:16+DRB1*14:30	DRB1*11:20+DRB1*14:17		
DRB1*11:16+DRB1*14:44:01	DRB1*11:20+DRB1*14:05:01		
DRB1*11:16+DRB1*14:44:02	DRB1*11:20+DRB1*14:05:03		
DRB1*11:16+DRB1*14:63	DRB1*11:20+DRB1*14:78		
DRB1*11:16+DRB1*14:68	DRB1*11:20+DRB1*14:04		
DRB1*11:16+DRB1*15:02:01	DRB1*11:20+DRB1*15:01:01G		
DRB1*11:16+DRB1*15:02:02G	DRB1*11:20+DRB1*15:01:04		
DRB1*11:16+DRB1*15:02:04	DRB1*11:20+DRB1*15:01:09		
DRB1*11:16+DRB1*15:02:06	DRB1*11:20+DRB1*15:01:03		
DRB1*11:16+DRB1*15:02:08	DRB1*11:20+DRB1*15:01:10		
DRB1*11:16+DRB1*15:04	DRB1*11:40+DRB1*15:01:01G		
DRB1*11:16+DRB1*15:11	DRB1*11:20+DRB1*15:07		
DRB1*11:16+DRB1*15:15	DRB1*11:20+DRB1*15:04	DRB1*11:40+DRB1*15:02:01	
DRB1*11:16+DRB1*15:31	DRB1*11:20+DRB1*15:05		
DRB1*11:16+DRB1*16:01:01	DRB1*11:20+DRB1*16:15	DRB1*11:40+DRB1*16:05:01	
DRB1*11:16+DRB1*16:02:01	DRB1*13:01:05+DRB1*16:16		
DRB1*11:17+DRB1*11:31	DRB1*11:19:01+DRB1*11:52		
DRB1*11:17+DRB1*11:67	DRB1*11:25+DRB1*14:11		
DRB1*11:17+DRB1*12:09	DRB1*12:04+DRB1*14:23:01		
DRB1*11:17+DRB1*13:07:01	DRB1*11:37+DRB1*14:23:01	DRB1*11:56+DRB1*14:14	
DRB1*11:17+DRB1*13:17	DRB1*13:22+DRB1*14:11		
DRB1*11:17+DRB1*13:44	DRB1*11:34+DRB1*14:23:01		
DRB1*11:17+DRB1*13:50:01	DRB1*11:28:01+DRB1*14:23:01	DRB1*11:58:02+DRB1*14:14	
DRB1*11:17+DRB1*13:50:02	DRB1*11:28:02+DRB1*14:23:01	DRB1*11:58:01+DRB1*14:14	
DRB1*11:17+DRB1*13:63	DRB1*11:40+DRB1*14:14		
DRB1*11:17+DRB1*13:70	DRB1*11:48+DRB1*14:23:01		
DRB1*11:17+DRB1*13:82	DRB1*11:18+DRB1*14:14	DRB1*11:19:01+DRB1*14:23:01	
DRB1*11:17+DRB1*14:04	DRB1*14:01:01G+DRB1*14:11		
DRB1*11:17+DRB1*14:08	DRB1*11:52+DRB1*14:23:02		
DRB1*11:17+DRB1*14:25	DRB1*11:37+DRB1*14:01:01G	DRB1*11:56+DRB1*14:07:01G	
DRB1*11:17+DRB1*14:28	DRB1*14:11+DRB1*14:99		
DRB1*11:17+DRB1*14:31	DRB1*14:11+DRB1*14:32:02		
DRB1*11:17+DRB1*14:50	DRB1*14:11+DRB1*14:38		
DRB1*11:17+DRB1*14:52	DRB1*14:06:01G+DRB1*14:11		
DRB1*11:17+DRB1*14:68	DRB1*14:07:01G+DRB1*14:11		
DRB1*11:17+DRB1*14:79	DRB1*11:52+DRB1*14:76		
DRB1*11:18+DRB1*11:26	DRB1*11:19:01+DRB1*11:34		
DRB1*11:18+DRB1*11:27:01	DRB1*11:19:01+DRB1*11:84		
DRB1*11:18+DRB1*11:28:01	DRB1*11:19:01+DRB1*11:58:02		
DRB1*11:18+DRB1*11:28:02	DRB1*11:19:01+DRB1*11:58:01		
DRB1*11:18+DRB1*11:33	DRB1*11:19:01+DRB1*11:35		
DRB1*11:18+DRB1*11:37	DRB1*11:19:01+DRB1*11:56		
DRB1*11:18+DRB1*11:39	DRB1*11:19:01+DRB1*11:43		
DRB1*11:18+DRB1*11:49	DRB1*11:19:01+DRB1*11:44		
DRB1*11:18+DRB1*11:64	DRB1*11:42+DRB1*11:45		
DRB1*11:18+DRB1*11:72	DRB1*11:19:01+DRB1*11:92		
DRB1*11:18+DRB1*11:79	DRB1*11:34+DRB1*11:73		
DRB1*11:18+DRB1*12:12	DRB1*11:42+DRB1*12:01:01G		
DRB1*11:18+DRB1*12:21	DRB1*11:56+DRB1*12:01:01G		
DRB1*11:18+DRB1*13:02:02	DRB1*11:19:02+DRB1*13:01:01G		
DRB1*11:18+DRB1*13:02:03	DRB1*11:19:01+DRB1*13:01:05		
DRB1*11:18+DRB1*13:03:01G	DRB1*11:19:01+DRB1*13:89		
DRB1*11:18+DRB1*13:07:01	DRB1*11:56+DRB1*13:82		
DRB1*11:18+DRB1*13:14:02	DRB1*11:19:01+DRB1*13:11:02		
DRB1*11:18+DRB1*13:16	DRB1*11:86+DRB1*13:06		
DRB1*11:18+DRB1*13:18	DRB1*11:25+DRB1*13:06		
DRB1*11:18+DRB1*13:20	DRB1*11:36+DRB1*13:06	DRB1*11:42+DRB1*13:01:01G	
DRB1*11:18+DRB1*13:25	DRB1*11:42+DRB1*13:82		
DRB1*11:18+DRB1*13:33:01	DRB1*11:19:01+DRB1*13:94		
DRB1*11:18+DRB1*13:36	DRB1*11:19:01+DRB1*13:40		
DRB1*11:18+DRB1*13:39	DRB1*11:19:01+DRB1*13:79		

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DRB1*11:18+DRB1*13:40	DRB1*11:48+DRB1*13:06		
DRB1*11:18+DRB1*13:41	DRB1*11:19:01+DRB1*13:27		
DRB1*11:18+DRB1*13:48	DRB1*11:98+DRB1*13:89		
DRB1*11:18+DRB1*13:50:01	DRB1*11:58:02+DRB1*13:82		
DRB1*11:18+DRB1*13:50:02	DRB1*11:58:01+DRB1*13:82		
DRB1*11:18+DRB1*13:71	DRB1*11:42+DRB1*13:27		
DRB1*11:18+DRB1*13:78	DRB1*11:42+DRB1*13:79		
DRB1*11:18+DRB1*13:97	DRB1*11:19:01+DRB1*13:52		
DRB1*11:18+DRB1*14:02	DRB1*11:19:01+DRB1*14:06:01G		
DRB1*11:18+DRB1*14:03:01	DRB1*11:19:01+DRB1*14:02:01G	DRB1*11:42+DRB1*14:67	
DRB1*11:18+DRB1*14:05:01	DRB1*11:42+DRB1*14:45		
DRB1*11:18+DRB1*14:07:01G	DRB1*11:19:01+DRB1*14:01:01G		
DRB1*11:18+DRB1*14:09	DRB1*11:19:01+DRB1*14:80		
DRB1*11:18+DRB1*14:17	DRB1*11:34+DRB1*13:06		
DRB1*11:18+DRB1*14:19	DRB1*11:34+DRB1*13:85	DRB1*11:73+DRB1*14:06:01G	
DRB1*11:18+DRB1*14:21	DRB1*11:34+DRB1*13:10		
DRB1*11:18+DRB1*14:30	DRB1*11:19:01+DRB1*14:17	DRB1*11:26+DRB1*13:06	
DRB1*11:18+DRB1*14:44:02	DRB1*11:19:01+DRB1*14:05:03		
DRB1*11:18+DRB1*14:63	DRB1*11:19:01+DRB1*14:78		
DRB1*11:18+DRB1*14:68	DRB1*11:19:01+DRB1*14:04		
DRB1*11:18+DRB1*14:89	DRB1*11:34+DRB1*14:67	DRB1*11:45+DRB1*14:06:01G	
DRB1*11:18+DRB1*15:02:01	DRB1*11:19:01+DRB1*15:01:01G		
DRB1*11:18+DRB1*15:02:02G	DRB1*11:19:01+DRB1*15:01:04		
DRB1*11:18+DRB1*15:02:04	DRB1*11:19:01+DRB1*15:01:09		
DRB1*11:18+DRB1*15:02:06	DRB1*11:19:01+DRB1*15:01:03		
DRB1*11:18+DRB1*15:02:08	DRB1*11:19:01+DRB1*15:01:10		
DRB1*11:18+DRB1*15:05	DRB1*11:42+DRB1*15:01:01G		
DRB1*11:18+DRB1*15:11	DRB1*11:19:01+DRB1*15:07		
DRB1*11:18+DRB1*15:23	DRB1*11:42+DRB1*15:03:01G		
DRB1*11:18+DRB1*16:02:01	DRB1*11:42+DRB1*16:05:01		
DRB1*11:18+DRB1*16:04	DRB1*11:37+DRB1*15:21		
DRB1*11:19:01+DRB1*11:79	DRB1*11:26+DRB1*11:73		
DRB1*11:19:01+DRB1*12:01:03	DRB1*11:19:02+DRB1*12:01:02		
DRB1*11:19:01+DRB1*12:09	DRB1*12:04+DRB1*13:82		
DRB1*11:19:01+DRB1*12:21	DRB1*11:37+DRB1*12:01:01G		
DRB1*11:19:01+DRB1*13:02:01	DRB1*11:20+DRB1*13:82		
DRB1*11:19:01+DRB1*13:02:02	DRB1*11:19:02+DRB1*13:02:01		
DRB1*11:19:01+DRB1*13:03:01G	DRB1*11:73+DRB1*13:12		
DRB1*11:19:01+DRB1*13:07:01	DRB1*11:37+DRB1*13:82		
DRB1*11:19:01+DRB1*13:09	DRB1*11:82+DRB1*13:06		
DRB1*11:19:01+DRB1*13:10	DRB1*11:73+DRB1*13:06		
DRB1*11:19:01+DRB1*13:13	DRB1*11:45+DRB1*13:12		
DRB1*11:19:01+DRB1*13:18	DRB1*11:23+DRB1*13:06	DRB1*11:45+DRB1*13:42	
DRB1*11:19:01+DRB1*13:44	DRB1*11:34+DRB1*13:82		
DRB1*11:19:01+DRB1*13:47	DRB1*11:45+DRB1*13:07:01		
DRB1*11:19:01+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:82		
DRB1*11:19:01+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:82		
DRB1*11:19:01+DRB1*13:53	DRB1*11:98+DRB1*13:85		
DRB1*11:19:01+DRB1*13:65	DRB1*11:20+DRB1*13:12		
DRB1*11:19:01+DRB1*13:66:01G	DRB1*11:73+DRB1*13:30		
DRB1*11:19:01+DRB1*13:70	DRB1*11:48+DRB1*13:82	DRB1*11:98+DRB1*13:37	
DRB1*11:19:01+DRB1*13:81	DRB1*11:73+DRB1*13:58		
DRB1*11:19:01+DRB1*14:08	DRB1*11:31+DRB1*14:23:02		
DRB1*11:19:01+DRB1*14:19	DRB1*11:26+DRB1*13:85	DRB1*11:73+DRB1*14:02	
DRB1*11:19:01+DRB1*14:21	DRB1*11:26+DRB1*13:10	DRB1*11:73+DRB1*14:17	DRB1*11:79+DRB1*13:06
DRB1*11:19:01+DRB1*14:55	DRB1*11:45+DRB1*14:32:02		
DRB1*11:19:01+DRB1*14:79	DRB1*11:31+DRB1*14:76		
DRB1*11:19:01+DRB1*14:89	DRB1*11:26+DRB1*14:67	DRB1*11:45+DRB1*14:02	
DRB1*11:19:01+DRB1*16:04	DRB1*11:45+DRB1*16:01:02		
DRB1*11:19:02+DRB1*13:20	DRB1*11:42+DRB1*13:02:02		
DRB1*11:19:02+DRB1*15:11	DRB1*11:82+DRB1*16:05:01		
DRB1*11:19:02+DRB1*15:31	DRB1*11:82+DRB1*16:10		
DRB1*11:19:02+DRB1*15:34	DRB1*11:26+DRB1*16:05:01		
DRB1*11:19:02+DRB1*16:04	DRB1*11:23+DRB1*16:05:01	DRB1*11:45+DRB1*16:01:01	
DRB1*11:20+DRB1*12:09	DRB1*12:04+DRB1*13:02:01		
DRB1*11:20+DRB1*13:03:01G	DRB1*11:73+DRB1*13:65		
DRB1*11:20+DRB1*13:07:02	DRB1*11:37+DRB1*13:02:03		
DRB1*11:20+DRB1*13:13	DRB1*11:45+DRB1*13:65		
DRB1*11:20+DRB1*13:37	DRB1*11:73+DRB1*13:36		
DRB1*11:20+DRB1*13:47	DRB1*11:23+DRB1*13:36		
DRB1*11:20+DRB1*13:50:01	DRB1*11:28:01+DRB1*13:02:01		
DRB1*11:20+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:02:01		
DRB1*11:20+DRB1*13:55	DRB1*11:23+DRB1*13:65		
DRB1*11:20+DRB1*16:02:01	DRB1*13:02:03+DRB1*16:16		
DRB1*11:21+DRB1*13:25	DRB1*11:57+DRB1*13:23		
DRB1*11:21+DRB1*13:56	DRB1*11:57+DRB1*13:02:01		
DRB1*11:21+DRB1*13:88	DRB1*11:68+DRB1*13:81		
DRB1*11:21+DRB1*14:74	DRB1*11:57+DRB1*14:16		
DRB1*11:21+DRB1*15:05	DRB1*11:36+DRB1*15:35		
DRB1*11:21+DRB1*15:07	DRB1*11:48+DRB1*15:35		
DRB1*11:21+DRB1*15:31	DRB1*11:68+DRB1*15:35		
DRB1*11:23+DRB1*11:31	DRB1*11:45+DRB1*11:96		
DRB1*11:23+DRB1*11:34	DRB1*11:25+DRB1*11:26		
DRB1*11:23+DRB1*11:35	DRB1*11:25+DRB1*11:33		
DRB1*11:23+DRB1*11:41	DRB1*11:37+DRB1*11:55		
DRB1*11:23+DRB1*11:43	DRB1*11:25+DRB1*11:39		
DRB1*11:23+DRB1*11:44	DRB1*11:25+DRB1*11:49		
DRB1*11:23+DRB1*11:48	DRB1*11:41+DRB1*11:45		
DRB1*11:23+DRB1*11:56	DRB1*11:25+DRB1*11:37		
DRB1*11:23+DRB1*11:58:01	DRB1*11:25+DRB1*11:28:02		
DRB1*11:23+DRB1*11:58:02	DRB1*11:25+DRB1*11:28:01		
DRB1*11:23+DRB1*11:59	DRB1*11:55+DRB1*11:87		
DRB1*11:23+DRB1*11:63	DRB1*11:29+DRB1*11:55		
DRB1*11:23+DRB1*11:73	DRB1*11:45+DRB1*11:93		
DRB1*11:23+DRB1*11:82	DRB1*11:45+DRB1*11:69		
DRB1*11:23+DRB1*11:84	DRB1*11:25+DRB1*11:27:01		
DRB1*11:23+DRB1*11:85	DRB1*11:49+DRB1*11:55		
DRB1*11:23+DRB1*11:92	DRB1*11:25+DRB1*11:72		
DRB1*11:23+DRB1*12:01:01G	DRB1*11:45+DRB1*12:02:01		
DRB1*11:23+DRB1*12:01:03	DRB1*11:45+DRB1*12:02:02		
DRB1*11:23+DRB1*12:05	DRB1*11:45+DRB1*12:15		
DRB1*11:23+DRB1*12:12	DRB1*11:64+DRB1*12:02:01		
DRB1*11:23+DRB1*13:01:05	DRB1*11:25+DRB1*13:02:03		
DRB1*11:23+DRB1*13:02:01	DRB1*11:45+DRB1*13:63		
DRB1*11:23+DRB1*13:03:01G	DRB1*11:73+DRB1*13:55	DRB1*11:93+DRB1*13:13	

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DRB1*11:23+DRB1*13:04	DRB1*11:45+DRB1*13:75	DRB1*11:55+DRB1*13:30	
DRB1*11:23+DRB1*13:09	DRB1*11:82+DRB1*13:18		
DRB1*11:23+DRB1*13:10	DRB1*11:73+DRB1*13:18		
DRB1*11:23+DRB1*13:11:01	DRB1*11:25+DRB1*13:14:01G		
DRB1*11:23+DRB1*13:11:02	DRB1*11:25+DRB1*13:14:02		
DRB1*11:23+DRB1*13:13	DRB1*11:45+DRB1*13:55		
DRB1*11:23+DRB1*13:20	DRB1*11:25+DRB1*13:29	DRB1*11:55+DRB1*13:56	DRB1*11:68+DRB1*13:18
DRB1*11:23+DRB1*13:22	DRB1*11:25+DRB1*13:23	DRB1*11:45+DRB1*13:24	DRB1*11:55+DRB1*13:82
DRB1*11:23+DRB1*13:24	DRB1*11:55+DRB1*13:14:01G		
DRB1*11:23+DRB1*13:25	DRB1*11:64+DRB1*13:14:01G		
DRB1*11:23+DRB1*13:27	DRB1*11:25+DRB1*13:41		
DRB1*11:23+DRB1*13:29	DRB1*11:64+DRB1*13:63		
DRB1*11:23+DRB1*13:30	DRB1*11:45+DRB1*13:21:01G		
DRB1*11:23+DRB1*13:37	DRB1*11:73+DRB1*13:47		
DRB1*11:23+DRB1*13:52	DRB1*11:25+DRB1*13:97		
DRB1*11:23+DRB1*13:54	DRB1*11:55+DRB1*13:100		
DRB1*11:23+DRB1*13:56	DRB1*11:64+DRB1*13:05:01G		
DRB1*11:23+DRB1*13:75	DRB1*11:55+DRB1*13:21:01G		
DRB1*11:23+DRB1*13:79	DRB1*11:25+DRB1*13:39		
DRB1*11:23+DRB1*13:82	DRB1*11:45+DRB1*13:14:01G		
DRB1*11:23+DRB1*13:85	DRB1*11:73+DRB1*14:27	DRB1*11:93+DRB1*14:67	
DRB1*11:23+DRB1*13:89	DRB1*11:25+DRB1*13:03:01G		
DRB1*11:23+DRB1*13:94	DRB1*11:25+DRB1*13:33:01		
DRB1*11:23+DRB1*14:01:01G	DRB1*11:25+DRB1*14:07:01G		
DRB1*11:23+DRB1*14:03:01	DRB1*11:64+DRB1*14:27		
DRB1*11:23+DRB1*14:04	DRB1*11:25+DRB1*14:68	DRB1*11:67+DRB1*14:07:01G	
DRB1*11:23+DRB1*14:05:01	DRB1*11:25+DRB1*14:44:01		
DRB1*11:23+DRB1*14:05:03	DRB1*11:25+DRB1*14:44:02		
DRB1*11:23+DRB1*14:02:01G	DRB1*11:25+DRB1*14:03:01		
DRB1*11:23+DRB1*14:17	DRB1*11:25+DRB1*14:30	DRB1*11:26+DRB1*13:18	
DRB1*11:23+DRB1*14:19	DRB1*11:79+DRB1*14:27	DRB1*11:93+DRB1*14:89	
DRB1*11:23+DRB1*14:21	DRB1*11:79+DRB1*13:18		
DRB1*11:23+DRB1*14:23:01	DRB1*11:25+DRB1*14:14		
DRB1*11:23+DRB1*14:24	DRB1*11:69+DRB1*14:67	DRB1*11:82+DRB1*14:27	
DRB1*11:23+DRB1*14:47	DRB1*11:27:01+DRB1*14:89		
DRB1*11:23+DRB1*14:52	DRB1*11:67+DRB1*14:02		
DRB1*11:23+DRB1*14:67	DRB1*11:45+DRB1*14:27		
DRB1*11:23+DRB1*14:69	DRB1*11:64+DRB1*14:25		
DRB1*11:23+DRB1*14:78	DRB1*11:25+DRB1*14:63		
DRB1*11:23+DRB1*14:80	DRB1*11:25+DRB1*14:09		
DRB1*11:23+DRB1*15:01:01G	DRB1*11:25+DRB1*15:02:01	DRB1*11:45+DRB1*15:04	DRB1*11:69+DRB1*15:21
DRB1*11:23+DRB1*15:01:03	DRB1*11:25+DRB1*15:02:06		
DRB1*11:23+DRB1*15:01:04	DRB1*11:25+DRB1*15:02:02G		
DRB1*11:23+DRB1*15:01:09	DRB1*11:25+DRB1*15:02:04		
DRB1*11:23+DRB1*15:01:10	DRB1*11:25+DRB1*15:02:08		
DRB1*11:23+DRB1*15:02:01	DRB1*11:45+DRB1*15:15		
DRB1*11:23+DRB1*15:04	DRB1*11:25+DRB1*15:15		
DRB1*11:23+DRB1*15:05	DRB1*11:25+DRB1*15:31	DRB1*11:64+DRB1*15:04	
DRB1*11:23+DRB1*15:07	DRB1*11:25+DRB1*15:11		
DRB1*11:23+DRB1*15:11	DRB1*11:82+DRB1*16:04		
DRB1*11:23+DRB1*15:31	DRB1*11:64+DRB1*15:15		
DRB1*11:23+DRB1*15:34	DRB1*11:26+DRB1*16:04		
DRB1*11:23+DRB1*16:02:01	DRB1*11:64+DRB1*16:01:01		
DRB1*11:23+DRB1*16:10	DRB1*11:64+DRB1*16:09		
DRB1*11:23+DRB1*16:15	DRB1*11:25+DRB1*16:01:01		
DRB1*11:24+DRB1*13:01:01G	DRB1*11:28:01+DRB1*13:68		
DRB1*11:25+DRB1*11:36	DRB1*11:42+DRB1*11:55		
DRB1*11:25+DRB1*11:41	DRB1*11:55+DRB1*11:56		
DRB1*11:25+DRB1*11:85	DRB1*11:44+DRB1*11:55		
DRB1*11:25+DRB1*13:16	DRB1*11:86+DRB1*13:18		
DRB1*11:25+DRB1*13:20	DRB1*11:36+DRB1*13:18		
DRB1*11:25+DRB1*13:24	DRB1*11:55+DRB1*13:11:01		
DRB1*11:25+DRB1*13:25	DRB1*11:64+DRB1*13:11:01		
DRB1*11:25+DRB1*13:82	DRB1*11:45+DRB1*13:11:01		
DRB1*11:25+DRB1*14:01:01G	DRB1*11:54:02+DRB1*14:55		
DRB1*11:25+DRB1*14:04	DRB1*11:67+DRB1*14:01:01G		
DRB1*11:25+DRB1*14:17	DRB1*11:34+DRB1*13:18		
DRB1*11:25+DRB1*14:28	DRB1*11:67+DRB1*14:99		
DRB1*11:25+DRB1*14:31	DRB1*11:67+DRB1*14:32:02		
DRB1*11:25+DRB1*14:47	DRB1*11:84+DRB1*14:89		
DRB1*11:25+DRB1*14:50	DRB1*11:67+DRB1*14:38		
DRB1*11:25+DRB1*14:51	DRB1*11:54:02+DRB1*14:89		
DRB1*11:25+DRB1*14:52	DRB1*11:67+DRB1*14:06:01G		
DRB1*11:25+DRB1*15:34	DRB1*11:34+DRB1*16:04		
DRB1*11:25+DRB1*16:02:01	DRB1*11:64+DRB1*16:15		
DRB1*11:25+DRB1*16:02:02	DRB1*11:42+DRB1*16:04		
DRB1*11:25+DRB1*16:05:01	DRB1*11:45+DRB1*16:15		
DRB1*11:26+DRB1*11:35	DRB1*11:33+DRB1*11:34		
DRB1*11:26+DRB1*11:36	DRB1*11:34+DRB1*11:68		
DRB1*11:26+DRB1*11:43	DRB1*11:34+DRB1*11:39		
DRB1*11:26+DRB1*11:44	DRB1*11:34+DRB1*11:49		
DRB1*11:26+DRB1*11:56	DRB1*11:34+DRB1*11:37		
DRB1*11:26+DRB1*11:58:01	DRB1*11:28:02+DRB1*11:34		
DRB1*11:26+DRB1*11:58:02	DRB1*11:28:01+DRB1*11:34		
DRB1*11:26+DRB1*11:84	DRB1*11:27:01+DRB1*11:34		
DRB1*11:26+DRB1*11:92	DRB1*11:34+DRB1*11:72		
DRB1*11:26+DRB1*13:01:05	DRB1*11:34+DRB1*13:02:03		
DRB1*11:26+DRB1*13:03:01G	DRB1*11:79+DRB1*13:12		
DRB1*11:26+DRB1*13:09	DRB1*11:82+DRB1*14:17		
DRB1*11:26+DRB1*13:11:02	DRB1*11:34+DRB1*13:14:02		
DRB1*11:26+DRB1*13:16	DRB1*11:86+DRB1*14:30		
DRB1*11:26+DRB1*13:20	DRB1*11:34+DRB1*13:29	DRB1*11:36+DRB1*14:30	DRB1*11:68+DRB1*14:17
DRB1*11:26+DRB1*13:27	DRB1*11:34+DRB1*13:41		
DRB1*11:26+DRB1*13:29	DRB1*11:68+DRB1*14:30		
DRB1*11:26+DRB1*13:32	DRB1*11:34+DRB1*13:65		
DRB1*11:26+DRB1*13:48	DRB1*11:34+DRB1*13:38		
DRB1*11:26+DRB1*13:52	DRB1*11:34+DRB1*13:97		
DRB1*11:26+DRB1*13:66:01G	DRB1*11:79+DRB1*13:30		
DRB1*11:26+DRB1*13:79	DRB1*11:34+DRB1*13:39		
DRB1*11:26+DRB1*13:81	DRB1*11:79+DRB1*13:58		
DRB1*11:26+DRB1*13:89	DRB1*11:34+DRB1*13:03:01G		
DRB1*11:26+DRB1*13:94	DRB1*11:34+DRB1*13:33:01		
DRB1*11:26+DRB1*14:01:01G	DRB1*11:34+DRB1*14:07:01G		
DRB1*11:26+DRB1*14:04	DRB1*11:34+DRB1*14:68		
DRB1*11:26+DRB1*14:05:01	DRB1*11:34+DRB1*14:44:01		

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DRB1*11:26+DRB1*14:05:03	DRB1*11:34+DRB1*14:44:02		
DRB1*11:26+DRB1*14:06:01G	DRB1*11:34+DRB1*14:02		
DRB1*11:26+DRB1*14:02:01G	DRB1*11:34+DRB1*14:03:01	DRB1*11:42+DRB1*14:89	DRB1*11:64+DRB1*14:06:01G
DRB1*11:26+DRB1*14:17	DRB1*11:34+DRB1*14:30		
DRB1*11:26+DRB1*14:19	DRB1*11:79+DRB1*14:02		
DRB1*11:26+DRB1*14:21	DRB1*11:79+DRB1*14:17		
DRB1*11:26+DRB1*14:23:01	DRB1*11:34+DRB1*14:14		
DRB1*11:26+DRB1*14:24	DRB1*11:82+DRB1*14:02		
DRB1*11:26+DRB1*14:63	DRB1*11:45+DRB1*14:13		
DRB1*11:26+DRB1*14:77	DRB1*11:64+DRB1*14:41		
DRB1*11:26+DRB1*14:78	DRB1*11:34+DRB1*14:63		
DRB1*11:26+DRB1*14:80	DRB1*11:34+DRB1*14:09		
DRB1*11:26+DRB1*14:85	DRB1*11:64+DRB1*14:13		
DRB1*11:26+DRB1*14:98	DRB1*11:64+DRB1*14:47		
DRB1*11:26+DRB1*15:01:01G	DRB1*11:34+DRB1*15:02:01		
DRB1*11:26+DRB1*15:01:03	DRB1*11:34+DRB1*15:02:06		
DRB1*11:26+DRB1*15:01:04	DRB1*11:34+DRB1*15:02:02G		
DRB1*11:26+DRB1*15:01:09	DRB1*11:34+DRB1*15:02:04		
DRB1*11:26+DRB1*15:01:10	DRB1*11:34+DRB1*15:02:08		
DRB1*11:26+DRB1*15:02:01	DRB1*11:82+DRB1*15:27		
DRB1*11:26+DRB1*15:04	DRB1*11:34+DRB1*15:15		
DRB1*11:26+DRB1*15:05	DRB1*11:34+DRB1*15:31		
DRB1*11:26+DRB1*15:07	DRB1*11:34+DRB1*15:11		
DRB1*11:26+DRB1*15:11	DRB1*11:82+DRB1*15:34		
DRB1*11:26+DRB1*15:15	DRB1*11:69+DRB1*15:27		
DRB1*11:26+DRB1*16:15	DRB1*11:34+DRB1*16:01:01		
DRB1*11:27:01+DRB1*11:35	DRB1*11:33+DRB1*11:84		
DRB1*11:27:01+DRB1*11:36	DRB1*11:68+DRB1*11:84		
DRB1*11:27:01+DRB1*11:43	DRB1*11:39+DRB1*11:84		
DRB1*11:27:01+DRB1*11:44	DRB1*11:49+DRB1*11:84		
DRB1*11:27:01+DRB1*11:56	DRB1*11:37+DRB1*11:84		
DRB1*11:27:01+DRB1*11:58:01	DRB1*11:28:02+DRB1*11:84		
DRB1*11:27:01+DRB1*11:58:02	DRB1*11:28:01+DRB1*11:84		
DRB1*11:27:01+DRB1*11:92	DRB1*11:72+DRB1*11:84		
DRB1*11:27:01+DRB1*13:01:05	DRB1*11:84+DRB1*13:02:03		
DRB1*11:27:01+DRB1*13:11:01	DRB1*11:84+DRB1*13:14:01G		
DRB1*11:27:01+DRB1*13:11:02	DRB1*11:84+DRB1*13:14:02		
DRB1*11:27:01+DRB1*13:20	DRB1*11:84+DRB1*13:29		
DRB1*11:27:01+DRB1*13:22	DRB1*11:84+DRB1*13:23		
DRB1*11:27:01+DRB1*13:27	DRB1*11:84+DRB1*13:41		
DRB1*11:27:01+DRB1*13:32	DRB1*11:84+DRB1*13:65		
DRB1*11:27:01+DRB1*13:33:01	DRB1*11:27:02+DRB1*13:33:02G		
DRB1*11:27:01+DRB1*13:40	DRB1*11:37+DRB1*13:61	DRB1*11:84+DRB1*13:36	
DRB1*11:27:01+DRB1*13:42	DRB1*11:84+DRB1*13:05:01G		
DRB1*11:27:01+DRB1*13:48	DRB1*11:84+DRB1*13:38		
DRB1*11:27:01+DRB1*13:52	DRB1*11:84+DRB1*13:97		
DRB1*11:27:01+DRB1*13:79	DRB1*11:84+DRB1*13:39		
DRB1*11:27:01+DRB1*13:94	DRB1*11:84+DRB1*13:33:01		
DRB1*11:27:01+DRB1*14:05:01	DRB1*11:84+DRB1*14:44:01		
DRB1*11:27:01+DRB1*14:05:03	DRB1*11:84+DRB1*14:44:02		
DRB1*11:27:01+DRB1*14:17	DRB1*11:84+DRB1*14:30		
DRB1*11:27:01+DRB1*14:19	DRB1*11:93+DRB1*14:47		
DRB1*11:27:01+DRB1*14:23:01	DRB1*11:84+DRB1*14:14		
DRB1*11:27:01+DRB1*14:78	DRB1*11:84+DRB1*14:63		
DRB1*11:27:01+DRB1*14:80	DRB1*11:84+DRB1*14:09		
DRB1*11:27:01+DRB1*15:01:01G	DRB1*11:84+DRB1*15:02:01		
DRB1*11:27:01+DRB1*15:01:03	DRB1*11:84+DRB1*15:02:06		
DRB1*11:27:01+DRB1*15:01:04	DRB1*11:84+DRB1*15:02:02G		
DRB1*11:27:01+DRB1*15:01:09	DRB1*11:84+DRB1*15:02:04		
DRB1*11:27:01+DRB1*15:01:10	DRB1*11:84+DRB1*15:02:08		
DRB1*11:27:01+DRB1*15:04	DRB1*11:84+DRB1*15:15		
DRB1*11:27:01+DRB1*15:05	DRB1*11:84+DRB1*15:31		
DRB1*11:27:01+DRB1*15:07	DRB1*11:84+DRB1*15:11		
DRB1*11:27:01+DRB1*16:15	DRB1*11:84+DRB1*16:01:01		
DRB1*11:27:02+DRB1*13:36	DRB1*11:37+DRB1*13:96		
DRB1*11:27:02+DRB1*13:40	DRB1*11:56+DRB1*13:96		
DRB1*11:27:02+DRB1*13:61	DRB1*11:84+DRB1*13:96		
DRB1*11:27:02+DRB1*13:67	DRB1*11:30+DRB1*13:96		
DRB1*11:27:02+DRB1*14:50	DRB1*11:84+DRB1*14:93		
DRB1*11:27:02+DRB1*15:07	DRB1*11:37+DRB1*15:37		
DRB1*11:27:02+DRB1*15:32	DRB1*11:28:01+DRB1*15:37		
DRB1*11:27:02+DRB1*15:51	DRB1*11:90+DRB1*15:37		
DRB1*11:28:01+DRB1*11:35	DRB1*11:33+DRB1*11:58:02		
DRB1*11:28:01+DRB1*11:36	DRB1*11:58:02+DRB1*11:68		
DRB1*11:28:01+DRB1*11:43	DRB1*11:39+DRB1*11:58:02		
DRB1*11:28:01+DRB1*11:44	DRB1*11:49+DRB1*11:58:02		
DRB1*11:28:01+DRB1*11:56	DRB1*11:37+DRB1*11:58:02		
DRB1*11:28:01+DRB1*11:58:01	DRB1*11:28:02+DRB1*11:58:02		
DRB1*11:28:01+DRB1*11:92	DRB1*11:58:02+DRB1*11:72		
DRB1*11:28:01+DRB1*12:09	DRB1*12:04+DRB1*13:50:01		
DRB1*11:28:01+DRB1*13:01:05	DRB1*11:58:02+DRB1*13:02:03		
DRB1*11:28:01+DRB1*13:07:01	DRB1*11:37+DRB1*13:50:01		
DRB1*11:28:01+DRB1*13:11:02	DRB1*11:58:02+DRB1*13:14:02		
DRB1*11:28:01+DRB1*13:20	DRB1*11:58:02+DRB1*13:29		
DRB1*11:28:01+DRB1*13:27	DRB1*11:58:02+DRB1*13:41		
DRB1*11:28:01+DRB1*13:32	DRB1*11:58:02+DRB1*13:65		
DRB1*11:28:01+DRB1*13:40	DRB1*11:58:02+DRB1*13:36		
DRB1*11:28:01+DRB1*13:42	DRB1*11:58:02+DRB1*13:05:01G		
DRB1*11:28:01+DRB1*13:44	DRB1*11:34+DRB1*13:50:01		
DRB1*11:28:01+DRB1*13:48	DRB1*11:58:02+DRB1*13:38		
DRB1*11:28:01+DRB1*13:50:02	DRB1*11:28:02+DRB1*13:50:01		
DRB1*11:28:01+DRB1*13:70	DRB1*11:48+DRB1*13:50:01		
DRB1*11:28:01+DRB1*13:79	DRB1*11:58:02+DRB1*13:39		
DRB1*11:28:01+DRB1*13:84	DRB1*11:29+DRB1*13:40		
DRB1*11:28:01+DRB1*13:89	DRB1*11:58:02+DRB1*13:03:01G		
DRB1*11:28:01+DRB1*13:94	DRB1*11:58:02+DRB1*13:33:01		
DRB1*11:28:01+DRB1*14:01:01G	DRB1*11:58:02+DRB1*14:07:01G		
DRB1*11:28:01+DRB1*14:04	DRB1*11:58:02+DRB1*14:68		
DRB1*11:28:01+DRB1*14:05:01	DRB1*11:58:02+DRB1*14:44:01		
DRB1*11:28:01+DRB1*14:05:03	DRB1*11:58:02+DRB1*14:44:02		
DRB1*11:28:01+DRB1*14:06:01G	DRB1*11:58:02+DRB1*14:02		
DRB1*11:28:01+DRB1*14:02:01G	DRB1*11:58:02+DRB1*14:03:01		
DRB1*11:28:01+DRB1*14:17	DRB1*11:58:02+DRB1*14:30		
DRB1*11:28:01+DRB1*14:78	DRB1*11:58:02+DRB1*14:63		
DRB1*11:28:01+DRB1*14:80	DRB1*11:58:02+DRB1*14:09		

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DRB1*11:28:01+DRB1*14:94	DRB1*11:29+DRB1*14:02	
DRB1*11:28:01+DRB1*15:01:04	DRB1*11:58:02+DRB1*15:02:02G	
DRB1*11:28:01+DRB1*15:01:09	DRB1*11:58:02+DRB1*15:02:04	
DRB1*11:28:01+DRB1*15:01:10	DRB1*11:58:02+DRB1*15:02:08	
DRB1*11:28:01+DRB1*15:04	DRB1*11:58:02+DRB1*15:15	
DRB1*11:28:01+DRB1*15:05	DRB1*11:58:02+DRB1*15:31	
DRB1*11:28:01+DRB1*15:07	DRB1*11:37+DRB1*15:32	DRB1*11:58:02+DRB1*15:11
DRB1*11:28:01+DRB1*15:51	DRB1*11:90+DRB1*15:32	
DRB1*11:28:01+DRB1*16:01:01	DRB1*11:29+DRB1*16:08	
DRB1*11:28:01+DRB1*16:15	DRB1*11:58:02+DRB1*16:01:01	
DRB1*11:28:02+DRB1*11:35	DRB1*11:33+DRB1*11:58:01	
DRB1*11:28:02+DRB1*11:36	DRB1*11:58:01+DRB1*11:68	
DRB1*11:28:02+DRB1*11:43	DRB1*11:39+DRB1*11:58:01	
DRB1*11:28:02+DRB1*11:44	DRB1*11:49+DRB1*11:58:01	
DRB1*11:28:02+DRB1*11:56	DRB1*11:37+DRB1*11:58:01	
DRB1*11:28:02+DRB1*11:92	DRB1*11:58:01+DRB1*11:72	
DRB1*11:28:02+DRB1*12:09	DRB1*12:04+DRB1*13:50:02	
DRB1*11:28:02+DRB1*13:01:05	DRB1*11:58:01+DRB1*13:02:03	
DRB1*11:28:02+DRB1*13:07:01	DRB1*11:37+DRB1*13:50:02	
DRB1*11:28:02+DRB1*13:11:02	DRB1*11:58:01+DRB1*13:14:02	
DRB1*11:28:02+DRB1*13:20	DRB1*11:58:01+DRB1*13:29	
DRB1*11:28:02+DRB1*13:27	DRB1*11:58:01+DRB1*13:41	DRB1*11:87+DRB1*13:69
DRB1*11:28:02+DRB1*13:32	DRB1*11:58:01+DRB1*13:65	
DRB1*11:28:02+DRB1*13:40	DRB1*11:58:01+DRB1*13:36	
DRB1*11:28:02+DRB1*13:42	DRB1*11:58:01+DRB1*13:05:01G	
DRB1*11:28:02+DRB1*13:44	DRB1*11:34+DRB1*13:50:02	
DRB1*11:28:02+DRB1*13:48	DRB1*11:58:01+DRB1*13:38	
DRB1*11:28:02+DRB1*13:70	DRB1*11:37+DRB1*13:69	DRB1*11:48+DRB1*13:50:02
DRB1*11:28:02+DRB1*13:79	DRB1*11:58:01+DRB1*13:39	
DRB1*11:28:02+DRB1*13:89	DRB1*11:58:01+DRB1*13:03:01G	
DRB1*11:28:02+DRB1*13:94	DRB1*11:58:01+DRB1*13:33:01	
DRB1*11:28:02+DRB1*14:01:01G	DRB1*11:58:01+DRB1*14:07:01G	
DRB1*11:28:02+DRB1*14:04	DRB1*11:58:01+DRB1*14:68	
DRB1*11:28:02+DRB1*14:05:01	DRB1*11:58:01+DRB1*14:44:01	
DRB1*11:28:02+DRB1*14:05:03	DRB1*11:58:01+DRB1*14:44:02	
DRB1*11:28:02+DRB1*14:06:01G	DRB1*11:58:01+DRB1*14:02	
DRB1*11:28:02+DRB1*14:02:01G	DRB1*11:58:01+DRB1*14:03:01	
DRB1*11:28:02+DRB1*14:17	DRB1*11:58:01+DRB1*14:30	
DRB1*11:28:02+DRB1*14:78	DRB1*11:58:01+DRB1*14:63	
DRB1*11:28:02+DRB1*14:80	DRB1*11:58:01+DRB1*14:09	
DRB1*11:28:02+DRB1*15:01:03	DRB1*11:58:01+DRB1*15:02:06	
DRB1*11:28:02+DRB1*15:01:04	DRB1*11:58:01+DRB1*15:02:02G	
DRB1*11:28:02+DRB1*15:01:09	DRB1*11:58:01+DRB1*15:02:04	
DRB1*11:28:02+DRB1*15:01:10	DRB1*11:58:01+DRB1*15:02:08	
DRB1*11:28:02+DRB1*15:04	DRB1*11:58:01+DRB1*15:15	
DRB1*11:28:02+DRB1*15:05	DRB1*11:58:01+DRB1*15:31	
DRB1*11:28:02+DRB1*15:07	DRB1*11:58:01+DRB1*15:11	
DRB1*11:28:02+DRB1*16:15	DRB1*11:58:01+DRB1*16:01:01	
DRB1*11:29+DRB1*11:41	DRB1*11:37+DRB1*11:63	
DRB1*11:29+DRB1*11:59	DRB1*11:63+DRB1*11:87	
DRB1*11:29+DRB1*11:85	DRB1*11:49+DRB1*11:63	
DRB1*11:29+DRB1*13:04	DRB1*11:63+DRB1*13:30	
DRB1*11:29+DRB1*13:20	DRB1*11:63+DRB1*13:56	
DRB1*11:29+DRB1*13:22	DRB1*11:63+DRB1*13:82	
DRB1*11:29+DRB1*13:24	DRB1*11:63+DRB1*13:14:01G	
DRB1*11:29+DRB1*13:48	DRB1*11:63+DRB1*13:12	
DRB1*11:29+DRB1*13:54	DRB1*11:63+DRB1*13:100	
DRB1*11:29+DRB1*13:58	DRB1*11:47+DRB1*13:12	
DRB1*11:29+DRB1*13:75	DRB1*11:63+DRB1*13:21:01G	
DRB1*11:29+DRB1*13:81	DRB1*11:47+DRB1*13:03:01G	
DRB1*11:29+DRB1*14:06:01G	DRB1*11:58:02+DRB1*14:94	
DRB1*11:29+DRB1*14:28	DRB1*11:47+DRB1*14:68	
DRB1*11:29+DRB1*14:29	DRB1*11:47+DRB1*14:02	
DRB1*11:29+DRB1*14:99	DRB1*11:47+DRB1*14:07:01G	
DRB1*11:29+DRB1*15:35	DRB1*11:47+DRB1*15:02:01	
DRB1*11:30+DRB1*13:36	DRB1*11:37+DRB1*13:67	
DRB1*11:30+DRB1*13:40	DRB1*11:56+DRB1*13:67	
DRB1*11:30+DRB1*13:61	DRB1*11:84+DRB1*13:67	
DRB1*11:31+DRB1*11:41	DRB1*11:48+DRB1*11:96	
DRB1*11:31+DRB1*11:69	DRB1*11:82+DRB1*11:96	
DRB1*11:31+DRB1*11:93	DRB1*11:73+DRB1*11:96	
DRB1*11:31+DRB1*12:02:01	DRB1*11:96+DRB1*12:01:01G	
DRB1*11:31+DRB1*12:02:02	DRB1*11:96+DRB1*12:01:03	
DRB1*11:31+DRB1*12:15	DRB1*11:96+DRB1*12:05	
DRB1*11:31+DRB1*13:14:01G	DRB1*11:96+DRB1*13:82	
DRB1*11:31+DRB1*13:21:01G	DRB1*11:96+DRB1*13:30	
DRB1*11:31+DRB1*13:24	DRB1*11:96+DRB1*13:22	
DRB1*11:31+DRB1*13:42	DRB1*11:96+DRB1*13:06	
DRB1*11:31+DRB1*13:49	DRB1*11:96+DRB1*13:12	
DRB1*11:31+DRB1*13:55	DRB1*11:96+DRB1*13:13	
DRB1*11:31+DRB1*13:63	DRB1*11:96+DRB1*13:02:01	
DRB1*11:31+DRB1*13:75	DRB1*11:96+DRB1*13:04	
DRB1*11:31+DRB1*14:23:01	DRB1*11:52+DRB1*13:82	
DRB1*11:31+DRB1*14:27	DRB1*11:96+DRB1*14:67	
DRB1*11:31+DRB1*15:04	DRB1*11:96+DRB1*15:01:01G	
DRB1*11:31+DRB1*15:15	DRB1*11:96+DRB1*15:02:01	
DRB1*11:31+DRB1*16:01:01	DRB1*11:96+DRB1*16:05:01	
DRB1*11:32+DRB1*11:48	DRB1*11:37+DRB1*11:70	
DRB1*11:32+DRB1*11:65:01G	DRB1*11:33+DRB1*11:70	
DRB1*11:32+DRB1*13:01:01G	DRB1*11:70+DRB1*13:05:01G	
DRB1*11:32+DRB1*13:04	DRB1*11:70+DRB1*13:21:01G	
DRB1*11:32+DRB1*13:22	DRB1*11:70+DRB1*13:14:01G	
DRB1*11:32+DRB1*13:48	DRB1*11:70+DRB1*13:49	
DRB1*11:32+DRB1*13:69	DRB1*11:70+DRB1*13:50:02	
DRB1*11:32+DRB1*13:70	DRB1*11:70+DRB1*13:07:01	
DRB1*11:32+DRB1*14:16	DRB1*11:70+DRB1*14:22	
DRB1*11:33+DRB1*11:36	DRB1*11:35+DRB1*11:68	
DRB1*11:33+DRB1*11:43	DRB1*11:35+DRB1*11:39	
DRB1*11:33+DRB1*11:44	DRB1*11:35+DRB1*11:49	
DRB1*11:33+DRB1*11:48	DRB1*11:37+DRB1*11:65:01G	
DRB1*11:33+DRB1*11:56	DRB1*11:35+DRB1*11:37	
DRB1*11:33+DRB1*11:92	DRB1*11:35+DRB1*11:72	
DRB1*11:33+DRB1*13:01:01G	DRB1*11:35+DRB1*13:02:01	DRB1*11:65:01G+DRB1*13:05:01G
DRB1*11:33+DRB1*13:01:05	DRB1*11:35+DRB1*13:02:03	
DRB1*11:33+DRB1*13:04	DRB1*11:65:01G+DRB1*13:21:01G	

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DRB1*11:33+DRB1*13:11:01	DRB1*11:35+DRB1*13:14:01G		
DRB1*11:33+DRB1*13:11:02	DRB1*11:35+DRB1*13:14:02		
DRB1*11:33+DRB1*13:20	DRB1*11:35+DRB1*13:29		
DRB1*11:33+DRB1*13:22	DRB1*11:35+DRB1*13:23	DRB1*11:65:01G+DRB1*13:14:01G	
DRB1*11:33+DRB1*13:27	DRB1*11:35+DRB1*13:41		
DRB1*11:33+DRB1*13:32	DRB1*11:35+DRB1*13:65		
DRB1*11:33+DRB1*13:40	DRB1*11:35+DRB1*13:36		
DRB1*11:33+DRB1*13:42	DRB1*11:35+DRB1*13:05:01G		
DRB1*11:33+DRB1*13:48	DRB1*11:35+DRB1*13:38	DRB1*11:65:01G+DRB1*13:49	
DRB1*11:33+DRB1*13:52	DRB1*11:35+DRB1*13:97		
DRB1*11:33+DRB1*13:69	DRB1*11:65:01G+DRB1*13:50:02		
DRB1*11:33+DRB1*13:70	DRB1*11:65:01G+DRB1*13:07:01		
DRB1*11:33+DRB1*13:79	DRB1*11:35+DRB1*13:39		
DRB1*11:33+DRB1*13:89	DRB1*11:35+DRB1*13:03:01G		
DRB1*11:33+DRB1*13:94	DRB1*11:35+DRB1*13:33:01		
DRB1*11:33+DRB1*14:01:01G	DRB1*11:35+DRB1*14:07:01G		
DRB1*11:33+DRB1*14:04	DRB1*11:35+DRB1*14:68		
DRB1*11:33+DRB1*14:05:01	DRB1*11:35+DRB1*14:44:01		
DRB1*11:33+DRB1*14:05:03	DRB1*11:35+DRB1*14:44:02		
DRB1*11:33+DRB1*14:06:01G	DRB1*11:35+DRB1*14:02		
DRB1*11:33+DRB1*14:02:01G	DRB1*11:35+DRB1*14:03:01		
DRB1*11:33+DRB1*14:16	DRB1*11:65:01G+DRB1*14:22		
DRB1*11:33+DRB1*14:17	DRB1*11:35+DRB1*14:30		
DRB1*11:33+DRB1*14:23:01	DRB1*11:35+DRB1*14:14		
DRB1*11:33+DRB1*14:78	DRB1*11:35+DRB1*14:63		
DRB1*11:33+DRB1*14:80	DRB1*11:35+DRB1*14:09		
DRB1*11:33+DRB1*15:01:01G	DRB1*11:35+DRB1*15:02:01		
DRB1*11:33+DRB1*15:01:03	DRB1*11:35+DRB1*15:02:06		
DRB1*11:33+DRB1*15:01:04	DRB1*11:35+DRB1*15:02:02G		
DRB1*11:33+DRB1*15:01:09	DRB1*11:35+DRB1*15:02:04		
DRB1*11:33+DRB1*15:01:10	DRB1*11:35+DRB1*15:02:08		
DRB1*11:33+DRB1*15:04	DRB1*11:35+DRB1*15:15		
DRB1*11:33+DRB1*15:05	DRB1*11:35+DRB1*15:31		
DRB1*11:33+DRB1*15:07	DRB1*11:35+DRB1*15:11		
DRB1*11:33+DRB1*16:15	DRB1*11:35+DRB1*16:01:01		
DRB1*11:34+DRB1*12:09	DRB1*12:04+DRB1*13:44		
DRB1*11:34+DRB1*13:07:01	DRB1*11:37+DRB1*13:44		
DRB1*11:34+DRB1*13:16	DRB1*11:86+DRB1*14:17		
DRB1*11:34+DRB1*13:20	DRB1*11:36+DRB1*14:17		
DRB1*11:34+DRB1*13:70	DRB1*11:48+DRB1*13:44		
DRB1*11:34+DRB1*14:19	DRB1*11:79+DRB1*14:06:01G		
DRB1*11:34+DRB1*14:24	DRB1*11:82+DRB1*14:06:01G		
DRB1*11:34+DRB1*14:40	DRB1*11:64+DRB1*14:20		
DRB1*11:34+DRB1*16:02:02	DRB1*11:42+DRB1*15:34		
DRB1*11:35+DRB1*11:48	DRB1*11:56+DRB1*11:65:01G		
DRB1*11:35+DRB1*13:01:01G	DRB1*11:65:01G+DRB1*13:42		
DRB1*11:35+DRB1*13:22	DRB1*11:65:01G+DRB1*13:11:01		
DRB1*11:35+DRB1*13:45	DRB1*11:65:01G+DRB1*14:53		
DRB1*11:36+DRB1*11:39	DRB1*11:43+DRB1*11:68		
DRB1*11:36+DRB1*11:44	DRB1*11:42+DRB1*11:85		
DRB1*11:36+DRB1*11:47	DRB1*11:57+DRB1*11:63		
DRB1*11:36+DRB1*11:56	DRB1*11:41+DRB1*11:42		
DRB1*11:36+DRB1*11:72	DRB1*11:68+DRB1*11:92		
DRB1*11:36+DRB1*12:21	DRB1*11:41+DRB1*12:12		
DRB1*11:36+DRB1*13:02:03	DRB1*11:68+DRB1*13:01:05		
DRB1*11:36+DRB1*13:07:01	DRB1*11:41+DRB1*13:25		
DRB1*11:36+DRB1*13:11:01	DRB1*11:42+DRB1*13:24		
DRB1*11:36+DRB1*13:13	DRB1*11:64+DRB1*13:48		
DRB1*11:36+DRB1*13:14:02	DRB1*11:68+DRB1*13:11:02		
DRB1*11:36+DRB1*13:16	DRB1*11:86+DRB1*13:20		
DRB1*11:36+DRB1*13:23	DRB1*11:68+DRB1*13:22		
DRB1*11:36+DRB1*13:29	DRB1*11:68+DRB1*13:20		
DRB1*11:36+DRB1*13:33:01	DRB1*11:68+DRB1*13:94		
DRB1*11:36+DRB1*13:36	DRB1*11:48+DRB1*13:29	DRB1*11:68+DRB1*13:40	
DRB1*11:36+DRB1*13:38	DRB1*11:68+DRB1*13:48		
DRB1*11:36+DRB1*13:40	DRB1*11:48+DRB1*13:20		
DRB1*11:36+DRB1*13:58	DRB1*11:57+DRB1*13:48		
DRB1*11:36+DRB1*13:65	DRB1*11:68+DRB1*13:32		
DRB1*11:36+DRB1*13:97	DRB1*11:68+DRB1*13:52		
DRB1*11:36+DRB1*14:02	DRB1*11:68+DRB1*14:06:01G		
DRB1*11:36+DRB1*14:03:01	DRB1*11:68+DRB1*14:02:01G		
DRB1*11:36+DRB1*14:07:01G	DRB1*11:68+DRB1*14:01:01G		
DRB1*11:36+DRB1*14:09	DRB1*11:68+DRB1*14:80		
DRB1*11:36+DRB1*14:14	DRB1*11:68+DRB1*14:23:01		
DRB1*11:36+DRB1*14:44:01	DRB1*11:68+DRB1*14:05:01		
DRB1*11:36+DRB1*14:44:02	DRB1*11:68+DRB1*14:05:03		
DRB1*11:36+DRB1*14:68	DRB1*11:68+DRB1*14:04		
DRB1*11:36+DRB1*15:02:02G	DRB1*11:68+DRB1*15:01:04		
DRB1*11:36+DRB1*15:02:04	DRB1*11:68+DRB1*15:01:09		
DRB1*11:36+DRB1*15:02:06	DRB1*11:68+DRB1*15:01:03		
DRB1*11:36+DRB1*15:02:08	DRB1*11:68+DRB1*15:01:10		
DRB1*11:36+DRB1*15:07	DRB1*11:48+DRB1*15:05		
DRB1*11:36+DRB1*15:11	DRB1*11:48+DRB1*15:31	DRB1*11:68+DRB1*15:07	
DRB1*11:36+DRB1*15:31	DRB1*11:68+DRB1*15:05		
DRB1*11:36+DRB1*16:04	DRB1*11:55+DRB1*16:02:02		
DRB1*11:37+DRB1*11:43	DRB1*11:39+DRB1*11:56		
DRB1*11:37+DRB1*11:44	DRB1*11:49+DRB1*11:56		
DRB1*11:37+DRB1*11:85	DRB1*11:41+DRB1*11:49		
DRB1*11:37+DRB1*11:92	DRB1*11:56+DRB1*11:72		
DRB1*11:37+DRB1*12:09	DRB1*12:04+DRB1*13:07:01		
DRB1*11:37+DRB1*13:20	DRB1*11:41+DRB1*13:56	DRB1*11:56+DRB1*13:29	
DRB1*11:37+DRB1*13:27	DRB1*11:56+DRB1*13:41	DRB1*11:83+DRB1*13:23	DRB1*11:87+DRB1*13:70
DRB1*11:37+DRB1*13:32	DRB1*11:56+DRB1*13:65		
DRB1*11:37+DRB1*13:40	DRB1*11:56+DRB1*13:36		
DRB1*11:37+DRB1*13:42	DRB1*11:56+DRB1*13:05:01G		
DRB1*11:37+DRB1*13:43	DRB1*11:40+DRB1*14:69		
DRB1*11:37+DRB1*13:48	DRB1*11:41+DRB1*13:12	DRB1*11:48+DRB1*13:49	DRB1*11:56+DRB1*13:38
DRB1*11:37+DRB1*13:52	DRB1*11:56+DRB1*13:97		
DRB1*11:37+DRB1*13:54	DRB1*11:41+DRB1*13:100		
DRB1*11:37+DRB1*13:70	DRB1*11:48+DRB1*13:07:01		
DRB1*11:37+DRB1*13:79	DRB1*11:56+DRB1*13:39		
DRB1*11:37+DRB1*13:89	DRB1*11:56+DRB1*13:03:01G		
DRB1*11:37+DRB1*13:94	DRB1*11:56+DRB1*13:33:01		
DRB1*11:37+DRB1*14:05:01	DRB1*11:56+DRB1*14:44:01		
DRB1*11:37+DRB1*14:05:03	DRB1*11:56+DRB1*14:44:02		

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DRB1*11:37+DRB1*14:06:01G	DRB1*11:56+DRB1*14:02	
DRB1*11:37+DRB1*14:02:01G	DRB1*11:56+DRB1*14:03:01	
DRB1*11:37+DRB1*14:16	DRB1*11:48+DRB1*14:22	
DRB1*11:37+DRB1*14:21	DRB1*11:93+DRB1*14:80	
DRB1*11:37+DRB1*14:33	DRB1*11:54:02+DRB1*14:09	
DRB1*11:37+DRB1*14:72	DRB1*11:52+DRB1*13:14:01G	DRB1*11:96+DRB1*14:23:01
DRB1*11:37+DRB1*14:78	DRB1*11:56+DRB1*14:63	
DRB1*11:37+DRB1*14:80	DRB1*11:56+DRB1*14:09	
DRB1*11:37+DRB1*14:95	DRB1*11:83+DRB1*14:42	
DRB1*11:37+DRB1*15:01:04	DRB1*11:56+DRB1*15:02:02G	
DRB1*11:37+DRB1*15:01:09	DRB1*11:56+DRB1*15:02:04	
DRB1*11:37+DRB1*15:01:10	DRB1*11:56+DRB1*15:02:08	
DRB1*11:37+DRB1*15:04	DRB1*11:56+DRB1*15:15	
DRB1*11:37+DRB1*15:05	DRB1*11:56+DRB1*15:31	
DRB1*11:37+DRB1*15:07	DRB1*11:56+DRB1*15:11	
DRB1*11:37+DRB1*15:15	DRB1*11:69+DRB1*16:01:02	
DRB1*11:37+DRB1*15:31	DRB1*11:69+DRB1*16:02:02	
DRB1*11:37+DRB1*15:43	DRB1*11:78+DRB1*15:11	
DRB1*11:37+DRB1*15:47	DRB1*11:39+DRB1*15:11	
DRB1*11:37+DRB1*15:48	DRB1*11:88+DRB1*15:11	
DRB1*11:37+DRB1*15:51	DRB1*11:90+DRB1*15:07	
DRB1*11:37+DRB1*16:02:01	DRB1*13:07:02+DRB1*16:16	
DRB1*11:37+DRB1*16:15	DRB1*11:56+DRB1*16:01:01	
DRB1*11:39+DRB1*11:44	DRB1*11:43+DRB1*11:49	
DRB1*11:39+DRB1*11:92	DRB1*11:43+DRB1*11:72	
DRB1*11:39+DRB1*13:01:01G	DRB1*11:43+DRB1*13:02:01	
DRB1*11:39+DRB1*13:01:05	DRB1*11:43+DRB1*13:02:03	
DRB1*11:39+DRB1*13:11:01	DRB1*11:43+DRB1*13:14:01G	
DRB1*11:39+DRB1*13:11:02	DRB1*11:43+DRB1*13:14:02	
DRB1*11:39+DRB1*13:20	DRB1*11:43+DRB1*13:29	
DRB1*11:39+DRB1*13:22	DRB1*11:43+DRB1*13:23	
DRB1*11:39+DRB1*13:27	DRB1*11:43+DRB1*13:41	
DRB1*11:39+DRB1*13:32	DRB1*11:43+DRB1*13:65	
DRB1*11:39+DRB1*13:40	DRB1*11:43+DRB1*13:36	
DRB1*11:39+DRB1*13:42	DRB1*11:43+DRB1*13:05:01G	
DRB1*11:39+DRB1*13:48	DRB1*11:43+DRB1*13:38	
DRB1*11:39+DRB1*13:52	DRB1*11:43+DRB1*13:97	
DRB1*11:39+DRB1*13:79	DRB1*11:43+DRB1*13:39	
DRB1*11:39+DRB1*13:89	DRB1*11:43+DRB1*13:03:01G	
DRB1*11:39+DRB1*13:94	DRB1*11:43+DRB1*13:33:01	
DRB1*11:39+DRB1*14:04	DRB1*11:43+DRB1*14:68	
DRB1*11:39+DRB1*14:05:03	DRB1*11:43+DRB1*14:44:02	
DRB1*11:39+DRB1*14:06:01G	DRB1*11:43+DRB1*14:02	
DRB1*11:39+DRB1*14:02:01G	DRB1*11:43+DRB1*14:03:01	
DRB1*11:39+DRB1*14:17	DRB1*11:43+DRB1*14:30	
DRB1*11:39+DRB1*14:23:01	DRB1*11:43+DRB1*14:14	
DRB1*11:39+DRB1*14:78	DRB1*11:43+DRB1*14:63	
DRB1*11:39+DRB1*14:80	DRB1*11:43+DRB1*14:09	
DRB1*11:39+DRB1*14:88	DRB1*11:94+DRB1*14:86	
DRB1*11:39+DRB1*15:01:04	DRB1*11:43+DRB1*15:02:02G	
DRB1*11:39+DRB1*15:01:09	DRB1*11:43+DRB1*15:02:04	
DRB1*11:39+DRB1*15:01:10	DRB1*11:43+DRB1*15:02:08	
DRB1*11:39+DRB1*15:04	DRB1*11:43+DRB1*15:15	
DRB1*11:39+DRB1*15:05	DRB1*11:43+DRB1*15:31	
DRB1*11:39+DRB1*15:07	DRB1*11:43+DRB1*15:11	DRB1*11:56+DRB1*15:47
DRB1*11:39+DRB1*15:32	DRB1*11:58:02+DRB1*15:47	
DRB1*11:39+DRB1*15:43	DRB1*11:78+DRB1*15:47	
DRB1*11:39+DRB1*15:48	DRB1*11:88+DRB1*15:47	
DRB1*11:39+DRB1*16:15	DRB1*11:43+DRB1*16:01:01	
DRB1*11:40+DRB1*11:80	DRB1*11:59+DRB1*11:62	
DRB1*11:40+DRB1*13:03:01G	DRB1*11:93+DRB1*13:32	
DRB1*11:40+DRB1*13:07:01	DRB1*11:41+DRB1*13:05:01G	DRB1*11:56+DRB1*13:63
DRB1*11:40+DRB1*13:27	DRB1*11:59+DRB1*13:01:01G	
DRB1*11:40+DRB1*13:37	DRB1*11:93+DRB1*13:40	
DRB1*11:40+DRB1*13:41	DRB1*11:59+DRB1*13:02:01	
DRB1*11:40+DRB1*13:50:01	DRB1*11:58:02+DRB1*13:63	
DRB1*11:40+DRB1*13:50:02	DRB1*11:58:01+DRB1*13:63	
DRB1*11:40+DRB1*13:66:01G	DRB1*11:93+DRB1*13:93	
DRB1*11:40+DRB1*13:71	DRB1*11:59+DRB1*13:20	
DRB1*11:40+DRB1*14:82	DRB1*11:59+DRB1*14:01:01G	
DRB1*11:41+DRB1*11:44	DRB1*11:56+DRB1*11:85	
DRB1*11:41+DRB1*11:73	DRB1*11:48+DRB1*11:93	
DRB1*11:41+DRB1*11:82	DRB1*11:48+DRB1*11:69	
DRB1*11:41+DRB1*12:01:03	DRB1*11:48+DRB1*12:02:02	
DRB1*11:41+DRB1*12:05	DRB1*11:48+DRB1*12:15	
DRB1*11:41+DRB1*13:11:01	DRB1*11:56+DRB1*13:24	
DRB1*11:41+DRB1*13:13	DRB1*11:48+DRB1*13:55	
DRB1*11:41+DRB1*13:27	DRB1*11:59+DRB1*13:70	
DRB1*11:41+DRB1*13:34	DRB1*11:76+DRB1*13:36	
DRB1*11:41+DRB1*13:64	DRB1*11:76+DRB1*13:08	
DRB1*11:41+DRB1*14:67	DRB1*11:48+DRB1*14:27	
DRB1*11:41+DRB1*14:72	DRB1*11:52+DRB1*13:24	
DRB1*11:41+DRB1*16:05:01	DRB1*11:48+DRB1*16:01:01	
DRB1*11:42+DRB1*12:01:03	DRB1*11:57+DRB1*12:03:02	
DRB1*11:42+DRB1*12:21	DRB1*11:56+DRB1*12:12	
DRB1*11:42+DRB1*13:07:01	DRB1*11:56+DRB1*13:25	
DRB1*11:42+DRB1*13:50:01	DRB1*11:58:02+DRB1*13:25	
DRB1*11:42+DRB1*13:50:02	DRB1*11:58:01+DRB1*13:25	
DRB1*11:42+DRB1*13:81	DRB1*11:57+DRB1*13:89	
DRB1*11:42+DRB1*14:28	DRB1*11:57+DRB1*14:04	
DRB1*11:42+DRB1*14:29	DRB1*11:57+DRB1*14:06:01G	
DRB1*11:42+DRB1*14:99	DRB1*11:57+DRB1*14:01:01G	
DRB1*11:42+DRB1*15:35	DRB1*11:57+DRB1*15:01:01G	
DRB1*11:44+DRB1*11:72	DRB1*11:49+DRB1*11:92	
DRB1*11:44+DRB1*13:01:01G	DRB1*11:85+DRB1*13:06	
DRB1*11:44+DRB1*13:02:01	DRB1*11:49+DRB1*13:01:01G	
DRB1*11:44+DRB1*13:02:03	DRB1*11:49+DRB1*13:01:05	
DRB1*11:44+DRB1*13:03:01G	DRB1*11:49+DRB1*13:89	
DRB1*11:44+DRB1*13:05:01G	DRB1*11:49+DRB1*13:42	
DRB1*11:44+DRB1*13:14:01G	DRB1*11:49+DRB1*13:11:01	
DRB1*11:44+DRB1*13:14:02	DRB1*11:49+DRB1*13:11:02	
DRB1*11:44+DRB1*13:23	DRB1*11:49+DRB1*13:22	DRB1*11:85+DRB1*13:82
DRB1*11:44+DRB1*13:24	DRB1*11:85+DRB1*13:11:01	
DRB1*11:44+DRB1*13:29	DRB1*11:49+DRB1*13:20	DRB1*11:85+DRB1*13:56
DRB1*11:44+DRB1*13:33:01	DRB1*11:49+DRB1*13:94	

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DRB1*11:44+DRB1*13:36	DRB1*11:49+DRB1*13:40	
DRB1*11:44+DRB1*13:38	DRB1*11:49+DRB1*13:48	DRB1*11:85+DRB1*13:12
DRB1*11:44+DRB1*13:39	DRB1*11:49+DRB1*13:79	
DRB1*11:44+DRB1*13:41	DRB1*11:49+DRB1*13:27	
DRB1*11:44+DRB1*13:63	DRB1*11:85+DRB1*13:05:01G	
DRB1*11:44+DRB1*13:65	DRB1*11:49+DRB1*13:32	
DRB1*11:44+DRB1*13:97	DRB1*11:49+DRB1*13:52	
DRB1*11:44+DRB1*14:02	DRB1*11:49+DRB1*14:06:01G	
DRB1*11:44+DRB1*14:03:01	DRB1*11:49+DRB1*14:02:01G	
DRB1*11:44+DRB1*14:09	DRB1*11:49+DRB1*14:80	
DRB1*11:44+DRB1*14:14	DRB1*11:49+DRB1*14:23:01	
DRB1*11:44+DRB1*14:30	DRB1*11:49+DRB1*14:17	
DRB1*11:44+DRB1*14:44:01	DRB1*11:49+DRB1*14:05:01	
DRB1*11:44+DRB1*14:44:02	DRB1*11:49+DRB1*14:05:03	
DRB1*11:44+DRB1*14:63	DRB1*11:49+DRB1*14:78	
DRB1*11:44+DRB1*14:68	DRB1*11:49+DRB1*14:04	
DRB1*11:44+DRB1*14:86	DRB1*11:50+DRB1*14:35	
DRB1*11:44+DRB1*15:02:01	DRB1*11:49+DRB1*15:01:01G	
DRB1*11:44+DRB1*15:02:02G	DRB1*11:49+DRB1*15:01:04	
DRB1*11:44+DRB1*15:02:04	DRB1*11:49+DRB1*15:01:09	
DRB1*11:44+DRB1*15:02:06	DRB1*11:49+DRB1*15:01:03	
DRB1*11:44+DRB1*15:02:08	DRB1*11:49+DRB1*15:01:10	
DRB1*11:44+DRB1*15:11	DRB1*11:49+DRB1*15:07	
DRB1*11:44+DRB1*15:15	DRB1*11:49+DRB1*15:04	
DRB1*11:44+DRB1*15:31	DRB1*11:49+DRB1*15:05	
DRB1*11:44+DRB1*16:01:01	DRB1*11:49+DRB1*16:15	
DRB1*11:45+DRB1*12:12	DRB1*11:64+DRB1*12:01:01G	
DRB1*11:45+DRB1*13:03:01G	DRB1*11:73+DRB1*13:13	
DRB1*11:45+DRB1*13:20	DRB1*11:64+DRB1*13:01:01G	
DRB1*11:45+DRB1*13:25	DRB1*11:64+DRB1*13:82	
DRB1*11:45+DRB1*13:29	DRB1*11:64+DRB1*13:02:01	
DRB1*11:45+DRB1*13:71	DRB1*11:64+DRB1*13:27	
DRB1*11:45+DRB1*13:78	DRB1*11:64+DRB1*13:79	
DRB1*11:45+DRB1*13:85	DRB1*11:73+DRB1*14:67	
DRB1*11:45+DRB1*13:88	DRB1*11:64+DRB1*13:03:01G	
DRB1*11:45+DRB1*14:03:01	DRB1*11:64+DRB1*14:67	
DRB1*11:45+DRB1*14:05:01	DRB1*11:64+DRB1*14:45	
DRB1*11:45+DRB1*14:19	DRB1*11:73+DRB1*14:89	DRB1*11:79+DRB1*14:67
DRB1*11:45+DRB1*14:24	DRB1*11:82+DRB1*14:67	
DRB1*11:45+DRB1*14:85	DRB1*11:64+DRB1*14:63	
DRB1*11:45+DRB1*15:01:01G	DRB1*11:82+DRB1*15:21	
DRB1*11:45+DRB1*15:05	DRB1*11:64+DRB1*15:01:01G	
DRB1*11:45+DRB1*15:23	DRB1*11:64+DRB1*15:03:01G	
DRB1*11:45+DRB1*15:31	DRB1*11:64+DRB1*15:02:01	
DRB1*11:45+DRB1*16:02:01	DRB1*11:64+DRB1*16:05:01	
DRB1*11:46+DRB1*13:41	DRB1*11:87+DRB1*13:52	
DRB1*11:46+DRB1*13:70	DRB1*11:56+DRB1*13:52	
DRB1*11:47+DRB1*13:48	DRB1*11:63+DRB1*13:58	
DRB1*11:48+DRB1*12:09	DRB1*12:04+DRB1*13:70	
DRB1*11:48+DRB1*13:16	DRB1*11:86+DRB1*13:40	
DRB1*11:48+DRB1*14:72	DRB1*11:52+DRB1*13:22	
DRB1*11:49+DRB1*11:59	DRB1*11:85+DRB1*11:87	
DRB1*11:49+DRB1*13:04	DRB1*11:85+DRB1*13:30	
DRB1*11:49+DRB1*13:24	DRB1*11:85+DRB1*13:14:01G	
DRB1*11:49+DRB1*13:54	DRB1*11:85+DRB1*13:100	
DRB1*11:49+DRB1*13:75	DRB1*11:85+DRB1*13:21:01G	
DRB1*11:52+DRB1*13:11:01	DRB1*11:56+DRB1*14:72	
DRB1*11:52+DRB1*14:53	DRB1*11:96+DRB1*14:01:01G	
DRB1*11:54:01+DRB1*12:01:03	DRB1*11:54:02+DRB1*12:01:01G	
DRB1*11:54:01+DRB1*12:02:02	DRB1*11:54:02+DRB1*12:02:01	
DRB1*11:54:01+DRB1*13:01:01G	DRB1*11:54:02+DRB1*13:01:03	
DRB1*11:54:01+DRB1*14:01:02	DRB1*11:54:02+DRB1*14:01:01G	
DRB1*11:54:01+DRB1*14:05:03	DRB1*11:54:02+DRB1*14:05:01	
DRB1*11:54:01+DRB1*14:44:02	DRB1*11:54:02+DRB1*14:44:01	
DRB1*11:54:01+DRB1*15:01:01G	DRB1*11:54:02+DRB1*15:01:03	
DRB1*11:54:01+DRB1*15:02:01	DRB1*11:54:02+DRB1*15:02:06	
DRB1*11:54:02+DRB1*14:47	DRB1*11:84+DRB1*14:51	
DRB1*11:54:02+DRB1*14:80	DRB1*11:56+DRB1*14:33	
DRB1*11:55+DRB1*13:25	DRB1*11:64+DRB1*13:24	
DRB1*11:56+DRB1*13:27	DRB1*11:83+DRB1*13:22	
DRB1*11:56+DRB1*13:50:01	DRB1*11:58:02+DRB1*13:07:01	
DRB1*11:56+DRB1*13:50:02	DRB1*11:58:01+DRB1*13:07:01	
DRB1*11:56+DRB1*13:61	DRB1*11:84+DRB1*13:40	
DRB1*11:56+DRB1*13:69	DRB1*11:58:01+DRB1*13:70	
DRB1*11:56+DRB1*13:87	DRB1*11:58:02+DRB1*13:08	
DRB1*11:56+DRB1*15:32	DRB1*11:58:02+DRB1*15:07	
DRB1*11:56+DRB1*15:43	DRB1*11:78+DRB1*15:07	
DRB1*11:56+DRB1*15:48	DRB1*11:88+DRB1*15:07	
DRB1*11:57+DRB1*13:13	DRB1*11:64+DRB1*13:58	
DRB1*11:57+DRB1*13:38	DRB1*11:68+DRB1*13:58	
DRB1*11:57+DRB1*14:89	DRB1*11:64+DRB1*14:29	
DRB1*11:58:01+DRB1*13:50:01	DRB1*11:58:02+DRB1*13:50:02	
DRB1*11:58:02+DRB1*15:43	DRB1*11:78+DRB1*15:32	
DRB1*11:58:02+DRB1*15:48	DRB1*11:88+DRB1*15:32	
DRB1*11:59+DRB1*13:12	DRB1*11:87+DRB1*13:48	
DRB1*11:59+DRB1*13:14:01G	DRB1*11:87+DRB1*13:24	
DRB1*11:59+DRB1*13:21:01G	DRB1*11:87+DRB1*13:75	
DRB1*11:59+DRB1*13:30	DRB1*11:87+DRB1*13:04	
DRB1*11:59+DRB1*13:100	DRB1*11:87+DRB1*13:54	
DRB1*11:62+DRB1*13:27	DRB1*11:80+DRB1*13:01:01G	
DRB1*11:62+DRB1*13:41	DRB1*11:80+DRB1*13:02:01	
DRB1*11:62+DRB1*13:71	DRB1*11:80+DRB1*13:20	
DRB1*11:62+DRB1*14:82	DRB1*11:80+DRB1*14:01:01G	
DRB1*11:64+DRB1*13:38	DRB1*11:68+DRB1*13:13	
DRB1*11:64+DRB1*13:85	DRB1*11:73+DRB1*14:03:01	
DRB1*11:64+DRB1*14:19	DRB1*11:79+DRB1*14:03:01	
DRB1*11:64+DRB1*14:24	DRB1*11:82+DRB1*14:03:01	
DRB1*11:64+DRB1*15:10	DRB1*11:68+DRB1*15:21	
DRB1*11:68+DRB1*13:09	DRB1*11:82+DRB1*13:20	
DRB1*11:68+DRB1*13:10	DRB1*11:73+DRB1*13:20	
DRB1*11:68+DRB1*13:16	DRB1*11:86+DRB1*13:29	
DRB1*11:68+DRB1*14:21	DRB1*11:79+DRB1*13:20	
DRB1*11:69+DRB1*11:73	DRB1*11:82+DRB1*11:93	
DRB1*11:69+DRB1*12:01:01G	DRB1*11:82+DRB1*12:02:01	
DRB1*11:69+DRB1*12:01:03	DRB1*11:82+DRB1*12:02:02	

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DRB1*11:69+DRB1*12:05	DRB1*11:82+DRB1*12:15		
DRB1*11:69+DRB1*13:02:01	DRB1*11:82+DRB1*13:63		
DRB1*11:69+DRB1*13:04	DRB1*11:82+DRB1*13:75		
DRB1*11:69+DRB1*13:10	DRB1*11:93+DRB1*13:09		
DRB1*11:69+DRB1*13:12	DRB1*11:82+DRB1*13:49		
DRB1*11:69+DRB1*13:13	DRB1*11:82+DRB1*13:55		
DRB1*11:69+DRB1*13:22	DRB1*11:82+DRB1*13:24		
DRB1*11:69+DRB1*13:30	DRB1*11:82+DRB1*13:21:01G		
DRB1*11:69+DRB1*13:82	DRB1*11:82+DRB1*13:14:01G		
DRB1*11:69+DRB1*13:85	DRB1*11:93+DRB1*14:24		
DRB1*11:69+DRB1*15:01:01G	DRB1*11:82+DRB1*15:04		
DRB1*11:69+DRB1*15:02:01	DRB1*11:82+DRB1*15:15		
DRB1*11:72+DRB1*13:01:01G	DRB1*11:92+DRB1*13:02:01		
DRB1*11:72+DRB1*13:01:05	DRB1*11:92+DRB1*13:02:03		
DRB1*11:72+DRB1*13:11:01	DRB1*11:92+DRB1*13:14:01G		
DRB1*11:72+DRB1*13:11:02	DRB1*11:92+DRB1*13:14:02		
DRB1*11:72+DRB1*13:20	DRB1*11:92+DRB1*13:29		
DRB1*11:72+DRB1*13:22	DRB1*11:92+DRB1*13:23		
DRB1*11:72+DRB1*13:27	DRB1*11:92+DRB1*13:41		
DRB1*11:72+DRB1*13:32	DRB1*11:92+DRB1*13:65		
DRB1*11:72+DRB1*13:40	DRB1*11:92+DRB1*13:36		
DRB1*11:72+DRB1*13:42	DRB1*11:92+DRB1*13:05:01G		
DRB1*11:72+DRB1*13:48	DRB1*11:92+DRB1*13:38		
DRB1*11:72+DRB1*13:52	DRB1*11:92+DRB1*13:97		
DRB1*11:72+DRB1*13:79	DRB1*11:92+DRB1*13:39		
DRB1*11:72+DRB1*13:89	DRB1*11:92+DRB1*13:03:01G		
DRB1*11:72+DRB1*13:94	DRB1*11:92+DRB1*13:33:01		
DRB1*11:72+DRB1*14:01:01G	DRB1*11:92+DRB1*14:07:01G		
DRB1*11:72+DRB1*14:04	DRB1*11:92+DRB1*14:68		
DRB1*11:72+DRB1*14:05:01	DRB1*11:92+DRB1*14:44:01		
DRB1*11:72+DRB1*14:05:03	DRB1*11:92+DRB1*14:44:02		
DRB1*11:72+DRB1*14:06:01G	DRB1*11:92+DRB1*14:02		
DRB1*11:72+DRB1*14:02:01G	DRB1*11:92+DRB1*14:03:01		
DRB1*11:72+DRB1*14:17	DRB1*11:92+DRB1*14:30		
DRB1*11:72+DRB1*14:23:01	DRB1*11:92+DRB1*14:14		
DRB1*11:72+DRB1*14:78	DRB1*11:92+DRB1*14:63		
DRB1*11:72+DRB1*14:80	DRB1*11:92+DRB1*14:09		
DRB1*11:72+DRB1*15:01:01G	DRB1*11:92+DRB1*15:02:01		
DRB1*11:72+DRB1*15:01:03	DRB1*11:92+DRB1*15:02:06		
DRB1*11:72+DRB1*15:01:04	DRB1*11:92+DRB1*15:02:02G		
DRB1*11:72+DRB1*15:01:09	DRB1*11:92+DRB1*15:02:04		
DRB1*11:72+DRB1*15:01:10	DRB1*11:92+DRB1*15:02:08		
DRB1*11:72+DRB1*15:04	DRB1*11:92+DRB1*15:15		
DRB1*11:72+DRB1*15:05	DRB1*11:92+DRB1*15:31		
DRB1*11:72+DRB1*15:07	DRB1*11:92+DRB1*15:11		
DRB1*11:72+DRB1*16:15	DRB1*11:92+DRB1*16:01:01		
DRB1*11:73+DRB1*12:02:01	DRB1*11:93+DRB1*12:01:01G		
DRB1*11:73+DRB1*12:02:02	DRB1*11:93+DRB1*12:01:03		
DRB1*11:73+DRB1*12:15	DRB1*11:93+DRB1*12:05		
DRB1*11:73+DRB1*13:09	DRB1*11:82+DRB1*13:10		
DRB1*11:73+DRB1*13:14:01G	DRB1*11:93+DRB1*13:82		
DRB1*11:73+DRB1*13:24	DRB1*11:93+DRB1*13:22		
DRB1*11:73+DRB1*13:63	DRB1*11:93+DRB1*13:02:01		
DRB1*11:73+DRB1*14:19	DRB1*11:79+DRB1*13:85		
DRB1*11:73+DRB1*14:21	DRB1*11:79+DRB1*13:10		
DRB1*11:73+DRB1*14:24	DRB1*11:82+DRB1*13:85		
DRB1*11:73+DRB1*15:04	DRB1*11:93+DRB1*15:01:01G		
DRB1*11:73+DRB1*15:15	DRB1*11:93+DRB1*15:02:01		
DRB1*11:73+DRB1*16:01:01	DRB1*11:93+DRB1*16:05:01		
DRB1*11:78+DRB1*15:48	DRB1*11:88+DRB1*15:43		
DRB1*11:79+DRB1*13:05:01G	DRB1*11:93+DRB1*14:30		
DRB1*11:79+DRB1*13:09	DRB1*11:82+DRB1*14:21		
DRB1*11:79+DRB1*13:11:01	DRB1*11:93+DRB1*13:44		
DRB1*11:79+DRB1*14:24	DRB1*11:82+DRB1*14:19		
DRB1*11:79+DRB1*16:01:02	DRB1*11:93+DRB1*15:34		
DRB1*11:80+DRB1*13:50:02	DRB1*11:87+DRB1*13:14:01G		
DRB1*11:83+DRB1*13:02:01	DRB1*11:87+DRB1*13:40		
DRB1*11:83+DRB1*13:66:01G	DRB1*11:87+DRB1*13:89		
DRB1*11:83+DRB1*14:30	DRB1*11:87+DRB1*14:80		
DRB1*11:83+DRB1*15:02:01	DRB1*11:87+DRB1*15:07		
DRB1*11:83+DRB1*16:09	DRB1*11:87+DRB1*16:15		
DRB1*12:01:01G+DRB1*12:02:02	DRB1*12:01:03+DRB1*12:02:01		
DRB1*12:01:01G+DRB1*12:15	DRB1*12:02:01+DRB1*12:05		
DRB1*12:01:01G+DRB1*13:01:01G	DRB1*12:01:03+DRB1*13:01:03		
DRB1*12:01:01G+DRB1*13:07:01	DRB1*12:21+DRB1*13:82		
DRB1*12:01:01G+DRB1*13:14:01G	DRB1*12:02:01+DRB1*13:82	DRB1*12:09+DRB1*13:100	
DRB1*12:01:01G+DRB1*13:20	DRB1*12:12+DRB1*13:01:01G		
DRB1*12:01:01G+DRB1*13:21:01G	DRB1*12:02:01+DRB1*13:30		
DRB1*12:01:01G+DRB1*13:24	DRB1*12:02:01+DRB1*13:22	DRB1*12:09+DRB1*13:54	
DRB1*12:01:01G+DRB1*13:25	DRB1*12:12+DRB1*13:82		
DRB1*12:01:01G+DRB1*13:29	DRB1*12:12+DRB1*13:02:01		
DRB1*12:01:01G+DRB1*13:42	DRB1*12:02:01+DRB1*13:06		
DRB1*12:01:01G+DRB1*13:49	DRB1*12:02:01+DRB1*13:12	DRB1*12:21+DRB1*13:30	
DRB1*12:01:01G+DRB1*13:55	DRB1*12:02:01+DRB1*13:13		
DRB1*12:01:01G+DRB1*13:63	DRB1*12:02:01+DRB1*13:02:01	DRB1*12:02:04+DRB1*13:02:02	
DRB1*12:01:01G+DRB1*13:71	DRB1*12:12+DRB1*13:27		
DRB1*12:01:01G+DRB1*13:75	DRB1*12:02:01+DRB1*13:04		
DRB1*12:01:01G+DRB1*13:78	DRB1*12:12+DRB1*13:79		
DRB1*12:01:01G+DRB1*13:88	DRB1*12:12+DRB1*13:03:01G		
DRB1*12:01:01G+DRB1*14:01:02	DRB1*12:01:03+DRB1*14:01:01G	DRB1*12:03:02+DRB1*14:99	
DRB1*12:01:01G+DRB1*14:02	DRB1*12:09+DRB1*14:48		
DRB1*12:01:01G+DRB1*14:03:01	DRB1*12:12+DRB1*14:67		
DRB1*12:01:01G+DRB1*14:05:01	DRB1*12:12+DRB1*14:45		
DRB1*12:01:01G+DRB1*14:05:03	DRB1*12:01:03+DRB1*14:05:01		
DRB1*12:01:01G+DRB1*14:27	DRB1*12:02:01+DRB1*14:67		
DRB1*12:01:01G+DRB1*14:32:01	DRB1*12:01:03+DRB1*14:32:02		
DRB1*12:01:01G+DRB1*14:44:02	DRB1*12:01:03+DRB1*14:44:01		
DRB1*12:01:01G+DRB1*14:85	DRB1*12:12+DRB1*14:63		
DRB1*12:01:01G+DRB1*15:01:01G	DRB1*12:01:03+DRB1*15:01:03		
DRB1*12:01:01G+DRB1*15:02:01	DRB1*12:01:03+DRB1*15:02:06		
DRB1*12:01:01G+DRB1*15:04	DRB1*12:02:01+DRB1*15:01:01G	DRB1*12:02:02+DRB1*15:01:03	DRB1*12:19+DRB1*15:35
DRB1*12:01:01G+DRB1*15:05	DRB1*12:12+DRB1*15:01:01G		
DRB1*12:01:01G+DRB1*15:15	DRB1*12:02:01+DRB1*15:02:01	DRB1*12:02:02+DRB1*15:02:06	
DRB1*12:01:01G+DRB1*15:23	DRB1*12:12+DRB1*15:03:01G		
DRB1*12:01:01G+DRB1*15:31	DRB1*12:12+DRB1*15:02:01		

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DRB1*12:01:01G+DRB1*16:01:01	DRB1*12:02:01+DRB1*16:05:01		
DRB1*12:01:01G+DRB1*16:01:02	DRB1*12:02:04+DRB1*16:05:01		
DRB1*12:01:01G+DRB1*16:02:01	DRB1*12:12+DRB1*16:05:01		
DRB1*12:01:02+DRB1*12:02:01	DRB1*12:01:03+DRB1*12:02:04		
DRB1*12:01:02+DRB1*12:19	DRB1*12:02:04+DRB1*12:03:02		
DRB1*12:01:02+DRB1*13:02:02	DRB1*12:01:03+DRB1*13:02:01		
DRB1*12:01:02+DRB1*13:49	DRB1*12:16+DRB1*13:58		
DRB1*12:01:02+DRB1*15:15	DRB1*12:16+DRB1*15:35		
DRB1*12:01:02+DRB1*16:01:01	DRB1*12:01:03+DRB1*16:01:02		
DRB1*12:01:02+DRB1*16:02:01	DRB1*12:01:03+DRB1*16:02:02		
DRB1*12:01:03+DRB1*12:15	DRB1*12:02:02+DRB1*12:05		
DRB1*12:01:03+DRB1*12:19	DRB1*12:02:01+DRB1*12:03:02		
DRB1*12:01:03+DRB1*13:14:01G	DRB1*12:02:02+DRB1*13:82		
DRB1*12:01:03+DRB1*13:21:01G	DRB1*12:02:02+DRB1*13:30		
DRB1*12:01:03+DRB1*13:24	DRB1*12:02:02+DRB1*13:22		
DRB1*12:01:03+DRB1*13:33:02G	DRB1*12:22+DRB1*13:81		
DRB1*12:01:03+DRB1*13:42	DRB1*12:02:02+DRB1*13:06		
DRB1*12:01:03+DRB1*13:49	DRB1*12:02:02+DRB1*13:12		
DRB1*12:01:03+DRB1*13:55	DRB1*12:02:02+DRB1*13:13		
DRB1*12:01:03+DRB1*13:63	DRB1*12:02:02+DRB1*13:02:01		
DRB1*12:01:03+DRB1*13:75	DRB1*12:02:02+DRB1*13:04		
DRB1*12:01:03+DRB1*13:89	DRB1*12:03:02+DRB1*13:81		
DRB1*12:01:03+DRB1*14:04	DRB1*12:03:02+DRB1*14:28		
DRB1*12:01:03+DRB1*14:06:01G	DRB1*12:03:02+DRB1*14:29		
DRB1*12:01:03+DRB1*14:27	DRB1*12:02:02+DRB1*14:67		
DRB1*12:01:03+DRB1*14:47	DRB1*12:22+DRB1*14:29		
DRB1*12:01:03+DRB1*15:01:01G	DRB1*12:03:02+DRB1*15:35		
DRB1*12:01:03+DRB1*15:04	DRB1*12:02:02+DRB1*15:01:01G		
DRB1*12:01:03+DRB1*15:15	DRB1*12:02:02+DRB1*15:02:01		
DRB1*12:01:03+DRB1*16:01:01	DRB1*12:02:02+DRB1*16:05:01		
DRB1*12:02:01+DRB1*13:01:01G	DRB1*12:02:02+DRB1*13:01:03		
DRB1*12:02:01+DRB1*13:03:01G	DRB1*12:21+DRB1*13:66:01G		
DRB1*12:02:01+DRB1*13:03:05	DRB1*12:02:05+DRB1*13:03:01G		
DRB1*12:02:01+DRB1*13:07:01	DRB1*12:21+DRB1*13:14:01G		
DRB1*12:02:01+DRB1*13:07:02	DRB1*12:21+DRB1*13:14:02		
DRB1*12:02:01+DRB1*13:08	DRB1*12:21+DRB1*13:83		
DRB1*12:02:01+DRB1*13:19	DRB1*12:21+DRB1*13:57		
DRB1*12:02:01+DRB1*13:25	DRB1*12:12+DRB1*13:14:01G		
DRB1*12:02:01+DRB1*13:29	DRB1*12:12+DRB1*13:63		
DRB1*12:02:01+DRB1*13:32	DRB1*12:21+DRB1*13:93		
DRB1*12:02:01+DRB1*13:36	DRB1*12:21+DRB1*13:02:01		
DRB1*12:02:01+DRB1*13:40	DRB1*12:21+DRB1*13:01:01G		
DRB1*12:02:01+DRB1*13:48	DRB1*12:21+DRB1*13:04		
DRB1*12:02:01+DRB1*13:49	DRB1*12:21+DRB1*13:21:01G		
DRB1*12:02:01+DRB1*13:53	DRB1*12:21+DRB1*13:15		
DRB1*12:02:01+DRB1*13:56	DRB1*12:12+DRB1*13:05:01G		
DRB1*12:02:01+DRB1*13:70	DRB1*12:21+DRB1*13:22		
DRB1*12:02:01+DRB1*13:73	DRB1*12:13+DRB1*13:02:01		
DRB1*12:02:01+DRB1*13:89	DRB1*12:19+DRB1*13:81		
DRB1*12:02:01+DRB1*14:01:01G	DRB1*12:19+DRB1*14:99	DRB1*12:21+DRB1*14:35	
DRB1*12:02:01+DRB1*14:01:02	DRB1*12:02:02+DRB1*14:01:01G		
DRB1*12:02:01+DRB1*14:03:01	DRB1*12:12+DRB1*14:27		
DRB1*12:02:01+DRB1*14:04	DRB1*12:19+DRB1*14:28		
DRB1*12:02:01+DRB1*14:05:03	DRB1*12:02:02+DRB1*14:05:01		
DRB1*12:02:01+DRB1*14:06:01G	DRB1*12:19+DRB1*14:29		
DRB1*12:02:01+DRB1*14:09	DRB1*12:21+DRB1*14:30		
DRB1*12:02:01+DRB1*14:25	DRB1*12:21+DRB1*14:53		
DRB1*12:02:01+DRB1*14:32:01	DRB1*12:02:02+DRB1*14:32:02		
DRB1*12:02:01+DRB1*14:44:02	DRB1*12:02:02+DRB1*14:44:01		
DRB1*12:02:01+DRB1*14:69	DRB1*12:12+DRB1*14:25		
DRB1*12:02:01+DRB1*14:80	DRB1*12:21+DRB1*14:17		
DRB1*12:02:01+DRB1*15:01:09	DRB1*12:02:03+DRB1*15:01:01G		
DRB1*12:02:01+DRB1*15:02:04	DRB1*12:02:03+DRB1*15:02:01		
DRB1*12:02:01+DRB1*15:05	DRB1*12:12+DRB1*15:04		
DRB1*12:02:01+DRB1*15:07	DRB1*12:21+DRB1*15:01:01G		
DRB1*12:02:01+DRB1*15:11	DRB1*12:21+DRB1*15:02:01		
DRB1*12:02:01+DRB1*15:31	DRB1*12:12+DRB1*15:15		
DRB1*12:02:01+DRB1*15:34	DRB1*12:21+DRB1*15:27		
DRB1*12:02:01+DRB1*15:48	DRB1*12:21+DRB1*15:09		
DRB1*12:02:01+DRB1*16:01:01	DRB1*12:21+DRB1*16:09		
DRB1*12:02:01+DRB1*16:01:02	DRB1*12:02:04+DRB1*16:01:01		
DRB1*12:02:01+DRB1*16:02:01	DRB1*12:12+DRB1*16:01:01	DRB1*12:21+DRB1*16:10	
DRB1*12:02:01+DRB1*16:02:02	DRB1*12:02:04+DRB1*16:02:01	DRB1*12:12+DRB1*16:01:02	
DRB1*12:02:01+DRB1*16:10	DRB1*12:12+DRB1*16:09		
DRB1*12:02:03+DRB1*15:07	DRB1*12:21+DRB1*15:01:09		
DRB1*12:02:03+DRB1*15:11	DRB1*12:21+DRB1*15:02:04		
DRB1*12:03:02+DRB1*13:33:02G	DRB1*12:22+DRB1*13:89		
DRB1*12:03:02+DRB1*14:47	DRB1*12:22+DRB1*14:06:01G		
DRB1*12:03:02+DRB1*14:98	DRB1*12:22+DRB1*14:02:01G		
DRB1*12:05+DRB1*13:02:01	DRB1*12:14+DRB1*13:34		
DRB1*12:05+DRB1*13:14:01G	DRB1*12:15+DRB1*13:82		
DRB1*12:05+DRB1*13:21:01G	DRB1*12:15+DRB1*13:30		
DRB1*12:05+DRB1*13:24	DRB1*12:15+DRB1*13:22		
DRB1*12:05+DRB1*13:42	DRB1*12:15+DRB1*13:06		
DRB1*12:05+DRB1*13:49	DRB1*12:15+DRB1*13:12		
DRB1*12:05+DRB1*13:55	DRB1*12:15+DRB1*13:13		
DRB1*12:05+DRB1*13:63	DRB1*12:15+DRB1*13:02:01		
DRB1*12:05+DRB1*13:75	DRB1*12:15+DRB1*13:04		
DRB1*12:05+DRB1*13:83	DRB1*12:14+DRB1*13:64		
DRB1*12:05+DRB1*14:27	DRB1*12:15+DRB1*14:67		
DRB1*12:05+DRB1*14:40	DRB1*12:14+DRB1*14:77		
DRB1*12:05+DRB1*15:04	DRB1*12:15+DRB1*15:01:01G		
DRB1*12:05+DRB1*15:15	DRB1*12:15+DRB1*15:02:01		
DRB1*12:05+DRB1*16:01:01	DRB1*12:15+DRB1*16:05:01		
DRB1*12:12+DRB1*13:07:01	DRB1*12:21+DRB1*13:25		
DRB1*12:13+DRB1*13:36	DRB1*12:21+DRB1*13:73		
DRB1*13:01:01G+DRB1*13:02:03	DRB1*13:01:05+DRB1*13:02:01		
DRB1*13:01:01G+DRB1*13:03:01G	DRB1*13:02:01+DRB1*13:89	DRB1*13:10+DRB1*13:38	DRB1*13:37+DRB1*13:93
	DRB1*13:40+DRB1*13:66:01G		
DRB1*13:01:01G+DRB1*13:04	DRB1*13:22+DRB1*13:93		
DRB1*13:01:01G+DRB1*13:05:01G	DRB1*13:02:01+DRB1*13:42	DRB1*13:06+DRB1*13:63	
DRB1*13:01:01G+DRB1*13:07:01	DRB1*13:05:01G+DRB1*13:70	DRB1*13:11:01+DRB1*13:36	DRB1*13:14:01G+DRB1*13:40
DRB1*13:01:01G+DRB1*13:07:02	DRB1*13:01:05+DRB1*13:07:01	DRB1*13:11:02+DRB1*13:36	DRB1*13:14:02+DRB1*13:40
DRB1*13:01:01G+DRB1*13:08	DRB1*13:40+DRB1*13:83		
DRB1*13:01:01G+DRB1*13:11:01	DRB1*13:06+DRB1*13:24	DRB1*13:22+DRB1*13:42	

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DRB1*13:01:01G+DRB1*13:11:02	DRB1*13:01:05+DRB1*13:11:01		
DRB1*13:01:01G+DRB1*13:12	DRB1*13:06+DRB1*13:38	DRB1*13:30+DRB1*13:40	DRB1*13:32+DRB1*13:82
DRB1*13:01:01G+DRB1*13:14:01G	DRB1*13:02:01+DRB1*13:11:01	DRB1*13:05:01G+DRB1*13:22	DRB1*13:23+DRB1*13:42
	DRB1*13:50:01+DRB1*13:52		
DRB1*13:01:01G+DRB1*13:14:02	DRB1*13:01:05+DRB1*13:14:01G	DRB1*13:02:01+DRB1*13:11:02	DRB1*13:02:03+DRB1*13:11:01
DRB1*13:01:01G+DRB1*13:19	DRB1*13:08+DRB1*13:15	DRB1*13:40+DRB1*13:57	DRB1*13:53+DRB1*13:83
DRB1*13:01:01G+DRB1*13:21:01G	DRB1*13:04+DRB1*13:05:01G	DRB1*13:14:01G+DRB1*13:93	
DRB1*13:01:01G+DRB1*13:23	DRB1*13:02:01+DRB1*13:22		
DRB1*13:01:01G+DRB1*13:25	DRB1*13:20+DRB1*13:82	DRB1*13:22+DRB1*13:56	
DRB1*13:01:01G+DRB1*13:29	DRB1*13:02:01+DRB1*13:20		
DRB1*13:01:01G+DRB1*13:30	DRB1*13:82+DRB1*13:93		
DRB1*13:01:01G+DRB1*13:32	DRB1*13:40+DRB1*13:93		
DRB1*13:01:01G+DRB1*13:33:01	DRB1*13:02:01+DRB1*13:94	DRB1*13:89+DRB1*13:96	
DRB1*13:01:01G+DRB1*13:33:02G	DRB1*13:03:01G+DRB1*13:61		
DRB1*13:01:01G+DRB1*13:36	DRB1*13:02:01+DRB1*13:40		
DRB1*13:01:01G+DRB1*13:38	DRB1*13:02:01+DRB1*13:48	DRB1*13:04+DRB1*13:36	DRB1*13:22+DRB1*13:65
	DRB1*13:23+DRB1*13:32		
DRB1*13:01:01G+DRB1*13:39	DRB1*13:02:01+DRB1*13:79		
DRB1*13:01:01G+DRB1*13:41	DRB1*13:02:01+DRB1*13:27		
DRB1*13:01:01G+DRB1*13:44	DRB1*13:22+DRB1*14:17		
DRB1*13:01:01G+DRB1*13:46	DRB1*13:11:01+DRB1*13:31		
DRB1*13:01:01G+DRB1*13:48	DRB1*13:04+DRB1*13:40	DRB1*13:22+DRB1*13:32	DRB1*13:70+DRB1*13:93
DRB1*13:01:01G+DRB1*13:49	DRB1*13:05:01G+DRB1*13:48	DRB1*13:07:01+DRB1*13:93	DRB1*13:11:01+DRB1*13:65
	DRB1*13:14:01G+DRB1*13:32	DRB1*13:21:01G+DRB1*13:40	DRB1*13:38+DRB1*13:42
DRB1*13:01:01G+DRB1*13:50:02	DRB1*13:05:01G+DRB1*13:69		
DRB1*13:01:01G+DRB1*13:53	DRB1*13:15+DRB1*13:40		
DRB1*13:01:01G+DRB1*13:55	DRB1*13:18+DRB1*13:38	DRB1*13:47+DRB1*13:93	
DRB1*13:01:01G+DRB1*13:56	DRB1*13:06+DRB1*13:29		
DRB1*13:01:01G+DRB1*13:57	DRB1*13:15+DRB1*13:83		
DRB1*13:01:01G+DRB1*13:65	DRB1*13:02:01+DRB1*13:32	DRB1*13:36+DRB1*13:93	
DRB1*13:01:01G+DRB1*13:70	DRB1*13:22+DRB1*13:40		
DRB1*13:01:01G+DRB1*13:71	DRB1*13:20+DRB1*13:27		
DRB1*13:01:01G+DRB1*13:75	DRB1*13:24+DRB1*13:93		
DRB1*13:01:01G+DRB1*13:78	DRB1*13:20+DRB1*13:79		
DRB1*13:01:01G+DRB1*13:82	DRB1*13:06+DRB1*13:23		
DRB1*13:01:01G+DRB1*13:83	DRB1*13:52+DRB1*13:87		
DRB1*13:01:01G+DRB1*13:88	DRB1*13:03:01G+DRB1*13:20	DRB1*13:29+DRB1*13:89	
DRB1*13:01:01G+DRB1*13:89	DRB1*13:10+DRB1*13:48		
DRB1*13:01:01G+DRB1*13:97	DRB1*13:02:01+DRB1*13:52		
DRB1*13:01:01G+DRB1*13:100	DRB1*13:46+DRB1*13:79		
DRB1*13:01:01G+DRB1*14:01:01G	DRB1*13:01:03+DRB1*14:01:02	DRB1*13:40+DRB1*14:35	
DRB1*13:01:01G+DRB1*14:02	DRB1*13:02:01+DRB1*14:06:01G	DRB1*13:15+DRB1*14:09	DRB1*13:53+DRB1*14:30
DRB1*13:01:01G+DRB1*14:03:01	DRB1*13:02:01+DRB1*14:02:01G	DRB1*13:20+DRB1*14:67	
DRB1*13:01:01G+DRB1*14:05:01	DRB1*13:01:03+DRB1*14:05:03	DRB1*13:01:06+DRB1*14:05:02	DRB1*13:20+DRB1*14:45
DRB1*13:01:01G+DRB1*14:06:01G	DRB1*13:15+DRB1*14:80	DRB1*13:53+DRB1*14:17	
DRB1*13:01:01G+DRB1*14:07:01G	DRB1*13:02:01+DRB1*14:01:01G	DRB1*13:36+DRB1*14:35	
DRB1*13:01:01G+DRB1*14:09	DRB1*13:02:01+DRB1*14:80	DRB1*13:36+DRB1*14:17	DRB1*13:40+DRB1*14:30
DRB1*13:01:01G+DRB1*14:13	DRB1*13:93+DRB1*14:02		
DRB1*13:01:01G+DRB1*14:14	DRB1*13:02:01+DRB1*14:23:01		
DRB1*13:01:01G+DRB1*14:20	DRB1*13:19+DRB1*14:17	DRB1*13:57+DRB1*14:80	DRB1*13:83+DRB1*14:06:01G
DRB1*13:01:01G+DRB1*14:22	DRB1*13:05:01G+DRB1*14:16		
DRB1*13:01:01G+DRB1*14:23:03	DRB1*13:01:06+DRB1*14:23:01		
DRB1*13:01:01G+DRB1*14:25	DRB1*13:40+DRB1*14:53		
DRB1*13:01:01G+DRB1*14:26	DRB1*13:92+DRB1*14:01:01G		
DRB1*13:01:01G+DRB1*14:30	DRB1*13:02:01+DRB1*14:17		
DRB1*13:01:01G+DRB1*14:32:02	DRB1*13:01:03+DRB1*14:32:01		
DRB1*13:01:01G+DRB1*14:37	DRB1*13:09+DRB1*13:72		
DRB1*13:01:01G+DRB1*14:38	DRB1*13:61+DRB1*14:01:02		
DRB1*13:01:01G+DRB1*14:40	DRB1*13:83+DRB1*14:03:01		
DRB1*13:01:01G+DRB1*14:41	DRB1*13:34+DRB1*14:20	DRB1*13:64+DRB1*14:02	
DRB1*13:01:01G+DRB1*14:44:01	DRB1*13:01:03+DRB1*14:44:02	DRB1*13:02:01+DRB1*14:05:01	DRB1*13:29+DRB1*14:45
DRB1*13:01:01G+DRB1*14:44:02	DRB1*13:02:01+DRB1*14:05:03		
DRB1*13:01:01G+DRB1*14:47	DRB1*13:61+DRB1*14:02		
DRB1*13:01:01G+DRB1*14:53	DRB1*13:42+DRB1*13:45		
DRB1*13:01:01G+DRB1*14:63	DRB1*13:02:01+DRB1*14:78	DRB1*13:93+DRB1*14:67	
DRB1*13:01:01G+DRB1*14:68	DRB1*13:02:01+DRB1*14:04		
DRB1*13:01:01G+DRB1*14:71	DRB1*13:98+DRB1*14:04		
DRB1*13:01:01G+DRB1*14:77	DRB1*13:64+DRB1*14:03:01		
DRB1*13:01:01G+DRB1*14:80	DRB1*13:40+DRB1*14:17		
DRB1*13:01:01G+DRB1*14:82	DRB1*13:27+DRB1*14:01:01G	DRB1*14:16+DRB1*14:95	
DRB1*13:01:01G+DRB1*14:85	DRB1*13:20+DRB1*14:63	DRB1*13:29+DRB1*14:78	DRB1*13:93+DRB1*14:03:01
DRB1*13:01:01G+DRB1*14:98	DRB1*13:61+DRB1*14:03:01		
DRB1*13:01:01G+DRB1*15:01:01G	DRB1*13:01:05+DRB1*15:01:04	DRB1*13:09+DRB1*15:10	DRB1*13:52+DRB1*15:32
DRB1*13:01:01G+DRB1*15:01:03	DRB1*13:01:03+DRB1*15:01:01G		
DRB1*13:01:01G+DRB1*15:01:07	DRB1*13:01:02+DRB1*15:01:01G		
DRB1*13:01:01G+DRB1*15:02:01	DRB1*13:01:05+DRB1*15:02:02G	DRB1*13:02:01+DRB1*15:01:01G	DRB1*13:02:03+DRB1*15:01:04
	DRB1*13:97+DRB1*15:32		
DRB1*13:01:01G+DRB1*15:02:02G	DRB1*13:02:01+DRB1*15:01:04		
DRB1*13:01:01G+DRB1*15:02:04	DRB1*13:02:01+DRB1*15:01:09		
DRB1*13:01:01G+DRB1*15:02:06	DRB1*13:01:03+DRB1*15:02:01	DRB1*13:02:01+DRB1*15:01:03	
DRB1*13:01:01G+DRB1*15:02:08	DRB1*13:02:01+DRB1*15:01:10		
DRB1*13:01:01G+DRB1*15:05	DRB1*13:20+DRB1*15:01:01G		
DRB1*13:01:01G+DRB1*15:07	DRB1*13:40+DRB1*15:01:01G		
DRB1*13:01:01G+DRB1*15:11	DRB1*13:02:01+DRB1*15:07	DRB1*13:36+DRB1*15:01:01G	DRB1*13:40+DRB1*15:02:01
DRB1*13:01:01G+DRB1*15:12	DRB1*13:93+DRB1*15:01:04		
DRB1*13:01:01G+DRB1*15:15	DRB1*13:02:01+DRB1*15:04	DRB1*13:63+DRB1*15:01:01G	
DRB1*13:01:01G+DRB1*15:23	DRB1*13:20+DRB1*15:03:01G		
DRB1*13:01:01G+DRB1*15:24	DRB1*13:92+DRB1*15:01:01G		
DRB1*13:01:01G+DRB1*15:27	DRB1*14:30+DRB1*15:10		
DRB1*13:01:01G+DRB1*15:31	DRB1*13:02:01+DRB1*15:05	DRB1*13:20+DRB1*15:02:01	DRB1*13:29+DRB1*15:01:01G
DRB1*13:01:01G+DRB1*15:34	DRB1*13:40+DRB1*15:27	DRB1*14:09+DRB1*15:10	
DRB1*13:01:01G+DRB1*15:38	DRB1*13:39+DRB1*15:01:04	DRB1*13:79+DRB1*15:02:02G	
DRB1*13:01:01G+DRB1*15:48	DRB1*13:40+DRB1*15:09		
DRB1*13:01:01G+DRB1*16:01:01	DRB1*13:02:01+DRB1*16:15	DRB1*13:40+DRB1*16:09	
DRB1*13:01:01G+DRB1*16:02:01	DRB1*13:20+DRB1*16:05:01	DRB1*13:40+DRB1*16:10	
DRB1*13:01:02+DRB1*15:01:03	DRB1*13:01:03+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:02:01	DRB1*13:02:01+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:05	DRB1*13:20+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:07	DRB1*13:40+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:11	DRB1*13:36+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:15	DRB1*13:63+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:24	DRB1*13:92+DRB1*15:01:07		
DRB1*13:01:02+DRB1*15:31	DRB1*13:29+DRB1*15:01:07		
DRB1*13:01:03+DRB1*14:38	DRB1*13:61+DRB1*14:01:01G		
DRB1*13:01:03+DRB1*14:50	DRB1*13:61+DRB1*14:04		

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DRB1*13:01:03+DRB1*14:93	DRB1*13:96+DRB1*14:04		
DRB1*13:01:03+DRB1*15:05	DRB1*13:20+DRB1*15:01:03		
DRB1*13:01:03+DRB1*15:07	DRB1*13:40+DRB1*15:01:03		
DRB1*13:01:03+DRB1*15:11	DRB1*13:36+DRB1*15:01:03	DRB1*13:40+DRB1*15:02:06	
DRB1*13:01:03+DRB1*15:15	DRB1*13:63+DRB1*15:01:03		
DRB1*13:01:03+DRB1*15:24	DRB1*13:92+DRB1*15:01:03		
DRB1*13:01:03+DRB1*15:31	DRB1*13:20+DRB1*15:02:06	DRB1*13:29+DRB1*15:01:03	
DRB1*13:01:05+DRB1*13:03:01G	DRB1*13:02:03+DRB1*13:89		
DRB1*13:01:05+DRB1*13:05:01G	DRB1*13:02:03+DRB1*13:42		
DRB1*13:01:05+DRB1*13:14:02	DRB1*13:02:03+DRB1*13:11:02		
DRB1*13:01:05+DRB1*13:21:01G	DRB1*13:14:02+DRB1*13:93		
DRB1*13:01:05+DRB1*13:23	DRB1*13:02:03+DRB1*13:22		
DRB1*13:01:05+DRB1*13:29	DRB1*13:02:03+DRB1*13:20		
DRB1*13:01:05+DRB1*13:33:01	DRB1*13:02:03+DRB1*13:94		
DRB1*13:01:05+DRB1*13:36	DRB1*13:02:03+DRB1*13:40		
DRB1*13:01:05+DRB1*13:38	DRB1*13:02:03+DRB1*13:48		
DRB1*13:01:05+DRB1*13:39	DRB1*13:02:03+DRB1*13:79		
DRB1*13:01:05+DRB1*13:41	DRB1*13:02:03+DRB1*13:27		
DRB1*13:01:05+DRB1*13:46	DRB1*13:11:02+DRB1*13:31		
DRB1*13:01:05+DRB1*13:49	DRB1*13:07:02+DRB1*13:93	DRB1*13:11:02+DRB1*13:65	DRB1*13:14:02+DRB1*13:32
DRB1*13:01:05+DRB1*13:65	DRB1*13:02:03+DRB1*13:32		
DRB1*13:01:05+DRB1*13:97	DRB1*13:02:03+DRB1*13:52		
DRB1*13:01:05+DRB1*14:02	DRB1*13:02:03+DRB1*14:06:01G		
DRB1*13:01:05+DRB1*14:03:01	DRB1*13:02:03+DRB1*14:02:01G		
DRB1*13:01:05+DRB1*14:07:01G	DRB1*13:02:03+DRB1*14:01:01G		
DRB1*13:01:05+DRB1*14:09	DRB1*13:02:03+DRB1*14:80		
DRB1*13:01:05+DRB1*14:14	DRB1*13:02:03+DRB1*14:23:01		
DRB1*13:01:05+DRB1*14:30	DRB1*13:02:03+DRB1*14:17		
DRB1*13:01:05+DRB1*14:44:01	DRB1*13:02:03+DRB1*14:05:01		
DRB1*13:01:05+DRB1*14:44:02	DRB1*13:02:03+DRB1*14:05:03		
DRB1*13:01:05+DRB1*14:63	DRB1*13:02:03+DRB1*14:78		
DRB1*13:01:05+DRB1*14:68	DRB1*13:02:03+DRB1*14:04		
DRB1*13:01:05+DRB1*15:02:01	DRB1*13:02:03+DRB1*15:01:01G		
DRB1*13:01:05+DRB1*15:02:04	DRB1*13:02:03+DRB1*15:01:09		
DRB1*13:01:05+DRB1*15:02:06	DRB1*13:02:03+DRB1*15:01:03		
DRB1*13:01:05+DRB1*15:02:08	DRB1*13:02:03+DRB1*15:01:10		
DRB1*13:01:05+DRB1*15:11	DRB1*13:02:03+DRB1*15:07		
DRB1*13:01:05+DRB1*15:12	DRB1*13:93+DRB1*15:01:01G		
DRB1*13:01:05+DRB1*15:15	DRB1*13:02:03+DRB1*15:04		
DRB1*13:01:05+DRB1*15:31	DRB1*13:02:03+DRB1*15:05		
DRB1*13:01:05+DRB1*15:38	DRB1*13:39+DRB1*15:01:01G	DRB1*13:79+DRB1*15:02:01	
DRB1*13:01:05+DRB1*16:01:01	DRB1*13:02:03+DRB1*16:15		
DRB1*13:01:06+DRB1*14:14	DRB1*13:02:01+DRB1*14:23:03		
DRB1*13:02:01+DRB1*13:03:01G	DRB1*13:36+DRB1*13:66:01G		
DRB1*13:02:01+DRB1*13:04	DRB1*13:23+DRB1*13:93		
DRB1*13:02:01+DRB1*13:07:01	DRB1*13:14:01G+DRB1*13:36		
DRB1*13:02:01+DRB1*13:07:02	DRB1*13:02:03+DRB1*13:07:01	DRB1*13:14:02+DRB1*13:36	
DRB1*13:02:01+DRB1*13:08	DRB1*13:36+DRB1*13:83		
DRB1*13:02:01+DRB1*13:12	DRB1*13:30+DRB1*13:36	DRB1*13:65+DRB1*13:82	
DRB1*13:02:01+DRB1*13:14:01G	DRB1*13:05:01G+DRB1*13:23	DRB1*13:50:01+DRB1*13:97	DRB1*13:63+DRB1*13:82
DRB1*13:02:01+DRB1*13:14:02	DRB1*13:02:03+DRB1*13:14:01G		
DRB1*13:02:01+DRB1*13:19	DRB1*13:36+DRB1*13:57		
DRB1*13:02:01+DRB1*13:21:01G	DRB1*13:30+DRB1*13:63		
DRB1*13:02:01+DRB1*13:24	DRB1*13:22+DRB1*13:63		
DRB1*13:02:01+DRB1*13:25	DRB1*13:23+DRB1*13:56	DRB1*13:29+DRB1*13:82	
DRB1*13:02:01+DRB1*13:33:01	DRB1*13:03:01G+DRB1*13:96		
DRB1*13:02:01+DRB1*13:38	DRB1*13:23+DRB1*13:65		
DRB1*13:02:01+DRB1*13:44	DRB1*13:22+DRB1*14:30	DRB1*13:23+DRB1*14:17	
DRB1*13:02:01+DRB1*13:46	DRB1*13:14:01G+DRB1*13:31		
DRB1*13:02:01+DRB1*13:49	DRB1*13:05:01G+DRB1*13:38 DRB1*13:21:01G+DRB1*13:36	DRB1*13:12+DRB1*13:63	DRB1*13:14:01G+DRB1*13:65
DRB1*13:02:01+DRB1*13:53	DRB1*13:15+DRB1*13:36		
DRB1*13:02:01+DRB1*13:55	DRB1*13:13+DRB1*13:63		
DRB1*13:02:01+DRB1*13:64	DRB1*13:34+DRB1*13:83		
DRB1*13:02:01+DRB1*13:70	DRB1*13:22+DRB1*13:36	DRB1*13:23+DRB1*13:40	
DRB1*13:02:01+DRB1*13:71	DRB1*13:20+DRB1*13:41	DRB1*13:27+DRB1*13:29	
DRB1*13:02:01+DRB1*13:75	DRB1*13:04+DRB1*13:63		
DRB1*13:02:01+DRB1*13:78	DRB1*13:20+DRB1*13:39	DRB1*13:29+DRB1*13:79	
DRB1*13:02:01+DRB1*13:83	DRB1*13:87+DRB1*13:97		
DRB1*13:02:01+DRB1*13:88	DRB1*13:03:01G+DRB1*13:29		
DRB1*13:02:01+DRB1*13:100	DRB1*13:39+DRB1*13:46		
DRB1*13:02:01+DRB1*14:03:01	DRB1*13:29+DRB1*14:67		
DRB1*13:02:01+DRB1*14:09	DRB1*13:36+DRB1*14:30		
DRB1*13:02:01+DRB1*14:20	DRB1*13:19+DRB1*14:30	DRB1*13:57+DRB1*14:09	DRB1*13:83+DRB1*14:02
DRB1*13:02:01+DRB1*14:25	DRB1*13:36+DRB1*14:53		
DRB1*13:02:01+DRB1*14:26	DRB1*13:92+DRB1*14:07:01G		
DRB1*13:02:01+DRB1*14:27	DRB1*13:63+DRB1*14:67		
DRB1*13:02:01+DRB1*14:53	DRB1*13:05:01G+DRB1*13:45		
DRB1*13:02:01+DRB1*14:71	DRB1*13:98+DRB1*14:68		
DRB1*13:02:01+DRB1*14:74	DRB1*13:56+DRB1*14:16		
DRB1*13:02:01+DRB1*14:77	DRB1*13:34+DRB1*14:40		
DRB1*13:02:01+DRB1*14:82	DRB1*13:27+DRB1*14:07:01G	DRB1*13:41+DRB1*14:01:01G	
DRB1*13:02:01+DRB1*14:85	DRB1*13:29+DRB1*14:63		
DRB1*13:02:01+DRB1*15:02:01	DRB1*13:02:03+DRB1*15:02:02G		
DRB1*13:02:01+DRB1*15:11	DRB1*13:36+DRB1*15:02:01		
DRB1*13:02:01+DRB1*15:12	DRB1*13:93+DRB1*15:02:02G		
DRB1*13:02:01+DRB1*15:15	DRB1*13:63+DRB1*15:02:01		
DRB1*13:02:01+DRB1*15:23	DRB1*13:29+DRB1*15:03:01G		
DRB1*13:02:01+DRB1*15:24	DRB1*13:92+DRB1*15:02:01		
DRB1*13:02:01+DRB1*15:31	DRB1*13:29+DRB1*15:02:01		
DRB1*13:02:01+DRB1*15:34	DRB1*13:36+DRB1*15:27		
DRB1*13:02:01+DRB1*15:37	DRB1*13:96+DRB1*15:01:01G		
DRB1*13:02:01+DRB1*15:38	DRB1*13:39+DRB1*15:02:02G		
DRB1*13:02:01+DRB1*15:48	DRB1*13:36+DRB1*15:09		
DRB1*13:02:01+DRB1*16:01:01	DRB1*13:02:02+DRB1*16:01:02	DRB1*13:36+DRB1*16:09	DRB1*13:63+DRB1*16:05:01
DRB1*13:02:01+DRB1*16:02:01	DRB1*13:02:02+DRB1*16:02:02	DRB1*13:29+DRB1*16:05:01	DRB1*13:36+DRB1*16:10
DRB1*13:02:03+DRB1*13:46	DRB1*13:14:02+DRB1*13:31		
DRB1*13:02:03+DRB1*13:49	DRB1*13:14:02+DRB1*13:65		
DRB1*13:02:03+DRB1*15:12	DRB1*13:93+DRB1*15:02:01		
DRB1*13:02:03+DRB1*15:38	DRB1*13:39+DRB1*15:02:01		
DRB1*13:03:01G+DRB1*13:04	DRB1*13:48+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:06	DRB1*13:10+DRB1*13:12		
DRB1*13:03:01G+DRB1*13:07:01	DRB1*13:37+DRB1*13:49		
DRB1*13:03:01G+DRB1*13:11:01	DRB1*13:14:01G+DRB1*13:89		
DRB1*13:03:01G+DRB1*13:11:02	DRB1*13:14:02+DRB1*13:89		

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DRB1*13:03:01G+DRB1*13:14:01G	DRB1*13:07:01+DRB1*13:66:01G	DRB1*13:21:01G+DRB1*13:37	
DRB1*13:03:01G+DRB1*13:14:02	DRB1*13:07:02+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:15	DRB1*13:04+DRB1*13:85	DRB1*13:53+DRB1*13:66:01G	
DRB1*13:03:01G+DRB1*13:18	DRB1*13:10+DRB1*13:55		
DRB1*13:03:01G+DRB1*13:21:01G	DRB1*13:49+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:22	DRB1*13:04+DRB1*13:37	DRB1*13:23+DRB1*13:89	DRB1*13:66:01G+DRB1*13:70
DRB1*13:03:01G+DRB1*13:24	DRB1*13:37+DRB1*13:75		
DRB1*13:03:01G+DRB1*13:25	DRB1*13:82+DRB1*13:88		
DRB1*13:03:01G+DRB1*13:27	DRB1*13:41+DRB1*13:89		
DRB1*13:03:01G+DRB1*13:30	DRB1*13:12+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:32	DRB1*13:65+DRB1*13:89		
DRB1*13:03:01G+DRB1*13:36	DRB1*13:37+DRB1*13:65		
DRB1*13:03:01G+DRB1*13:40	DRB1*13:32+DRB1*13:37	DRB1*13:36+DRB1*13:89	
DRB1*13:03:01G+DRB1*13:42	DRB1*13:05:01G+DRB1*13:89	DRB1*13:10+DRB1*13:49	
DRB1*13:03:01G+DRB1*13:47	DRB1*13:37+DRB1*13:55		
DRB1*13:03:01G+DRB1*13:48	DRB1*13:38+DRB1*13:89		
DRB1*13:03:01G+DRB1*13:52	DRB1*13:89+DRB1*13:97		
DRB1*13:03:01G+DRB1*13:53	DRB1*13:48+DRB1*13:85		
DRB1*13:03:01G+DRB1*13:57	DRB1*13:19+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:58	DRB1*13:12+DRB1*13:81		
DRB1*13:03:01G+DRB1*13:70	DRB1*13:37+DRB1*13:48		
DRB1*13:03:01G+DRB1*13:71	DRB1*13:27+DRB1*13:88		
DRB1*13:03:01G+DRB1*13:78	DRB1*13:79+DRB1*13:88		
DRB1*13:03:01G+DRB1*13:79	DRB1*13:39+DRB1*13:89		
DRB1*13:03:01G+DRB1*13:82	DRB1*13:30+DRB1*13:37		
DRB1*13:03:01G+DRB1*13:83	DRB1*13:08+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:93	DRB1*13:32+DRB1*13:66:01G		
DRB1*13:03:01G+DRB1*13:94	DRB1*13:33:01+DRB1*13:89		
DRB1*13:03:01G+DRB1*14:01:01G	DRB1*13:89+DRB1*14:07:01G		
DRB1*13:03:01G+DRB1*14:02	DRB1*13:12+DRB1*14:19	DRB1*13:37+DRB1*14:13	
DRB1*13:03:01G+DRB1*14:03:01	DRB1*13:37+DRB1*14:85	DRB1*13:88+DRB1*14:67	
DRB1*13:03:01G+DRB1*14:05:01	DRB1*13:88+DRB1*14:45	DRB1*13:89+DRB1*14:44:01	
DRB1*13:03:01G+DRB1*14:05:03	DRB1*13:89+DRB1*14:44:02		
DRB1*13:03:01G+DRB1*14:06:01G	DRB1*13:89+DRB1*14:02		
DRB1*13:03:01G+DRB1*14:02:01G	DRB1*13:89+DRB1*14:03:01		
DRB1*13:03:01G+DRB1*14:17	DRB1*13:12+DRB1*14:21	DRB1*13:66:01G+DRB1*14:80	DRB1*13:89+DRB1*14:30
DRB1*13:03:01G+DRB1*14:23:01	DRB1*13:89+DRB1*14:14		
DRB1*13:03:01G+DRB1*14:27	DRB1*13:55+DRB1*13:85		
DRB1*13:03:01G+DRB1*14:29	DRB1*13:58+DRB1*14:19	DRB1*13:81+DRB1*14:02	
DRB1*13:03:01G+DRB1*14:30	DRB1*13:66:01G+DRB1*14:09		
DRB1*13:03:01G+DRB1*14:35	DRB1*13:66:01G+DRB1*14:01:01G		
DRB1*13:03:01G+DRB1*14:38	DRB1*13:33:02G+DRB1*14:01:02		
DRB1*13:03:01G+DRB1*14:47	DRB1*13:33:02G+DRB1*14:02		
DRB1*13:03:01G+DRB1*14:53	DRB1*13:66:01G+DRB1*14:25		
DRB1*13:03:01G+DRB1*14:67	DRB1*13:13+DRB1*13:85	DRB1*13:37+DRB1*14:63	
DRB1*13:03:01G+DRB1*14:78	DRB1*13:89+DRB1*14:63		
DRB1*13:03:01G+DRB1*14:80	DRB1*13:89+DRB1*14:09		
DRB1*13:03:01G+DRB1*14:85	DRB1*13:88+DRB1*14:63		
DRB1*13:03:01G+DRB1*14:89	DRB1*13:13+DRB1*14:19		
DRB1*13:03:01G+DRB1*14:98	DRB1*13:33:02G+DRB1*14:03:01		
DRB1*13:03:01G+DRB1*14:99	DRB1*13:81+DRB1*14:07:01G		
DRB1*13:03:01G+DRB1*15:01:01G	DRB1*13:66:01G+DRB1*15:07	DRB1*13:89+DRB1*15:02:01	
DRB1*13:03:01G+DRB1*15:01:03	DRB1*13:89+DRB1*15:02:06		
DRB1*13:03:01G+DRB1*15:01:04	DRB1*13:37+DRB1*15:12	DRB1*13:89+DRB1*15:02:02G	
DRB1*13:03:01G+DRB1*15:01:09	DRB1*13:89+DRB1*15:02:04		
DRB1*13:03:01G+DRB1*15:01:10	DRB1*13:89+DRB1*15:02:08		
DRB1*13:03:01G+DRB1*15:02:01	DRB1*13:66:01G+DRB1*15:11		
DRB1*13:03:01G+DRB1*15:04	DRB1*13:89+DRB1*15:15		
DRB1*13:03:01G+DRB1*15:05	DRB1*13:88+DRB1*15:01:01G	DRB1*13:89+DRB1*15:31	
DRB1*13:03:01G+DRB1*15:07	DRB1*13:89+DRB1*15:11		
DRB1*13:03:01G+DRB1*15:09	DRB1*13:66:01G+DRB1*15:48		
DRB1*13:03:01G+DRB1*15:23	DRB1*13:88+DRB1*15:03:01G		
DRB1*13:03:01G+DRB1*15:27	DRB1*13:66:01G+DRB1*15:34		
DRB1*13:03:01G+DRB1*15:31	DRB1*13:88+DRB1*15:02:01		
DRB1*13:03:01G+DRB1*15:35	DRB1*13:81+DRB1*15:02:01		
DRB1*13:03:01G+DRB1*15:37	DRB1*13:33:01+DRB1*15:01:01G	DRB1*13:94+DRB1*15:02:01	
DRB1*13:03:01G+DRB1*16:02:01	DRB1*13:88+DRB1*16:05:01		
DRB1*13:03:01G+DRB1*16:09	DRB1*13:66:01G+DRB1*16:01:01		
DRB1*13:03:01G+DRB1*16:10	DRB1*13:66:01G+DRB1*16:02:01		
DRB1*13:03:01G+DRB1*16:15	DRB1*13:89+DRB1*16:01:01		
DRB1*13:04+DRB1*13:07:01	DRB1*13:11:01+DRB1*13:38	DRB1*13:12+DRB1*13:24	DRB1*13:14:01G+DRB1*13:48
	DRB1*13:21:01G+DRB1*13:70	DRB1*13:22+DRB1*13:49	
DRB1*13:04+DRB1*13:07:02	DRB1*13:11:02+DRB1*13:38	DRB1*13:14:02+DRB1*13:48	
DRB1*13:04+DRB1*13:08	DRB1*13:48+DRB1*13:83		
DRB1*13:04+DRB1*13:12	DRB1*13:30+DRB1*13:48		
DRB1*13:04+DRB1*13:14:01G	DRB1*13:21:01G+DRB1*13:22	DRB1*13:24+DRB1*13:30	DRB1*13:75+DRB1*13:82
DRB1*13:04+DRB1*13:19	DRB1*13:48+DRB1*13:57		
DRB1*13:04+DRB1*13:21:01G	DRB1*13:30+DRB1*13:75		
DRB1*13:04+DRB1*13:24	DRB1*13:22+DRB1*13:75		
DRB1*13:04+DRB1*13:32	DRB1*13:48+DRB1*13:93		
DRB1*13:04+DRB1*13:42	DRB1*13:06+DRB1*13:75	DRB1*13:11:01+DRB1*13:93	
DRB1*13:04+DRB1*13:47	DRB1*13:13+DRB1*13:24	DRB1*13:22+DRB1*13:55	
DRB1*13:04+DRB1*13:49	DRB1*13:12+DRB1*13:75	DRB1*13:21:01G+DRB1*13:48	
DRB1*13:04+DRB1*13:50:02	DRB1*13:21:01G+DRB1*13:69		
DRB1*13:04+DRB1*13:53	DRB1*13:15+DRB1*13:48		
DRB1*13:04+DRB1*13:55	DRB1*13:13+DRB1*13:75		
DRB1*13:04+DRB1*13:56	DRB1*13:20+DRB1*13:30	DRB1*13:25+DRB1*13:93	
DRB1*13:04+DRB1*13:65	DRB1*13:38+DRB1*13:93		
DRB1*13:04+DRB1*13:70	DRB1*13:22+DRB1*13:48		
DRB1*13:04+DRB1*13:82	DRB1*13:22+DRB1*13:30		
DRB1*13:04+DRB1*13:100	DRB1*13:30+DRB1*13:54		
DRB1*13:04+DRB1*14:01:01G	DRB1*13:48+DRB1*14:35		
DRB1*13:04+DRB1*14:02	DRB1*13:22+DRB1*14:13	DRB1*13:32+DRB1*13:86	
DRB1*13:04+DRB1*14:03:01	DRB1*13:22+DRB1*14:85		
DRB1*13:04+DRB1*14:07:01G	DRB1*13:38+DRB1*14:35		
DRB1*13:04+DRB1*14:09	DRB1*13:38+DRB1*14:17	DRB1*13:44+DRB1*13:65	DRB1*13:48+DRB1*14:30
DRB1*13:04+DRB1*14:17	DRB1*13:44+DRB1*13:93		
DRB1*13:04+DRB1*14:22	DRB1*13:21:01G+DRB1*14:16		
DRB1*13:04+DRB1*14:25	DRB1*13:48+DRB1*14:53		
DRB1*13:04+DRB1*14:27	DRB1*13:15+DRB1*13:55	DRB1*13:24+DRB1*14:63	DRB1*13:75+DRB1*14:67
DRB1*13:04+DRB1*14:67	DRB1*13:13+DRB1*13:15	DRB1*13:22+DRB1*14:63	DRB1*13:23+DRB1*14:78
DRB1*13:04+DRB1*14:80	DRB1*13:32+DRB1*13:44	DRB1*13:48+DRB1*14:17	
DRB1*13:04+DRB1*15:01:04	DRB1*13:22+DRB1*15:12		
DRB1*13:04+DRB1*15:02:02G	DRB1*13:23+DRB1*15:12		
DRB1*13:04+DRB1*15:04	DRB1*13:75+DRB1*15:01:01G		

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DRB1*13:04+DRB1*15:07	DRB1*13:48+DRB1*15:01:01G		
DRB1*13:04+DRB1*15:11	DRB1*13:38+DRB1*15:01:01G	DRB1*13:48+DRB1*15:02:01	
DRB1*13:04+DRB1*15:15	DRB1*13:75+DRB1*15:02:01		
DRB1*13:04+DRB1*15:34	DRB1*13:48+DRB1*15:27		
DRB1*13:04+DRB1*15:48	DRB1*13:48+DRB1*15:09		
DRB1*13:04+DRB1*16:01:01	DRB1*13:48+DRB1*16:09	DRB1*13:75+DRB1*16:05:01	
DRB1*13:04+DRB1*16:01:02	DRB1*13:49+DRB1*15:10		
DRB1*13:04+DRB1*16:02:01	DRB1*13:48+DRB1*16:10		
DRB1*13:04+DRB1*16:04	DRB1*13:55+DRB1*15:10		
DRB1*13:05:01G+DRB1*13:11:01	DRB1*13:14:01G+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:11:02	DRB1*13:14:02+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:20	DRB1*13:29+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:24	DRB1*13:11:01+DRB1*13:63		
DRB1*13:05:01G+DRB1*13:25	DRB1*13:14:01G+DRB1*13:56		
DRB1*13:05:01G+DRB1*13:27	DRB1*13:41+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:29	DRB1*13:56+DRB1*13:63		
DRB1*13:05:01G+DRB1*13:32	DRB1*13:42+DRB1*13:65		
DRB1*13:05:01G+DRB1*13:40	DRB1*13:36+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:44	DRB1*13:11:01+DRB1*14:30	DRB1*13:14:01G+DRB1*14:17	
DRB1*13:05:01G+DRB1*13:52	DRB1*13:42+DRB1*13:97		
DRB1*13:05:01G+DRB1*13:79	DRB1*13:39+DRB1*13:42		
DRB1*13:05:01G+DRB1*13:94	DRB1*13:33:01+DRB1*13:42		
DRB1*13:05:01G+DRB1*14:01:01G	DRB1*13:42+DRB1*14:07:01G		
DRB1*13:05:01G+DRB1*14:03:01	DRB1*13:56+DRB1*14:27		
DRB1*13:05:01G+DRB1*14:04	DRB1*13:42+DRB1*14:68		
DRB1*13:05:01G+DRB1*14:05:01	DRB1*13:42+DRB1*14:44:01		
DRB1*13:05:01G+DRB1*14:05:03	DRB1*13:42+DRB1*14:44:02		
DRB1*13:05:01G+DRB1*14:06:01G	DRB1*13:42+DRB1*14:02		
DRB1*13:05:01G+DRB1*14:02:01G	DRB1*13:42+DRB1*14:03:01		
DRB1*13:05:01G+DRB1*14:17	DRB1*13:42+DRB1*14:30		
DRB1*13:05:01G+DRB1*14:23:01	DRB1*13:42+DRB1*14:14		
DRB1*13:05:01G+DRB1*14:69	DRB1*13:56+DRB1*14:25		
DRB1*13:05:01G+DRB1*14:78	DRB1*13:42+DRB1*14:63		
DRB1*13:05:01G+DRB1*14:80	DRB1*13:42+DRB1*14:09		
DRB1*13:05:01G+DRB1*14:82	DRB1*14:22+DRB1*14:95		
DRB1*13:05:01G+DRB1*14:89	DRB1*14:27+DRB1*14:30		
DRB1*13:05:01G+DRB1*15:01:01G	DRB1*13:06+DRB1*15:15	DRB1*13:42+DRB1*15:02:01	
DRB1*13:05:01G+DRB1*15:01:03	DRB1*13:42+DRB1*15:02:06		
DRB1*13:05:01G+DRB1*15:01:04	DRB1*13:42+DRB1*15:02:02G		
DRB1*13:05:01G+DRB1*15:01:09	DRB1*13:42+DRB1*15:02:04		
DRB1*13:05:01G+DRB1*15:01:10	DRB1*13:42+DRB1*15:02:08		
DRB1*13:05:01G+DRB1*15:04	DRB1*13:42+DRB1*15:15		
DRB1*13:05:01G+DRB1*15:05	DRB1*13:42+DRB1*15:31	DRB1*13:56+DRB1*15:04	
DRB1*13:05:01G+DRB1*15:07	DRB1*13:09+DRB1*16:01:02	DRB1*13:42+DRB1*15:11	
DRB1*13:05:01G+DRB1*15:31	DRB1*13:56+DRB1*15:15		
DRB1*13:05:01G+DRB1*15:34	DRB1*14:30+DRB1*16:01:02		
DRB1*13:05:01G+DRB1*16:02:01	DRB1*13:56+DRB1*16:01:01		
DRB1*13:05:01G+DRB1*16:02:02	DRB1*13:56+DRB1*16:01:02		
DRB1*13:05:01G+DRB1*16:10	DRB1*13:56+DRB1*16:09		
DRB1*13:05:01G+DRB1*16:15	DRB1*13:42+DRB1*16:01:01		
DRB1*13:06+DRB1*13:14:01G	DRB1*13:42+DRB1*13:82		
DRB1*13:06+DRB1*13:21:01G	DRB1*13:30+DRB1*13:42		
DRB1*13:06+DRB1*13:49	DRB1*13:12+DRB1*13:42		
DRB1*13:06+DRB1*13:55	DRB1*13:12+DRB1*13:18	DRB1*13:13+DRB1*13:42	
DRB1*13:06+DRB1*13:66:01G	DRB1*13:10+DRB1*13:30		
DRB1*13:06+DRB1*13:81	DRB1*13:10+DRB1*13:58		
DRB1*13:06+DRB1*13:88	DRB1*13:56+DRB1*13:89		
DRB1*13:06+DRB1*14:19	DRB1*13:10+DRB1*14:02	DRB1*13:85+DRB1*14:17	
DRB1*13:06+DRB1*14:21	DRB1*13:10+DRB1*14:17		
DRB1*13:06+DRB1*14:27	DRB1*13:42+DRB1*14:67		
DRB1*13:06+DRB1*14:44:01	DRB1*13:56+DRB1*14:45		
DRB1*13:06+DRB1*14:85	DRB1*13:56+DRB1*14:78		
DRB1*13:06+DRB1*14:89	DRB1*14:17+DRB1*14:67		
DRB1*13:06+DRB1*15:04	DRB1*13:42+DRB1*15:01:01G		
DRB1*13:06+DRB1*15:31	DRB1*13:56+DRB1*15:01:01G		
DRB1*13:06+DRB1*16:01:01	DRB1*13:42+DRB1*16:05:01		
DRB1*13:07:01+DRB1*13:10	DRB1*13:37+DRB1*13:42		
DRB1*13:07:01+DRB1*13:11:02	DRB1*13:07:02+DRB1*13:11:01		
DRB1*13:07:01+DRB1*13:13	DRB1*13:12+DRB1*13:47		
DRB1*13:07:01+DRB1*13:14:02	DRB1*13:07:02+DRB1*13:14:01G		
DRB1*13:07:01+DRB1*13:15	DRB1*13:14:01G+DRB1*13:53		
DRB1*13:07:01+DRB1*13:21:01G	DRB1*13:14:01G+DRB1*13:49		
DRB1*13:07:01+DRB1*13:22	DRB1*13:14:01G+DRB1*13:70		
DRB1*13:07:01+DRB1*13:30	DRB1*13:12+DRB1*13:14:01G	DRB1*13:49+DRB1*13:82	
DRB1*13:07:01+DRB1*13:31	DRB1*13:36+DRB1*13:46		
DRB1*13:07:01+DRB1*13:32	DRB1*13:40+DRB1*13:49		
DRB1*13:07:01+DRB1*13:43	DRB1*13:20+DRB1*14:25		
DRB1*13:07:01+DRB1*13:45	DRB1*13:23+DRB1*14:25		
DRB1*13:07:01+DRB1*13:48	DRB1*13:49+DRB1*13:70		
DRB1*13:07:01+DRB1*13:55	DRB1*13:47+DRB1*13:49		
DRB1*13:07:01+DRB1*13:57	DRB1*13:14:01G+DRB1*13:19		
DRB1*13:07:01+DRB1*13:65	DRB1*13:36+DRB1*13:49		
DRB1*13:07:01+DRB1*13:69	DRB1*13:50:02+DRB1*13:70		
DRB1*13:07:01+DRB1*13:75	DRB1*13:24+DRB1*13:49		
DRB1*13:07:01+DRB1*13:83	DRB1*13:08+DRB1*13:14:01G		
DRB1*13:07:01+DRB1*13:87	DRB1*13:08+DRB1*13:50:01		
DRB1*13:07:01+DRB1*14:01:01G	DRB1*14:23:01+DRB1*14:25		
DRB1*13:07:01+DRB1*14:07:01G	DRB1*14:14+DRB1*14:25		
DRB1*13:07:01+DRB1*14:13	DRB1*13:49+DRB1*14:02		
DRB1*13:07:01+DRB1*14:16	DRB1*13:08+DRB1*14:25	DRB1*13:70+DRB1*14:22	
DRB1*13:07:01+DRB1*14:17	DRB1*13:11:01+DRB1*14:09	DRB1*13:14:01G+DRB1*14:80	
DRB1*13:07:01+DRB1*14:30	DRB1*13:14:01G+DRB1*14:09		
DRB1*13:07:01+DRB1*14:35	DRB1*13:11:01+DRB1*14:07:01G	DRB1*13:14:01G+DRB1*14:01:01G	DRB1*14:23:01+DRB1*14:53
DRB1*13:07:01+DRB1*14:53	DRB1*13:14:01G+DRB1*14:25		
DRB1*13:07:01+DRB1*14:55	DRB1*13:47+DRB1*14:32:02		
DRB1*13:07:01+DRB1*14:63	DRB1*13:12+DRB1*14:27	DRB1*13:49+DRB1*14:67	
DRB1*13:07:01+DRB1*14:85	DRB1*13:49+DRB1*14:03:01		
DRB1*13:07:01+DRB1*14:89	DRB1*13:47+DRB1*14:02		
DRB1*13:07:01+DRB1*15:01:01G	DRB1*13:07:02+DRB1*15:01:04	DRB1*13:11:01+DRB1*15:11	DRB1*13:14:01G+DRB1*15:07
DRB1*13:07:01+DRB1*15:02:01	DRB1*13:07:02+DRB1*15:02:02G	DRB1*13:14:01G+DRB1*15:11	
DRB1*13:07:01+DRB1*15:09	DRB1*13:14:01G+DRB1*15:48		
DRB1*13:07:01+DRB1*15:10	DRB1*13:22+DRB1*16:01:02		
DRB1*13:07:01+DRB1*15:12	DRB1*13:49+DRB1*15:01:04		
DRB1*13:07:01+DRB1*15:27	DRB1*13:14:01G+DRB1*15:34		
DRB1*13:07:01+DRB1*15:32	DRB1*13:50:01+DRB1*15:07		

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DRB1*13:07:01+DRB1*16:04	DRB1*13:47+DRB1*16:01:02		
DRB1*13:07:01+DRB1*16:09	DRB1*13:14:01G+DRB1*16:01:01		
DRB1*13:07:01+DRB1*16:10	DRB1*13:14:01G+DRB1*16:02:01	DRB1*13:25+DRB1*16:01:01	
DRB1*13:07:02+DRB1*13:15	DRB1*13:14:02+DRB1*13:53		
DRB1*13:07:02+DRB1*13:21:01G	DRB1*13:14:02+DRB1*13:49		
DRB1*13:07:02+DRB1*13:22	DRB1*13:14:02+DRB1*13:70		
DRB1*13:07:02+DRB1*13:30	DRB1*13:12+DRB1*13:14:02		
DRB1*13:07:02+DRB1*13:57	DRB1*13:14:02+DRB1*13:19		
DRB1*13:07:02+DRB1*13:83	DRB1*13:08+DRB1*13:14:02		
DRB1*13:07:02+DRB1*14:17	DRB1*13:11:02+DRB1*14:09	DRB1*13:14:02+DRB1*14:80	
DRB1*13:07:02+DRB1*14:30	DRB1*13:14:02+DRB1*14:09		
DRB1*13:07:02+DRB1*14:35	DRB1*13:11:02+DRB1*14:07:01G	DRB1*13:14:02+DRB1*14:01:01G	
DRB1*13:07:02+DRB1*14:53	DRB1*13:14:02+DRB1*14:25		
DRB1*13:07:02+DRB1*15:01:01G	DRB1*13:11:02+DRB1*15:11	DRB1*13:14:02+DRB1*15:07	
DRB1*13:07:02+DRB1*15:02:01	DRB1*13:14:02+DRB1*15:11		
DRB1*13:07:02+DRB1*15:09	DRB1*13:14:02+DRB1*15:48		
DRB1*13:07:02+DRB1*15:12	DRB1*13:12+DRB1*15:04	DRB1*13:21:01G+DRB1*15:07	DRB1*13:49+DRB1*15:01:01G
DRB1*13:07:02+DRB1*15:27	DRB1*13:14:02+DRB1*15:34		
DRB1*13:07:02+DRB1*16:09	DRB1*13:14:02+DRB1*16:01:01		
DRB1*13:07:02+DRB1*16:10	DRB1*13:14:02+DRB1*16:02:01		
DRB1*13:08+DRB1*13:21:01G	DRB1*13:49+DRB1*13:83		
DRB1*13:08+DRB1*13:22	DRB1*13:70+DRB1*13:83		
DRB1*13:08+DRB1*13:30	DRB1*13:12+DRB1*13:83		
DRB1*13:08+DRB1*13:34	DRB1*13:36+DRB1*13:64		
DRB1*13:08+DRB1*13:43	DRB1*13:20+DRB1*14:16		
DRB1*13:08+DRB1*13:45	DRB1*13:23+DRB1*14:16		
DRB1*13:08+DRB1*13:53	DRB1*13:19+DRB1*13:40		
DRB1*13:08+DRB1*13:57	DRB1*13:19+DRB1*13:83		
DRB1*13:08+DRB1*13:86	DRB1*13:23+DRB1*14:20		
DRB1*13:08+DRB1*13:93	DRB1*13:32+DRB1*13:83		
DRB1*13:08+DRB1*14:01:01G	DRB1*13:76+DRB1*14:32:01	DRB1*14:16+DRB1*14:23:01	
DRB1*13:08+DRB1*14:02	DRB1*13:19+DRB1*14:09	DRB1*13:36+DRB1*14:20	
DRB1*13:08+DRB1*14:03:01	DRB1*13:40+DRB1*14:40		
DRB1*13:08+DRB1*14:05:01	DRB1*13:72+DRB1*14:23:01		
DRB1*13:08+DRB1*14:06:01G	DRB1*13:19+DRB1*14:80	DRB1*13:40+DRB1*14:20	
DRB1*13:08+DRB1*14:07:01G	DRB1*14:14+DRB1*14:16		
DRB1*13:08+DRB1*14:13	DRB1*13:65+DRB1*14:20		
DRB1*13:08+DRB1*14:17	DRB1*13:83+DRB1*14:80		
DRB1*13:08+DRB1*14:18	DRB1*13:53+DRB1*14:23:03		
DRB1*13:08+DRB1*14:30	DRB1*13:83+DRB1*14:09		
DRB1*13:08+DRB1*14:35	DRB1*13:83+DRB1*14:01:01G		
DRB1*13:08+DRB1*14:42	DRB1*13:22+DRB1*14:14	DRB1*13:23+DRB1*14:23:01	
DRB1*13:08+DRB1*14:44:01	DRB1*13:72+DRB1*14:14		
DRB1*13:08+DRB1*14:53	DRB1*13:14:01G+DRB1*14:16	DRB1*13:22+DRB1*14:22	DRB1*13:83+DRB1*14:25
DRB1*13:08+DRB1*14:58	DRB1*13:70+DRB1*14:01:01G		
DRB1*13:08+DRB1*14:64	DRB1*13:79+DRB1*14:23:01		
DRB1*13:08+DRB1*14:85	DRB1*13:32+DRB1*14:40		
DRB1*13:08+DRB1*14:91	DRB1*13:84+DRB1*14:05:01		
DRB1*13:08+DRB1*14:95	DRB1*13:27+DRB1*14:23:01		
DRB1*13:08+DRB1*15:01:01G	DRB1*13:83+DRB1*15:07		
DRB1*13:08+DRB1*15:02:01	DRB1*13:83+DRB1*15:11		
DRB1*13:08+DRB1*15:09	DRB1*13:83+DRB1*15:48		
DRB1*13:08+DRB1*15:27	DRB1*13:83+DRB1*15:34		
DRB1*13:08+DRB1*15:32	DRB1*13:87+DRB1*15:07		
DRB1*13:08+DRB1*16:09	DRB1*13:83+DRB1*16:01:01		
DRB1*13:08+DRB1*16:10	DRB1*13:83+DRB1*16:02:01		
DRB1*13:09+DRB1*13:85	DRB1*13:10+DRB1*14:24		
DRB1*13:09+DRB1*14:02	DRB1*14:17+DRB1*14:24		
DRB1*13:09+DRB1*14:19	DRB1*14:21+DRB1*14:24		
DRB1*13:09+DRB1*14:27	DRB1*13:18+DRB1*14:24		
DRB1*13:09+DRB1*14:51	DRB1*14:24+DRB1*14:33		
DRB1*13:09+DRB1*15:27	DRB1*14:17+DRB1*15:02:01	DRB1*14:30+DRB1*15:01:01G	
DRB1*13:09+DRB1*15:34	DRB1*14:09+DRB1*15:01:01G	DRB1*14:17+DRB1*15:11	DRB1*14:30+DRB1*15:07
	DRB1*14:80+DRB1*15:02:01		
DRB1*13:09+DRB1*16:02:02	DRB1*13:56+DRB1*15:07		
DRB1*13:09+DRB1*16:04	DRB1*13:18+DRB1*15:11		
DRB1*13:10+DRB1*13:21:01G	DRB1*13:42+DRB1*13:66:01G		
DRB1*13:10+DRB1*13:47	DRB1*13:18+DRB1*13:37		
DRB1*13:10+DRB1*14:19	DRB1*13:85+DRB1*14:21		
DRB1*13:10+DRB1*14:27	DRB1*13:18+DRB1*13:85		
DRB1*13:10+DRB1*14:51	DRB1*13:85+DRB1*14:33		
DRB1*13:10+DRB1*14:89	DRB1*14:21+DRB1*14:67		
DRB1*13:11:01+DRB1*13:14:02	DRB1*13:11:02+DRB1*13:14:01G		
DRB1*13:11:01+DRB1*13:23	DRB1*13:14:01G+DRB1*13:22	DRB1*13:24+DRB1*13:82	
DRB1*13:11:01+DRB1*13:29	DRB1*13:14:01G+DRB1*13:20	DRB1*13:24+DRB1*13:56	
DRB1*13:11:01+DRB1*13:32	DRB1*13:42+DRB1*13:48		
DRB1*13:11:01+DRB1*13:33:01	DRB1*13:14:01G+DRB1*13:94		
DRB1*13:11:01+DRB1*13:39	DRB1*13:14:01G+DRB1*13:79		
DRB1*13:11:01+DRB1*13:40	DRB1*13:42+DRB1*13:70		
DRB1*13:11:01+DRB1*13:41	DRB1*13:14:01G+DRB1*13:27		
DRB1*13:11:01+DRB1*13:45	DRB1*13:22+DRB1*14:53		
DRB1*13:11:01+DRB1*13:56	DRB1*13:25+DRB1*13:42		
DRB1*13:11:01+DRB1*13:97	DRB1*13:14:01G+DRB1*13:52		
DRB1*13:11:01+DRB1*14:02	DRB1*13:14:01G+DRB1*14:06:01G		
DRB1*13:11:01+DRB1*14:03:01	DRB1*13:14:01G+DRB1*14:02:01G		
DRB1*13:11:01+DRB1*14:13	DRB1*13:21:01G+DRB1*14:06:01G		
DRB1*13:11:01+DRB1*14:14	DRB1*13:14:01G+DRB1*14:23:01		
DRB1*13:11:01+DRB1*14:17	DRB1*13:42+DRB1*13:44		
DRB1*13:11:01+DRB1*14:44:01	DRB1*13:14:01G+DRB1*14:05:01		
DRB1*13:11:01+DRB1*14:44:02	DRB1*13:14:01G+DRB1*14:05:03		
DRB1*13:11:01+DRB1*14:48	DRB1*13:100+DRB1*14:06:01G		
DRB1*13:11:01+DRB1*14:49	DRB1*14:20+DRB1*14:53		
DRB1*13:11:01+DRB1*14:63	DRB1*13:14:01G+DRB1*14:78		
DRB1*13:11:01+DRB1*14:85	DRB1*13:21:01G+DRB1*14:02:01G		
DRB1*13:11:01+DRB1*14:89	DRB1*13:44+DRB1*14:27		
DRB1*13:11:01+DRB1*15:01:01G	DRB1*13:11:02+DRB1*15:01:04		
DRB1*13:11:01+DRB1*15:02:01	DRB1*13:11:02+DRB1*15:02:02G	DRB1*13:14:01G+DRB1*15:01:01G	DRB1*13:14:02+DRB1*15:01:04
	DRB1*13:82+DRB1*15:04		
DRB1*13:11:01+DRB1*15:02:02G	DRB1*13:14:01G+DRB1*15:01:04		
DRB1*13:11:01+DRB1*15:02:04	DRB1*13:14:01G+DRB1*15:01:09		
DRB1*13:11:01+DRB1*15:02:06	DRB1*13:14:01G+DRB1*15:01:03		
DRB1*13:11:01+DRB1*15:02:08	DRB1*13:14:01G+DRB1*15:01:10		
DRB1*13:11:01+DRB1*15:15	DRB1*13:14:01G+DRB1*15:04		
DRB1*13:11:01+DRB1*15:31	DRB1*13:14:01G+DRB1*15:05	DRB1*13:25+DRB1*15:04	
DRB1*13:11:01+DRB1*15:34	DRB1*13:44+DRB1*16:01:02		

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DRB1*13:11:01+DRB1*16:01:01	DRB1*13:14:01G+DRB1*16:15	
DRB1*13:11:01+DRB1*16:02:01	DRB1*13:25+DRB1*16:15	
DRB1*13:11:01+DRB1*16:05:01	DRB1*13:82+DRB1*16:15	
DRB1*13:11:02+DRB1*13:23	DRB1*13:14:02+DRB1*13:22	
DRB1*13:11:02+DRB1*13:29	DRB1*13:14:02+DRB1*13:20	
DRB1*13:11:02+DRB1*13:33:01	DRB1*13:14:02+DRB1*13:94	
DRB1*13:11:02+DRB1*13:39	DRB1*13:14:02+DRB1*13:79	
DRB1*13:11:02+DRB1*13:41	DRB1*13:14:02+DRB1*13:27	
DRB1*13:11:02+DRB1*13:97	DRB1*13:14:02+DRB1*13:52	
DRB1*13:11:02+DRB1*14:02	DRB1*13:14:02+DRB1*14:06:01G	
DRB1*13:11:02+DRB1*14:03:01	DRB1*13:14:02+DRB1*14:02:01G	
DRB1*13:11:02+DRB1*14:14	DRB1*13:14:02+DRB1*14:23:01	
DRB1*13:11:02+DRB1*14:30	DRB1*13:14:02+DRB1*14:17	
DRB1*13:11:02+DRB1*14:44:01	DRB1*13:14:02+DRB1*14:05:01	
DRB1*13:11:02+DRB1*14:44:02	DRB1*13:14:02+DRB1*14:05:03	
DRB1*13:11:02+DRB1*14:63	DRB1*13:14:02+DRB1*14:78	
DRB1*13:11:02+DRB1*14:68	DRB1*13:14:02+DRB1*14:04	
DRB1*13:11:02+DRB1*15:02:01	DRB1*13:14:02+DRB1*15:01:01G	
DRB1*13:11:02+DRB1*15:02:04	DRB1*13:14:02+DRB1*15:01:09	
DRB1*13:11:02+DRB1*15:02:06	DRB1*13:14:02+DRB1*15:01:03	
DRB1*13:11:02+DRB1*15:02:08	DRB1*13:14:02+DRB1*15:01:10	
DRB1*13:11:02+DRB1*15:15	DRB1*13:14:02+DRB1*15:04	
DRB1*13:11:02+DRB1*15:31	DRB1*13:14:02+DRB1*15:05	
DRB1*13:11:02+DRB1*16:01:01	DRB1*13:14:02+DRB1*16:15	
DRB1*13:12+DRB1*13:15	DRB1*13:30+DRB1*13:53	
DRB1*13:12+DRB1*13:20	DRB1*13:25+DRB1*13:32	DRB1*13:48+DRB1*13:56
DRB1*13:12+DRB1*13:21:01G	DRB1*13:30+DRB1*13:49	
DRB1*13:12+DRB1*13:22	DRB1*13:30+DRB1*13:70	DRB1*13:48+DRB1*13:82
DRB1*13:12+DRB1*13:23	DRB1*13:38+DRB1*13:82	
DRB1*13:12+DRB1*13:29	DRB1*13:25+DRB1*13:65	DRB1*13:38+DRB1*13:56
DRB1*13:12+DRB1*13:43	DRB1*13:93+DRB1*14:69	
DRB1*13:12+DRB1*13:54	DRB1*13:48+DRB1*13:100	
DRB1*13:12+DRB1*13:55	DRB1*13:13+DRB1*13:49	
DRB1*13:12+DRB1*13:57	DRB1*13:19+DRB1*13:30	
DRB1*13:12+DRB1*13:93	DRB1*13:30+DRB1*13:32	
DRB1*13:12+DRB1*14:17	DRB1*13:30+DRB1*14:80	
DRB1*13:12+DRB1*14:29	DRB1*13:58+DRB1*14:02	
DRB1*13:12+DRB1*14:30	DRB1*13:30+DRB1*14:09	
DRB1*13:12+DRB1*14:35	DRB1*13:30+DRB1*14:01:01G	
DRB1*13:12+DRB1*14:53	DRB1*13:30+DRB1*14:25	
DRB1*13:12+DRB1*14:55	DRB1*13:13+DRB1*14:32:02	
DRB1*13:12+DRB1*14:89	DRB1*13:13+DRB1*14:02	
DRB1*13:12+DRB1*14:99	DRB1*13:58+DRB1*14:07:01G	
DRB1*13:12+DRB1*15:01:01G	DRB1*13:30+DRB1*15:07	
DRB1*13:12+DRB1*15:02:01	DRB1*13:30+DRB1*15:11	
DRB1*13:12+DRB1*15:09	DRB1*13:30+DRB1*15:48	
DRB1*13:12+DRB1*15:15	DRB1*13:21:01G+DRB1*15:11	DRB1*13:49+DRB1*15:02:01
DRB1*13:12+DRB1*15:27	DRB1*13:30+DRB1*15:34	
DRB1*13:12+DRB1*15:35	DRB1*13:58+DRB1*15:02:01	
DRB1*13:12+DRB1*16:01:01	DRB1*13:49+DRB1*16:05:01	
DRB1*13:12+DRB1*16:04	DRB1*13:13+DRB1*16:01:02	
DRB1*13:12+DRB1*16:09	DRB1*13:21:01G+DRB1*16:05:01	DRB1*13:30+DRB1*16:01:01
DRB1*13:12+DRB1*16:10	DRB1*13:30+DRB1*16:02:01	
DRB1*13:13+DRB1*13:14:01G	DRB1*13:30+DRB1*13:47	DRB1*13:55+DRB1*13:82
DRB1*13:13+DRB1*13:21:01G	DRB1*13:30+DRB1*13:55	
DRB1*13:13+DRB1*13:53	DRB1*13:48+DRB1*14:67	DRB1*13:70+DRB1*14:63
DRB1*13:13+DRB1*14:27	DRB1*13:47+DRB1*14:63	DRB1*13:55+DRB1*14:67
DRB1*13:13+DRB1*14:29	DRB1*13:58+DRB1*14:89	
DRB1*13:13+DRB1*15:04	DRB1*13:55+DRB1*15:01:01G	
DRB1*13:13+DRB1*15:10	DRB1*13:38+DRB1*15:21	
DRB1*13:13+DRB1*15:15	DRB1*13:55+DRB1*15:02:01	
DRB1*13:13+DRB1*16:01:01	DRB1*13:55+DRB1*16:05:01	
DRB1*13:14:01G+DRB1*13:29	DRB1*13:25+DRB1*13:63	
DRB1*13:14:01G+DRB1*13:30	DRB1*13:21:01G+DRB1*13:82	
DRB1*13:14:01G+DRB1*13:38	DRB1*13:23+DRB1*13:49	
DRB1*13:14:01G+DRB1*13:43	DRB1*13:20+DRB1*14:53	
DRB1*13:14:01G+DRB1*13:45	DRB1*13:23+DRB1*14:53	
DRB1*13:14:01G+DRB1*13:54	DRB1*13:24+DRB1*13:100	
DRB1*13:14:01G+DRB1*13:55	DRB1*13:21:01G+DRB1*13:47	
DRB1*13:14:01G+DRB1*13:69	DRB1*13:22+DRB1*13:50:02	
DRB1*13:14:01G+DRB1*13:75	DRB1*13:21:01G+DRB1*13:24	
DRB1*13:14:01G+DRB1*13:87	DRB1*13:50:01+DRB1*13:83	
DRB1*13:14:01G+DRB1*14:03:01	DRB1*13:25+DRB1*14:27	
DRB1*13:14:01G+DRB1*14:07:01G	DRB1*14:14+DRB1*14:53	DRB1*14:22+DRB1*14:42
DRB1*13:14:01G+DRB1*14:13	DRB1*13:21:01G+DRB1*14:02	
DRB1*13:14:01G+DRB1*14:48	DRB1*13:100+DRB1*14:02	
DRB1*13:14:01G+DRB1*14:49	DRB1*13:86+DRB1*14:22	
DRB1*13:14:01G+DRB1*14:63	DRB1*13:21:01G+DRB1*14:67	DRB1*13:30+DRB1*14:27
DRB1*13:14:01G+DRB1*14:67	DRB1*13:82+DRB1*14:27	
DRB1*13:14:01G+DRB1*14:69	DRB1*13:25+DRB1*14:25	
DRB1*13:14:01G+DRB1*14:85	DRB1*13:21:01G+DRB1*14:03:01	
DRB1*13:14:01G+DRB1*15:02:01	DRB1*13:14:02+DRB1*15:02:02G	DRB1*13:82+DRB1*15:15
DRB1*13:14:01G+DRB1*15:12	DRB1*13:21:01G+DRB1*15:01:04	
DRB1*13:14:01G+DRB1*15:31	DRB1*13:25+DRB1*15:15	
DRB1*13:14:01G+DRB1*15:32	DRB1*13:50:01+DRB1*15:01:01G	
DRB1*13:14:01G+DRB1*16:02:02	DRB1*13:25+DRB1*16:01:02	
DRB1*13:14:01G+DRB1*16:05:01	DRB1*13:82+DRB1*16:01:01	
DRB1*13:14:01G+DRB1*16:10	DRB1*13:25+DRB1*16:09	
DRB1*13:14:02+DRB1*15:12	DRB1*13:21:01G+DRB1*15:01:01G	DRB1*13:30+DRB1*15:04
DRB1*13:15+DRB1*13:19	DRB1*13:53+DRB1*13:57	
DRB1*13:15+DRB1*13:32	DRB1*13:53+DRB1*13:93	
DRB1*13:15+DRB1*13:37	DRB1*13:22+DRB1*13:85	
DRB1*13:15+DRB1*13:47	DRB1*13:22+DRB1*14:27	DRB1*13:24+DRB1*14:67
DRB1*13:15+DRB1*13:49	DRB1*13:21:01G+DRB1*13:53	
DRB1*13:15+DRB1*13:70	DRB1*13:22+DRB1*13:53	
DRB1*13:15+DRB1*14:01:01G	DRB1*13:53+DRB1*14:35	
DRB1*13:15+DRB1*14:20	DRB1*13:57+DRB1*14:06:01G	
DRB1*13:15+DRB1*14:23:03	DRB1*13:83+DRB1*14:18	
DRB1*13:15+DRB1*14:25	DRB1*13:53+DRB1*14:53	
DRB1*13:15+DRB1*14:40	DRB1*13:57+DRB1*14:03:01	
DRB1*13:15+DRB1*15:07	DRB1*13:53+DRB1*15:01:01G	
DRB1*13:15+DRB1*15:11	DRB1*13:53+DRB1*15:02:01	DRB1*14:24+DRB1*15:10
DRB1*13:15+DRB1*15:34	DRB1*13:53+DRB1*15:27	DRB1*14:02+DRB1*15:10
DRB1*13:15+DRB1*15:48	DRB1*13:53+DRB1*15:09	
DRB1*13:15+DRB1*16:01:01	DRB1*13:53+DRB1*16:09	

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DRB1*13:15+DRB1*16:02:01	DRB1*13:53+DRB1*16:10		
DRB1*13:15+DRB1*16:04	DRB1*14:27+DRB1*15:10		
DRB1*13:17+DRB1*14:01:01G	DRB1*13:22+DRB1*14:04		
DRB1*13:17+DRB1*14:02	DRB1*13:23+DRB1*14:52		
DRB1*13:17+DRB1*14:06:01G	DRB1*13:22+DRB1*14:52		
DRB1*13:17+DRB1*14:07:01G	DRB1*13:22+DRB1*14:68	DRB1*13:23+DRB1*14:04	
DRB1*13:17+DRB1*14:32:02	DRB1*13:22+DRB1*14:31		
DRB1*13:17+DRB1*14:38	DRB1*13:22+DRB1*14:50		
DRB1*13:17+DRB1*14:99	DRB1*13:22+DRB1*14:28		
DRB1*13:18+DRB1*13:49	DRB1*13:42+DRB1*13:55		
DRB1*13:18+DRB1*14:02	DRB1*13:42+DRB1*14:89	DRB1*14:17+DRB1*14:27	
DRB1*13:18+DRB1*14:19	DRB1*14:21+DRB1*14:27		
DRB1*13:18+DRB1*14:32:02	DRB1*13:42+DRB1*14:55		
DRB1*13:18+DRB1*14:51	DRB1*14:27+DRB1*14:33		
DRB1*13:18+DRB1*15:34	DRB1*14:17+DRB1*16:04		
DRB1*13:18+DRB1*16:01:02	DRB1*13:42+DRB1*16:04		
DRB1*13:19+DRB1*13:21:01G	DRB1*13:49+DRB1*13:57		
DRB1*13:19+DRB1*13:22	DRB1*13:57+DRB1*13:70		
DRB1*13:19+DRB1*13:44	DRB1*13:22+DRB1*14:20		
DRB1*13:19+DRB1*13:93	DRB1*13:32+DRB1*13:57		
DRB1*13:19+DRB1*14:03:01	DRB1*13:53+DRB1*14:40		
DRB1*13:19+DRB1*14:06:01G	DRB1*13:53+DRB1*14:20		
DRB1*13:19+DRB1*14:35	DRB1*13:57+DRB1*14:01:01G		
DRB1*13:19+DRB1*14:53	DRB1*13:57+DRB1*14:25		
DRB1*13:19+DRB1*15:01:01G	DRB1*13:57+DRB1*15:07		
DRB1*13:19+DRB1*15:02:01	DRB1*13:57+DRB1*15:11		
DRB1*13:19+DRB1*15:09	DRB1*13:57+DRB1*15:48		
DRB1*13:19+DRB1*15:27	DRB1*13:57+DRB1*15:34		
DRB1*13:19+DRB1*16:09	DRB1*13:57+DRB1*16:01:01		
DRB1*13:19+DRB1*16:10	DRB1*13:57+DRB1*16:02:01		
DRB1*13:20+DRB1*13:21:01G	DRB1*13:56+DRB1*13:75		
DRB1*13:20+DRB1*13:23	DRB1*13:22+DRB1*13:29		
DRB1*13:20+DRB1*13:33:01	DRB1*13:29+DRB1*13:94		
DRB1*13:20+DRB1*13:33:02G	DRB1*13:61+DRB1*13:88		
DRB1*13:20+DRB1*13:36	DRB1*13:29+DRB1*13:40		
DRB1*13:20+DRB1*13:38	DRB1*13:29+DRB1*13:48		
DRB1*13:20+DRB1*13:45	DRB1*13:23+DRB1*13:43		
DRB1*13:20+DRB1*13:65	DRB1*13:29+DRB1*13:32		
DRB1*13:20+DRB1*13:97	DRB1*13:29+DRB1*13:52		
DRB1*13:20+DRB1*13:100	DRB1*13:46+DRB1*13:78	DRB1*13:54+DRB1*13:56	
DRB1*13:20+DRB1*14:01:01G	DRB1*13:43+DRB1*14:23:01		
DRB1*13:20+DRB1*14:02	DRB1*13:29+DRB1*14:06:01G		
DRB1*13:20+DRB1*14:03:01	DRB1*13:29+DRB1*14:02:01G		
DRB1*13:20+DRB1*14:07:01G	DRB1*13:29+DRB1*14:01:01G	DRB1*13:43+DRB1*14:14	
DRB1*13:20+DRB1*14:09	DRB1*13:29+DRB1*14:80		
DRB1*13:20+DRB1*14:14	DRB1*13:29+DRB1*14:23:01		
DRB1*13:20+DRB1*14:22	DRB1*13:63+DRB1*14:74		
DRB1*13:20+DRB1*14:27	DRB1*13:63+DRB1*14:02:01G		
DRB1*13:20+DRB1*14:30	DRB1*13:29+DRB1*14:17		
DRB1*13:20+DRB1*14:44:01	DRB1*13:29+DRB1*14:05:01		
DRB1*13:20+DRB1*14:44:02	DRB1*13:29+DRB1*14:05:03		
DRB1*13:20+DRB1*14:68	DRB1*13:29+DRB1*14:04		
DRB1*13:20+DRB1*14:78	DRB1*13:93+DRB1*14:02:01G		
DRB1*13:20+DRB1*14:82	DRB1*13:71+DRB1*14:01:01G		
DRB1*13:20+DRB1*15:02:02G	DRB1*13:29+DRB1*15:01:04		
DRB1*13:20+DRB1*15:02:04	DRB1*13:29+DRB1*15:01:09		
DRB1*13:20+DRB1*15:02:08	DRB1*13:29+DRB1*15:01:10		
DRB1*13:20+DRB1*15:07	DRB1*13:40+DRB1*15:05		
DRB1*13:20+DRB1*15:11	DRB1*13:29+DRB1*15:07	DRB1*13:36+DRB1*15:05	DRB1*13:40+DRB1*15:31
DRB1*13:20+DRB1*15:15	DRB1*13:29+DRB1*15:04	DRB1*13:63+DRB1*15:05	
DRB1*13:20+DRB1*15:24	DRB1*13:92+DRB1*15:05		
DRB1*13:20+DRB1*15:31	DRB1*13:29+DRB1*15:05		
DRB1*13:20+DRB1*15:38	DRB1*13:78+DRB1*15:02:02G		
DRB1*13:20+DRB1*16:01:01	DRB1*13:29+DRB1*16:15		
DRB1*13:21:01G+DRB1*13:32	DRB1*13:49+DRB1*13:93		
DRB1*13:21:01G+DRB1*13:54	DRB1*13:75+DRB1*13:100		
DRB1*13:21:01G+DRB1*14:01:01G	DRB1*13:49+DRB1*14:35		
DRB1*13:21:01G+DRB1*14:09	DRB1*13:49+DRB1*14:30		
DRB1*13:21:01G+DRB1*14:25	DRB1*13:49+DRB1*14:53		
DRB1*13:21:01G+DRB1*14:32:02	DRB1*14:25+DRB1*14:65		
DRB1*13:21:01G+DRB1*14:48	DRB1*13:100+DRB1*14:13		
DRB1*13:21:01G+DRB1*14:80	DRB1*13:49+DRB1*14:17		
DRB1*13:21:01G+DRB1*15:02:01	DRB1*13:30+DRB1*15:15		
DRB1*13:21:01G+DRB1*15:34	DRB1*13:49+DRB1*15:27		
DRB1*13:21:01G+DRB1*15:48	DRB1*13:49+DRB1*15:09		
DRB1*13:21:01G+DRB1*16:01:01	DRB1*13:49+DRB1*16:09		
DRB1*13:21:01G+DRB1*16:02:01	DRB1*13:49+DRB1*16:10		
DRB1*13:22+DRB1*13:33:01	DRB1*13:23+DRB1*13:94		
DRB1*13:22+DRB1*13:38	DRB1*13:23+DRB1*13:48		
DRB1*13:22+DRB1*13:39	DRB1*13:23+DRB1*13:79		
DRB1*13:22+DRB1*13:41	DRB1*13:23+DRB1*13:27		
DRB1*13:22+DRB1*13:97	DRB1*13:23+DRB1*13:52		
DRB1*13:22+DRB1*13:100	DRB1*13:54+DRB1*13:82		
DRB1*13:22+DRB1*14:01:01G	DRB1*13:70+DRB1*14:35	DRB1*13:83+DRB1*14:58	
DRB1*13:22+DRB1*14:02	DRB1*13:23+DRB1*14:06:01G	DRB1*13:40+DRB1*13:86	
DRB1*13:22+DRB1*14:03:01	DRB1*13:23+DRB1*14:02:01G		
DRB1*13:22+DRB1*14:06:01G	DRB1*13:44+DRB1*13:53		
DRB1*13:22+DRB1*14:07:01G	DRB1*13:23+DRB1*14:01:01G	DRB1*13:45+DRB1*14:23:01	DRB1*14:16+DRB1*14:42
DRB1*13:22+DRB1*14:09	DRB1*13:23+DRB1*14:80	DRB1*13:36+DRB1*13:44	DRB1*13:70+DRB1*14:30
DRB1*13:22+DRB1*14:25	DRB1*13:70+DRB1*14:53		
DRB1*13:22+DRB1*14:44:01	DRB1*13:23+DRB1*14:05:01	DRB1*13:72+DRB1*14:42	
DRB1*13:22+DRB1*14:44:02	DRB1*13:23+DRB1*14:05:03		
DRB1*13:22+DRB1*14:49	DRB1*13:45+DRB1*14:20	DRB1*13:86+DRB1*14:16	
DRB1*13:22+DRB1*14:80	DRB1*13:40+DRB1*13:44	DRB1*13:70+DRB1*14:17	
DRB1*13:22+DRB1*14:94	DRB1*13:84+DRB1*13:86		
DRB1*13:22+DRB1*15:02:01	DRB1*13:23+DRB1*15:01:01G		
DRB1*13:22+DRB1*15:02:02G	DRB1*13:23+DRB1*15:01:04		
DRB1*13:22+DRB1*15:02:04	DRB1*13:23+DRB1*15:01:09		
DRB1*13:22+DRB1*15:02:06	DRB1*13:23+DRB1*15:01:03		
DRB1*13:22+DRB1*15:02:08	DRB1*13:23+DRB1*15:01:10		
DRB1*13:22+DRB1*15:04	DRB1*13:24+DRB1*15:01:01G		
DRB1*13:22+DRB1*15:07	DRB1*13:70+DRB1*15:01:01G		
DRB1*13:22+DRB1*15:11	DRB1*13:23+DRB1*15:07	DRB1*13:70+DRB1*15:02:01	
DRB1*13:22+DRB1*15:15	DRB1*13:23+DRB1*15:04	DRB1*13:24+DRB1*15:02:01	
DRB1*13:22+DRB1*15:31	DRB1*13:23+DRB1*15:05		

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DRB1*13:22+DRB1*15:34	DRB1*13:70+DRB1*15:27		
DRB1*13:22+DRB1*15:48	DRB1*13:70+DRB1*15:09		
DRB1*13:22+DRB1*16:01:01	DRB1*13:23+DRB1*16:15	DRB1*13:24+DRB1*16:05:01	DRB1*13:70+DRB1*16:09
DRB1*13:22+DRB1*16:02:01	DRB1*13:70+DRB1*16:10		
DRB1*13:22+DRB1*16:04	DRB1*13:47+DRB1*15:10		
DRB1*13:23+DRB1*14:02	DRB1*13:36+DRB1*13:86		
DRB1*13:23+DRB1*14:07:01G	DRB1*13:45+DRB1*14:14		
DRB1*13:23+DRB1*14:13	DRB1*13:65+DRB1*13:86		
DRB1*13:23+DRB1*14:64	DRB1*13:79+DRB1*14:42		
DRB1*13:23+DRB1*14:74	DRB1*13:25+DRB1*14:16	DRB1*13:83+DRB1*14:69	
DRB1*13:23+DRB1*14:95	DRB1*13:27+DRB1*14:42		
DRB1*13:24+DRB1*13:32	DRB1*13:40+DRB1*13:75		
DRB1*13:24+DRB1*13:36	DRB1*13:63+DRB1*13:70		
DRB1*13:24+DRB1*13:48	DRB1*13:70+DRB1*13:75		
DRB1*13:24+DRB1*13:55	DRB1*13:47+DRB1*13:75		
DRB1*13:24+DRB1*13:65	DRB1*13:36+DRB1*13:75	DRB1*13:48+DRB1*13:63	
DRB1*13:24+DRB1*14:13	DRB1*13:75+DRB1*14:02		
DRB1*13:24+DRB1*14:30	DRB1*13:44+DRB1*13:63		
DRB1*13:24+DRB1*14:48	DRB1*13:54+DRB1*14:02		
DRB1*13:24+DRB1*14:85	DRB1*13:75+DRB1*14:03:01		
DRB1*13:24+DRB1*15:07	DRB1*13:70+DRB1*15:04		
DRB1*13:24+DRB1*15:11	DRB1*13:70+DRB1*15:15		
DRB1*13:24+DRB1*15:12	DRB1*13:75+DRB1*15:01:04		
DRB1*13:25+DRB1*13:27	DRB1*13:71+DRB1*13:82		
DRB1*13:25+DRB1*13:40	DRB1*13:56+DRB1*13:70		
DRB1*13:25+DRB1*13:79	DRB1*13:78+DRB1*13:82		
DRB1*13:25+DRB1*14:01:01G	DRB1*14:42+DRB1*14:74		
DRB1*13:25+DRB1*14:17	DRB1*13:44+DRB1*13:56		
DRB1*13:25+DRB1*14:45	DRB1*13:82+DRB1*14:05:01		
DRB1*13:25+DRB1*14:63	DRB1*13:30+DRB1*14:03:01	DRB1*13:82+DRB1*14:85	
DRB1*13:25+DRB1*14:67	DRB1*13:82+DRB1*14:03:01		
DRB1*13:25+DRB1*14:78	DRB1*13:30+DRB1*14:02:01G		
DRB1*13:25+DRB1*15:01:01G	DRB1*13:82+DRB1*15:05		
DRB1*13:25+DRB1*15:02:01	DRB1*13:82+DRB1*15:31		
DRB1*13:25+DRB1*15:03:01G	DRB1*13:82+DRB1*15:23		
DRB1*13:25+DRB1*16:05:01	DRB1*13:82+DRB1*16:02:01		
DRB1*13:26+DRB1*15:02:02G	DRB1*14:24+DRB1*16:09		
DRB1*13:27+DRB1*13:33:01	DRB1*13:41+DRB1*13:94		
DRB1*13:27+DRB1*13:36	DRB1*13:40+DRB1*13:41		
DRB1*13:27+DRB1*13:38	DRB1*13:41+DRB1*13:48		
DRB1*13:27+DRB1*13:39	DRB1*13:41+DRB1*13:79		
DRB1*13:27+DRB1*13:65	DRB1*13:32+DRB1*13:41		
DRB1*13:27+DRB1*13:78	DRB1*13:71+DRB1*13:79		
DRB1*13:27+DRB1*13:97	DRB1*13:41+DRB1*13:52		
DRB1*13:27+DRB1*14:02	DRB1*13:41+DRB1*14:06:01G		
DRB1*13:27+DRB1*14:03:01	DRB1*13:41+DRB1*14:02:01G	DRB1*13:71+DRB1*14:67	
DRB1*13:27+DRB1*14:05:01	DRB1*13:71+DRB1*14:45	DRB1*13:72+DRB1*14:95	
DRB1*13:27+DRB1*14:09	DRB1*13:41+DRB1*14:80		
DRB1*13:27+DRB1*14:14	DRB1*13:41+DRB1*14:23:01		
DRB1*13:27+DRB1*14:26	DRB1*13:92+DRB1*14:82		
DRB1*13:27+DRB1*14:30	DRB1*13:41+DRB1*14:17		
DRB1*13:27+DRB1*14:44:01	DRB1*13:41+DRB1*14:05:01		
DRB1*13:27+DRB1*14:44:02	DRB1*13:41+DRB1*14:05:03		
DRB1*13:27+DRB1*14:63	DRB1*13:41+DRB1*14:78		
DRB1*13:27+DRB1*14:64	DRB1*13:79+DRB1*14:95		
DRB1*13:27+DRB1*14:68	DRB1*13:41+DRB1*14:04		
DRB1*13:27+DRB1*14:85	DRB1*13:71+DRB1*14:63		
DRB1*13:27+DRB1*15:02:01	DRB1*13:41+DRB1*15:01:01G		
DRB1*13:27+DRB1*15:02:02G	DRB1*13:41+DRB1*15:01:04		
DRB1*13:27+DRB1*15:02:04	DRB1*13:41+DRB1*15:01:09		
DRB1*13:27+DRB1*15:02:06	DRB1*13:41+DRB1*15:01:03		
DRB1*13:27+DRB1*15:02:08	DRB1*13:41+DRB1*15:01:10		
DRB1*13:27+DRB1*15:05	DRB1*13:71+DRB1*15:01:01G		
DRB1*13:27+DRB1*15:11	DRB1*13:41+DRB1*15:07		
DRB1*13:27+DRB1*15:15	DRB1*13:41+DRB1*15:04		
DRB1*13:27+DRB1*15:23	DRB1*13:71+DRB1*15:03:01G		
DRB1*13:27+DRB1*15:31	DRB1*13:41+DRB1*15:05	DRB1*13:71+DRB1*15:02:01	
DRB1*13:27+DRB1*16:01:01	DRB1*13:41+DRB1*16:15		
DRB1*13:27+DRB1*16:02:01	DRB1*13:71+DRB1*16:05:01		
DRB1*13:29+DRB1*13:33:01	DRB1*13:88+DRB1*13:96		
DRB1*13:29+DRB1*14:25	DRB1*13:63+DRB1*14:69		
DRB1*13:29+DRB1*14:27	DRB1*13:63+DRB1*14:03:01		
DRB1*13:29+DRB1*14:82	DRB1*13:71+DRB1*14:07:01G		
DRB1*13:29+DRB1*15:11	DRB1*13:36+DRB1*15:31		
DRB1*13:29+DRB1*15:15	DRB1*13:63+DRB1*15:31		
DRB1*13:29+DRB1*15:24	DRB1*13:92+DRB1*15:31		
DRB1*13:29+DRB1*15:37	DRB1*13:96+DRB1*15:05		
DRB1*13:29+DRB1*16:01:01	DRB1*13:63+DRB1*16:02:01		
DRB1*13:29+DRB1*16:01:02	DRB1*13:63+DRB1*16:02:02		
DRB1*13:29+DRB1*16:09	DRB1*13:63+DRB1*16:10		
DRB1*13:30+DRB1*13:81	DRB1*13:58+DRB1*13:66:01G		
DRB1*13:30+DRB1*14:02	DRB1*13:82+DRB1*14:13		
DRB1*13:30+DRB1*14:19	DRB1*13:66:01G+DRB1*14:02		
DRB1*13:30+DRB1*14:21	DRB1*13:66:01G+DRB1*14:17		
DRB1*13:30+DRB1*14:67	DRB1*13:82+DRB1*14:63		
DRB1*13:30+DRB1*15:01:04	DRB1*13:82+DRB1*15:12		
DRB1*13:31+DRB1*13:49	DRB1*13:46+DRB1*13:65		
DRB1*13:32+DRB1*13:33:01	DRB1*13:65+DRB1*13:94		
DRB1*13:32+DRB1*13:36	DRB1*13:40+DRB1*13:65		
DRB1*13:32+DRB1*13:38	DRB1*13:48+DRB1*13:65		
DRB1*13:32+DRB1*13:39	DRB1*13:65+DRB1*13:79		
DRB1*13:32+DRB1*13:70	DRB1*13:40+DRB1*13:48		
DRB1*13:32+DRB1*13:97	DRB1*13:52+DRB1*13:65		
DRB1*13:32+DRB1*14:02	DRB1*13:40+DRB1*14:13	DRB1*13:65+DRB1*14:06:01G	
DRB1*13:32+DRB1*14:03:01	DRB1*13:40+DRB1*14:85	DRB1*13:65+DRB1*14:02:01G	
DRB1*13:32+DRB1*14:07:01G	DRB1*13:65+DRB1*14:01:01G		
DRB1*13:32+DRB1*14:09	DRB1*13:65+DRB1*14:80		
DRB1*13:32+DRB1*14:14	DRB1*13:65+DRB1*14:23:01		
DRB1*13:32+DRB1*14:17	DRB1*13:93+DRB1*14:80		
DRB1*13:32+DRB1*14:30	DRB1*13:65+DRB1*14:17	DRB1*13:93+DRB1*14:09	
DRB1*13:32+DRB1*14:35	DRB1*13:93+DRB1*14:01:01G		
DRB1*13:32+DRB1*14:44:01	DRB1*13:65+DRB1*14:05:01		
DRB1*13:32+DRB1*14:44:02	DRB1*13:65+DRB1*14:05:03		
DRB1*13:32+DRB1*14:49	DRB1*14:13+DRB1*14:16		
DRB1*13:32+DRB1*14:53	DRB1*13:93+DRB1*14:25		

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DRB1*13:32+DRB1*14:63	DRB1*13:65+DRB1*14:78	
DRB1*13:32+DRB1*14:67	DRB1*13:36+DRB1*14:78	DRB1*13:40+DRB1*14:63
DRB1*13:32+DRB1*14:68	DRB1*13:65+DRB1*14:04	
DRB1*13:32+DRB1*14:94	DRB1*13:84+DRB1*14:13	
DRB1*13:32+DRB1*15:01:01G	DRB1*13:93+DRB1*15:07	
DRB1*13:32+DRB1*15:01:04	DRB1*13:40+DRB1*15:12	
DRB1*13:32+DRB1*15:02:01	DRB1*13:65+DRB1*15:01:01G	DRB1*13:93+DRB1*15:11
DRB1*13:32+DRB1*15:02:02G	DRB1*13:36+DRB1*15:12	DRB1*13:65+DRB1*15:01:04
DRB1*13:32+DRB1*15:02:04	DRB1*13:65+DRB1*15:01:09	
DRB1*13:32+DRB1*15:02:06	DRB1*13:65+DRB1*15:01:03	
DRB1*13:32+DRB1*15:02:08	DRB1*13:65+DRB1*15:01:10	
DRB1*13:32+DRB1*15:09	DRB1*13:93+DRB1*15:48	
DRB1*13:32+DRB1*15:11	DRB1*13:65+DRB1*15:07	
DRB1*13:32+DRB1*15:15	DRB1*13:65+DRB1*15:04	
DRB1*13:32+DRB1*15:27	DRB1*13:93+DRB1*15:34	
DRB1*13:32+DRB1*15:31	DRB1*13:65+DRB1*15:05	
DRB1*13:32+DRB1*16:01:01	DRB1*13:65+DRB1*16:15	
DRB1*13:32+DRB1*16:09	DRB1*13:93+DRB1*16:01:01	
DRB1*13:32+DRB1*16:10	DRB1*13:93+DRB1*16:02:01	
DRB1*13:33:01+DRB1*13:40	DRB1*13:36+DRB1*13:94	
DRB1*13:33:01+DRB1*13:48	DRB1*13:38+DRB1*13:94	
DRB1*13:33:01+DRB1*13:52	DRB1*13:94+DRB1*13:97	
DRB1*13:33:01+DRB1*13:79	DRB1*13:39+DRB1*13:94	
DRB1*13:33:01+DRB1*14:01:01G	DRB1*13:94+DRB1*14:07:01G	
DRB1*13:33:01+DRB1*14:04	DRB1*13:94+DRB1*14:68	
DRB1*13:33:01+DRB1*14:05:01	DRB1*13:94+DRB1*14:44:01	
DRB1*13:33:01+DRB1*14:05:03	DRB1*13:94+DRB1*14:44:02	
DRB1*13:33:01+DRB1*14:06:01G	DRB1*13:94+DRB1*14:02	
DRB1*13:33:01+DRB1*14:02:01G	DRB1*13:94+DRB1*14:03:01	
DRB1*13:33:01+DRB1*14:17	DRB1*13:94+DRB1*14:30	
DRB1*13:33:01+DRB1*14:23:01	DRB1*13:94+DRB1*14:14	
DRB1*13:33:01+DRB1*14:78	DRB1*13:94+DRB1*14:63	
DRB1*13:33:01+DRB1*14:80	DRB1*13:94+DRB1*14:09	
DRB1*13:33:01+DRB1*15:01:03	DRB1*13:94+DRB1*15:02:06	
DRB1*13:33:01+DRB1*15:01:04	DRB1*13:94+DRB1*15:02:02G	
DRB1*13:33:01+DRB1*15:01:09	DRB1*13:94+DRB1*15:02:04	
DRB1*13:33:01+DRB1*15:01:10	DRB1*13:94+DRB1*15:02:08	
DRB1*13:33:01+DRB1*15:04	DRB1*13:94+DRB1*15:15	
DRB1*13:33:01+DRB1*15:05	DRB1*13:88+DRB1*15:37	DRB1*13:94+DRB1*15:31
DRB1*13:33:01+DRB1*15:07	DRB1*13:94+DRB1*15:11	
DRB1*13:33:01+DRB1*16:15	DRB1*13:94+DRB1*16:01:01	
DRB1*13:33:02G+DRB1*14:06:01G	DRB1*13:89+DRB1*14:47	
DRB1*13:33:02G+DRB1*14:02:01G	DRB1*13:89+DRB1*14:98	
DRB1*13:33:02G+DRB1*14:29	DRB1*13:81+DRB1*14:47	
DRB1*13:36+DRB1*13:48	DRB1*13:38+DRB1*13:40	DRB1*13:65+DRB1*13:70
DRB1*13:36+DRB1*13:52	DRB1*13:40+DRB1*13:97	
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DRB1*13:36+DRB1*13:79	DRB1*13:39+DRB1*13:40	
DRB1*13:36+DRB1*14:01:01G	DRB1*13:40+DRB1*14:07:01G	
DRB1*13:36+DRB1*14:04	DRB1*13:40+DRB1*14:68	
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DRB1*13:36+DRB1*14:05:03	DRB1*13:40+DRB1*14:44:02	
DRB1*13:36+DRB1*14:06:01G	DRB1*13:40+DRB1*14:02	DRB1*13:53+DRB1*14:09
DRB1*13:36+DRB1*14:02:01G	DRB1*13:40+DRB1*14:03:01	
DRB1*13:36+DRB1*14:13	DRB1*13:65+DRB1*14:02	
DRB1*13:36+DRB1*14:23:01	DRB1*13:40+DRB1*14:14	
DRB1*13:36+DRB1*14:63	DRB1*13:65+DRB1*14:67	
DRB1*13:36+DRB1*14:80	DRB1*13:40+DRB1*14:09	
DRB1*13:36+DRB1*14:85	DRB1*13:65+DRB1*14:03:01	
DRB1*13:36+DRB1*15:01:04	DRB1*13:40+DRB1*15:02:02G	
DRB1*13:36+DRB1*15:01:09	DRB1*13:40+DRB1*15:02:04	
DRB1*13:36+DRB1*15:01:10	DRB1*13:40+DRB1*15:02:08	
DRB1*13:36+DRB1*15:04	DRB1*13:40+DRB1*15:15	DRB1*13:63+DRB1*15:07
DRB1*13:36+DRB1*15:07	DRB1*13:40+DRB1*15:11	
DRB1*13:36+DRB1*15:15	DRB1*13:63+DRB1*15:11	
DRB1*13:36+DRB1*15:24	DRB1*13:92+DRB1*15:11	
DRB1*13:36+DRB1*15:37	DRB1*13:96+DRB1*15:07	
DRB1*13:36+DRB1*16:15	DRB1*13:40+DRB1*16:01:01	DRB1*13:84+DRB1*16:08
DRB1*13:37+DRB1*13:53	DRB1*13:70+DRB1*13:85	
DRB1*13:37+DRB1*14:27	DRB1*13:47+DRB1*13:85	
DRB1*13:37+DRB1*14:78	DRB1*13:89+DRB1*14:67	
DRB1*13:38+DRB1*13:52	DRB1*13:48+DRB1*13:97	
DRB1*13:38+DRB1*13:79	DRB1*13:39+DRB1*13:48	
DRB1*13:38+DRB1*14:01:01G	DRB1*13:48+DRB1*14:07:01G	
DRB1*13:38+DRB1*14:04	DRB1*13:48+DRB1*14:68	
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DRB1*13:38+DRB1*14:05:03	DRB1*13:48+DRB1*14:44:02	
DRB1*13:38+DRB1*14:06:01G	DRB1*13:48+DRB1*14:02	DRB1*13:70+DRB1*14:13
DRB1*13:38+DRB1*14:02:01G	DRB1*13:48+DRB1*14:03:01	DRB1*13:70+DRB1*14:85
DRB1*13:38+DRB1*14:23:01	DRB1*13:48+DRB1*14:14	
DRB1*13:38+DRB1*14:53	DRB1*13:45+DRB1*13:49	
DRB1*13:38+DRB1*14:78	DRB1*13:48+DRB1*14:63	
DRB1*13:38+DRB1*14:80	DRB1*13:48+DRB1*14:09	
DRB1*13:38+DRB1*15:01:03	DRB1*13:48+DRB1*15:02:06	
DRB1*13:38+DRB1*15:01:04	DRB1*13:48+DRB1*15:02:02G	
DRB1*13:38+DRB1*15:01:09	DRB1*13:48+DRB1*15:02:04	
DRB1*13:38+DRB1*15:01:10	DRB1*13:48+DRB1*15:02:08	
DRB1*13:38+DRB1*15:04	DRB1*13:48+DRB1*15:15	DRB1*13:75+DRB1*15:11
DRB1*13:38+DRB1*15:05	DRB1*13:48+DRB1*15:31	
DRB1*13:38+DRB1*15:07	DRB1*13:48+DRB1*15:11	
DRB1*13:38+DRB1*16:15	DRB1*13:48+DRB1*16:01:01	
DRB1*13:39+DRB1*13:52	DRB1*13:79+DRB1*13:97	
DRB1*13:39+DRB1*13:71	DRB1*13:41+DRB1*13:78	
DRB1*13:39+DRB1*14:01:01G	DRB1*13:79+DRB1*14:07:01G	
DRB1*13:39+DRB1*14:04	DRB1*13:79+DRB1*14:68	
DRB1*13:39+DRB1*14:05:01	DRB1*13:79+DRB1*14:44:01	
DRB1*13:39+DRB1*14:05:03	DRB1*13:79+DRB1*14:44:02	
DRB1*13:39+DRB1*14:06:01G	DRB1*13:79+DRB1*14:02	
DRB1*13:39+DRB1*14:02:01G	DRB1*13:78+DRB1*14:67	DRB1*13:79+DRB1*14:03:01
DRB1*13:39+DRB1*14:17	DRB1*13:79+DRB1*14:30	
DRB1*13:39+DRB1*14:23:01	DRB1*13:79+DRB1*14:14	
DRB1*13:39+DRB1*14:78	DRB1*13:79+DRB1*14:63	
DRB1*13:39+DRB1*14:80	DRB1*13:79+DRB1*14:09	
DRB1*13:39+DRB1*14:95	DRB1*13:41+DRB1*14:64	
DRB1*13:39+DRB1*15:01:03	DRB1*13:79+DRB1*15:02:06	

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DRB1*13:39+DRB1*15:01:09	DRB1*13:79+DRB1*15:02:04	
DRB1*13:39+DRB1*15:01:10	DRB1*13:79+DRB1*15:02:08	
DRB1*13:39+DRB1*15:04	DRB1*13:79+DRB1*15:15	
DRB1*13:39+DRB1*15:05	DRB1*13:78+DRB1*15:02:01	DRB1*13:79+DRB1*15:31
DRB1*13:39+DRB1*15:07	DRB1*13:79+DRB1*15:11	
DRB1*13:39+DRB1*15:12	DRB1*13:93+DRB1*15:38	
DRB1*13:39+DRB1*16:15	DRB1*13:79+DRB1*16:01:01	
DRB1*13:40+DRB1*14:06:01G	DRB1*13:53+DRB1*14:80	
DRB1*13:40+DRB1*14:49	DRB1*14:02+DRB1*14:16	
DRB1*13:40+DRB1*14:86	DRB1*14:16+DRB1*14:59	
DRB1*13:40+DRB1*14:94	DRB1*13:84+DRB1*14:02	
DRB1*13:40+DRB1*14:96	DRB1*13:72+DRB1*14:59	
DRB1*13:40+DRB1*15:24	DRB1*13:92+DRB1*15:07	
DRB1*13:42+DRB1*15:34	DRB1*14:17+DRB1*16:01:02	
DRB1*13:42+DRB1*16:02:01	DRB1*13:56+DRB1*16:15	
DRB1*13:44+DRB1*14:02	DRB1*13:86+DRB1*14:80	
DRB1*13:46+DRB1*15:38	DRB1*13:100+DRB1*15:02:02G	
DRB1*13:47+DRB1*13:53	DRB1*13:70+DRB1*14:27	
DRB1*13:47+DRB1*14:13	DRB1*13:49+DRB1*14:89	DRB1*13:55+DRB1*14:02
DRB1*13:47+DRB1*14:85	DRB1*13:55+DRB1*14:03:01	
DRB1*13:47+DRB1*15:12	DRB1*13:55+DRB1*15:01:04	
DRB1*13:48+DRB1*13:50:02	DRB1*13:49+DRB1*13:69	
DRB1*13:48+DRB1*14:22	DRB1*13:49+DRB1*14:16	
DRB1*13:48+DRB1*14:27	DRB1*13:53+DRB1*13:55	
DRB1*13:48+DRB1*15:01:04	DRB1*13:70+DRB1*15:12	
DRB1*13:48+DRB1*15:04	DRB1*13:75+DRB1*15:07	
DRB1*13:49+DRB1*14:55	DRB1*13:55+DRB1*14:32:02	
DRB1*13:49+DRB1*15:35	DRB1*13:58+DRB1*15:15	
DRB1*13:49+DRB1*16:04	DRB1*13:55+DRB1*16:01:02	
DRB1*13:50:01+DRB1*14:16	DRB1*13:87+DRB1*14:25	
DRB1*13:50:02+DRB1*14:16	DRB1*13:69+DRB1*14:22	
DRB1*13:52+DRB1*14:02	DRB1*13:97+DRB1*14:06:01G	
DRB1*13:52+DRB1*14:03:01	DRB1*13:97+DRB1*14:02:01G	
DRB1*13:52+DRB1*14:07:01G	DRB1*13:97+DRB1*14:01:01G	
DRB1*13:52+DRB1*14:09	DRB1*13:97+DRB1*14:80	
DRB1*13:52+DRB1*14:14	DRB1*13:97+DRB1*14:23:01	
DRB1*13:52+DRB1*14:30	DRB1*13:97+DRB1*14:17	
DRB1*13:52+DRB1*14:44:01	DRB1*13:97+DRB1*14:05:01	
DRB1*13:52+DRB1*14:44:02	DRB1*13:97+DRB1*14:05:03	
DRB1*13:52+DRB1*14:63	DRB1*13:97+DRB1*14:78	
DRB1*13:52+DRB1*14:68	DRB1*13:97+DRB1*14:04	
DRB1*13:52+DRB1*15:02:01	DRB1*13:97+DRB1*15:01:01G	
DRB1*13:52+DRB1*15:02:02G	DRB1*13:97+DRB1*15:01:04	
DRB1*13:52+DRB1*15:02:04	DRB1*13:97+DRB1*15:01:09	
DRB1*13:52+DRB1*15:02:06	DRB1*13:97+DRB1*15:01:03	
DRB1*13:52+DRB1*15:02:08	DRB1*13:97+DRB1*15:01:10	
DRB1*13:52+DRB1*15:11	DRB1*13:97+DRB1*15:07	
DRB1*13:52+DRB1*15:15	DRB1*13:97+DRB1*15:04	
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DRB1*13:52+DRB1*16:01:01	DRB1*13:97+DRB1*16:15	
DRB1*13:53+DRB1*14:23:01	DRB1*13:76+DRB1*14:81	
DRB1*13:53+DRB1*14:32:01	DRB1*14:16+DRB1*14:81	
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DRB1*13:56+DRB1*14:89	DRB1*14:03:01+DRB1*14:30	
DRB1*13:56+DRB1*15:34	DRB1*14:30+DRB1*16:02:02	
DRB1*13:58+DRB1*14:21	DRB1*13:81+DRB1*14:17	
DRB1*13:61+DRB1*14:13	DRB1*13:93+DRB1*14:47	
DRB1*13:61+DRB1*14:40	DRB1*13:83+DRB1*14:98	
DRB1*13:61+DRB1*14:41	DRB1*13:64+DRB1*14:47	
DRB1*13:61+DRB1*14:77	DRB1*13:64+DRB1*14:98	
DRB1*13:61+DRB1*14:85	DRB1*13:93+DRB1*14:98	
DRB1*13:61+DRB1*14:93	DRB1*13:96+DRB1*14:50	
DRB1*13:63+DRB1*14:78	DRB1*13:93+DRB1*14:27	
DRB1*13:63+DRB1*15:24	DRB1*13:92+DRB1*15:15	
DRB1*13:63+DRB1*15:37	DRB1*13:96+DRB1*15:04	
DRB1*13:64+DRB1*14:13	DRB1*13:93+DRB1*14:41	
DRB1*13:64+DRB1*14:40	DRB1*13:83+DRB1*14:77	
DRB1*13:64+DRB1*14:85	DRB1*13:93+DRB1*14:77	
DRB1*13:65+DRB1*14:35	DRB1*13:93+DRB1*14:07:01G	
DRB1*13:66:01G+DRB1*16:15	DRB1*13:89+DRB1*16:09	
DRB1*13:71+DRB1*14:64	DRB1*13:78+DRB1*14:95	
DRB1*13:72+DRB1*14:01:01G	DRB1*14:05:01+DRB1*14:16	
DRB1*13:72+DRB1*14:01:02	DRB1*14:05:03+DRB1*14:16	
DRB1*13:72+DRB1*14:07:01G	DRB1*14:16+DRB1*14:44:01	
DRB1*13:72+DRB1*14:32:02	DRB1*14:16+DRB1*14:100	
DRB1*13:72+DRB1*14:64	DRB1*13:78+DRB1*14:45	DRB1*13:79+DRB1*14:05:01
DRB1*13:72+DRB1*14:86	DRB1*14:16+DRB1*14:96	
DRB1*13:72+DRB1*15:01:01G	DRB1*14:37+DRB1*15:10	
DRB1*13:78+DRB1*14:63	DRB1*13:79+DRB1*14:85	
DRB1*13:78+DRB1*15:01:01G	DRB1*13:79+DRB1*15:05	
DRB1*13:78+DRB1*15:03:01G	DRB1*13:79+DRB1*15:23	
DRB1*13:78+DRB1*16:05:01	DRB1*13:79+DRB1*16:02:01	
DRB1*13:79+DRB1*14:01:01G	DRB1*14:16+DRB1*14:64	
DRB1*13:81+DRB1*14:01:01G	DRB1*13:89+DRB1*14:99	
DRB1*13:81+DRB1*14:04	DRB1*13:89+DRB1*14:28	
DRB1*13:81+DRB1*14:06:01G	DRB1*13:89+DRB1*14:29	
DRB1*13:81+DRB1*15:01:01G	DRB1*13:89+DRB1*15:35	
DRB1*13:81+DRB1*15:31	DRB1*13:88+DRB1*15:35	
DRB1*13:81+DRB1*15:37	DRB1*13:94+DRB1*15:35	
DRB1*13:83+DRB1*14:10	DRB1*14:57+DRB1*14:72	
DRB1*13:83+DRB1*14:85	DRB1*13:93+DRB1*14:40	
DRB1*13:83+DRB1*15:32	DRB1*13:87+DRB1*15:01:01G	
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DRB1*13:85+DRB1*14:89	DRB1*14:19+DRB1*14:67	
DRB1*13:86+DRB1*14:07:01G	DRB1*14:42+DRB1*14:49	
DRB1*13:86+DRB1*14:23:01	DRB1*14:20+DRB1*14:42	
DRB1*13:88+DRB1*14:78	DRB1*13:89+DRB1*14:85	
DRB1*13:89+DRB1*15:37	DRB1*13:94+DRB1*15:01:01G	
DRB1*14:01:01G+DRB1*14:02	DRB1*14:06:01G+DRB1*14:07:01G	DRB1*14:32:02+DRB1*14:51
DRB1*14:01:01G+DRB1*14:03:01	DRB1*14:07:01G+DRB1*14:02:01G	
DRB1*14:01:01G+DRB1*14:05:03	DRB1*14:01:02+DRB1*14:05:01	
DRB1*14:01:01G+DRB1*14:09	DRB1*14:07:01G+DRB1*14:80	
DRB1*14:01:01G+DRB1*14:14	DRB1*14:07:01G+DRB1*14:23:01	
DRB1*14:01:01G+DRB1*14:17	DRB1*14:32:02+DRB1*14:33	DRB1*14:35+DRB1*14:80
DRB1*14:01:01G+DRB1*14:25	DRB1*14:22+DRB1*14:58	

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DRB1*14:01:01G+DRB1*14:28	DRB1*14:04+DRB1*14:99		
DRB1*14:01:01G+DRB1*14:29	DRB1*14:06:01G+DRB1*14:99		
DRB1*14:01:01G+DRB1*14:30	DRB1*14:07:01G+DRB1*14:17	DRB1*14:09+DRB1*14:35	
DRB1*14:01:01G+DRB1*14:31	DRB1*14:04+DRB1*14:32:02		
DRB1*14:01:01G+DRB1*14:32:01	DRB1*14:01:02+DRB1*14:32:02		
DRB1*14:01:01G+DRB1*14:34	DRB1*14:08+DRB1*14:32:02		
DRB1*14:01:01G+DRB1*14:44:01	DRB1*14:05:01+DRB1*14:07:01G		
DRB1*14:01:01G+DRB1*14:44:02	DRB1*14:01:02+DRB1*14:44:01	DRB1*14:05:03+DRB1*14:07:01G	
DRB1*14:01:01G+DRB1*14:50	DRB1*14:04+DRB1*14:38		
DRB1*14:01:01G+DRB1*14:52	DRB1*14:04+DRB1*14:06:01G		
DRB1*14:01:01G+DRB1*14:53	DRB1*14:25+DRB1*14:35		
DRB1*14:01:01G+DRB1*14:63	DRB1*14:07:01G+DRB1*14:78		
DRB1*14:01:01G+DRB1*14:68	DRB1*14:04+DRB1*14:07:01G		
DRB1*14:01:01G+DRB1*14:89	DRB1*14:51+DRB1*14:55		
DRB1*14:01:01G+DRB1*14:96	DRB1*14:05:01+DRB1*14:86		
DRB1*14:01:01G+DRB1*14:100	DRB1*14:05:01+DRB1*14:32:02		
DRB1*14:01:01G+DRB1*15:01:01G	DRB1*14:01:02+DRB1*15:01:03	DRB1*14:35+DRB1*15:07	
DRB1*14:01:01G+DRB1*15:02:01	DRB1*14:01:02+DRB1*15:02:06	DRB1*14:07:01G+DRB1*15:01:01G	DRB1*14:35+DRB1*15:11
DRB1*14:01:01G+DRB1*15:02:02G	DRB1*14:07:01G+DRB1*15:01:04		
DRB1*14:01:01G+DRB1*15:02:04	DRB1*14:07:01G+DRB1*15:01:09		
DRB1*14:01:01G+DRB1*15:02:06	DRB1*14:07:01G+DRB1*15:01:03		
DRB1*14:01:01G+DRB1*15:02:08	DRB1*14:07:01G+DRB1*15:01:10		
DRB1*14:01:01G+DRB1*15:03:01G	DRB1*14:70+DRB1*15:01:01G		
DRB1*14:01:01G+DRB1*15:09	DRB1*14:35+DRB1*15:48		
DRB1*14:01:01G+DRB1*15:11	DRB1*14:07:01G+DRB1*15:07		
DRB1*14:01:01G+DRB1*15:15	DRB1*14:07:01G+DRB1*15:04		
DRB1*14:01:01G+DRB1*15:16	DRB1*14:60+DRB1*15:01:01G		
DRB1*14:01:01G+DRB1*15:23	DRB1*14:70+DRB1*15:05		
DRB1*14:01:01G+DRB1*15:24	DRB1*14:26+DRB1*15:01:01G		
DRB1*14:01:01G+DRB1*15:27	DRB1*14:35+DRB1*15:34		
DRB1*14:01:01G+DRB1*15:31	DRB1*14:07:01G+DRB1*15:05		
DRB1*14:01:01G+DRB1*15:35	DRB1*14:99+DRB1*15:01:01G		
DRB1*14:01:01G+DRB1*15:47	DRB1*14:86+DRB1*15:02:01		
DRB1*14:01:01G+DRB1*16:01:01	DRB1*14:07:01G+DRB1*16:15		
DRB1*14:01:01G+DRB1*16:09	DRB1*14:35+DRB1*16:01:01		
DRB1*14:01:01G+DRB1*16:10	DRB1*14:35+DRB1*16:02:01		
DRB1*14:01:02+DRB1*14:02	DRB1*14:32:01+DRB1*14:51		
DRB1*14:01:02+DRB1*14:17	DRB1*14:32:01+DRB1*14:33		
DRB1*14:01:02+DRB1*14:31	DRB1*14:04+DRB1*14:32:01		
DRB1*14:01:02+DRB1*14:34	DRB1*14:08+DRB1*14:32:01		
DRB1*14:01:02+DRB1*14:47	DRB1*14:02+DRB1*14:38		
DRB1*14:01:02+DRB1*14:96	DRB1*14:05:03+DRB1*14:86		
DRB1*14:01:02+DRB1*14:98	DRB1*14:03:01+DRB1*14:38		
DRB1*14:01:02+DRB1*14:100	DRB1*14:05:01+DRB1*14:32:01	DRB1*14:05:03+DRB1*14:32:02	
DRB1*14:02+DRB1*14:04	DRB1*14:06:01G+DRB1*14:68	DRB1*14:07:01G+DRB1*14:52	DRB1*14:31+DRB1*14:51
DRB1*14:02+DRB1*14:05:01	DRB1*14:06:01G+DRB1*14:44:01	DRB1*14:51+DRB1*14:100	
DRB1*14:02+DRB1*14:05:03	DRB1*14:06:01G+DRB1*14:44:02		
DRB1*14:02+DRB1*14:08	DRB1*14:34+DRB1*14:51		
DRB1*14:02+DRB1*14:02:01G	DRB1*14:03:01+DRB1*14:06:01G		
DRB1*14:02+DRB1*14:17	DRB1*14:06:01G+DRB1*14:30		
DRB1*14:02+DRB1*14:21	DRB1*14:17+DRB1*14:19		
DRB1*14:02+DRB1*14:23:01	DRB1*14:06:01G+DRB1*14:14		
DRB1*14:02+DRB1*14:28	DRB1*14:29+DRB1*14:68		
DRB1*14:02+DRB1*14:33	DRB1*14:17+DRB1*14:51		
DRB1*14:02+DRB1*14:55	DRB1*14:32:02+DRB1*14:89		
DRB1*14:02+DRB1*14:63	DRB1*14:13+DRB1*14:67		
DRB1*14:02+DRB1*14:77	DRB1*14:03:01+DRB1*14:41		
DRB1*14:02+DRB1*14:78	DRB1*14:06:01G+DRB1*14:63		
DRB1*14:02+DRB1*14:80	DRB1*14:06:01G+DRB1*14:09		
DRB1*14:02+DRB1*14:85	DRB1*14:03:01+DRB1*14:13		
DRB1*14:02+DRB1*14:86	DRB1*14:49+DRB1*14:59		
DRB1*14:02+DRB1*14:98	DRB1*14:03:01+DRB1*14:47		
DRB1*14:02+DRB1*14:99	DRB1*14:07:01G+DRB1*14:29		
DRB1*14:02+DRB1*15:01:01G	DRB1*14:06:01G+DRB1*15:02:01		
DRB1*14:02+DRB1*15:01:03	DRB1*14:06:01G+DRB1*15:02:06		
DRB1*14:02+DRB1*15:01:04	DRB1*14:06:01G+DRB1*15:02:02G		
DRB1*14:02+DRB1*15:01:09	DRB1*14:06:01G+DRB1*15:02:04		
DRB1*14:02+DRB1*15:01:10	DRB1*14:06:01G+DRB1*15:02:08		
DRB1*14:02+DRB1*15:02:01	DRB1*14:24+DRB1*15:27		
DRB1*14:02+DRB1*15:04	DRB1*14:06:01G+DRB1*15:15		
DRB1*14:02+DRB1*15:05	DRB1*14:06:01G+DRB1*15:31		
DRB1*14:02+DRB1*15:07	DRB1*14:06:01G+DRB1*15:11		
DRB1*14:02+DRB1*15:11	DRB1*14:24+DRB1*15:34		
DRB1*14:02+DRB1*15:12	DRB1*14:13+DRB1*15:01:04		
DRB1*14:02+DRB1*15:35	DRB1*14:29+DRB1*15:02:01		
DRB1*14:02+DRB1*16:01:01	DRB1*14:94+DRB1*16:08		
DRB1*14:02+DRB1*16:04	DRB1*14:27+DRB1*15:34	DRB1*14:89+DRB1*16:01:02	
DRB1*14:02+DRB1*16:15	DRB1*14:06:01G+DRB1*16:01:01		
DRB1*14:03:01+DRB1*14:04	DRB1*14:02:01G+DRB1*14:68		
DRB1*14:03:01+DRB1*14:05:01	DRB1*14:02:01G+DRB1*14:44:01		
DRB1*14:03:01+DRB1*14:05:03	DRB1*14:02:01G+DRB1*14:44:02		
DRB1*14:03:01+DRB1*14:17	DRB1*14:02:01G+DRB1*14:30		
DRB1*14:03:01+DRB1*14:20	DRB1*14:06:01G+DRB1*14:40		
DRB1*14:03:01+DRB1*14:23:01	DRB1*14:02:01G+DRB1*14:14		
DRB1*14:03:01+DRB1*14:25	DRB1*14:27+DRB1*14:69		
DRB1*14:03:01+DRB1*14:45	DRB1*14:05:01+DRB1*14:67		
DRB1*14:03:01+DRB1*14:63	DRB1*14:67+DRB1*14:85		
DRB1*14:03:01+DRB1*14:78	DRB1*14:02:01G+DRB1*14:63		
DRB1*14:03:01+DRB1*14:80	DRB1*14:09+DRB1*14:02:01G		
DRB1*14:03:01+DRB1*15:01:01G	DRB1*14:02:01G+DRB1*15:02:01	DRB1*14:67+DRB1*15:05	
DRB1*14:03:01+DRB1*15:01:03	DRB1*14:02:01G+DRB1*15:02:06		
DRB1*14:03:01+DRB1*15:01:04	DRB1*14:02:01G+DRB1*15:02:02G		
DRB1*14:03:01+DRB1*15:01:09	DRB1*14:02:01G+DRB1*15:02:04		
DRB1*14:03:01+DRB1*15:01:10	DRB1*14:02:01G+DRB1*15:02:08		
DRB1*14:03:01+DRB1*15:02:01	DRB1*14:67+DRB1*15:31		
DRB1*14:03:01+DRB1*15:03:01G	DRB1*14:67+DRB1*15:23		
DRB1*14:03:01+DRB1*15:04	DRB1*14:02:01G+DRB1*15:15	DRB1*14:27+DRB1*15:05	
DRB1*14:03:01+DRB1*15:05	DRB1*14:02:01G+DRB1*15:31		
DRB1*14:03:01+DRB1*15:07	DRB1*14:02:01G+DRB1*15:11		
DRB1*14:03:01+DRB1*15:12	DRB1*14:85+DRB1*15:01:04		
DRB1*14:03:01+DRB1*15:15	DRB1*14:27+DRB1*15:31		
DRB1*14:03:01+DRB1*15:34	DRB1*14:89+DRB1*16:02:02		
DRB1*14:03:01+DRB1*16:01:01	DRB1*14:27+DRB1*16:02:01		
DRB1*14:03:01+DRB1*16:01:02	DRB1*14:27+DRB1*16:02:02		
DRB1*14:03:01+DRB1*16:05:01	DRB1*14:67+DRB1*16:02:01		

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DRB1*14:03:01+DRB1*16:09	DRB1*14:27+DRB1*16:10		
DRB1*14:03:01+DRB1*16:15	DRB1*14:02:01G+DRB1*16:01:01		
DRB1*14:04+DRB1*14:09	DRB1*14:68+DRB1*14:80		
DRB1*14:04+DRB1*14:14	DRB1*14:23:01+DRB1*14:68		
DRB1*14:04+DRB1*14:17	DRB1*14:31+DRB1*14:33		
DRB1*14:04+DRB1*14:29	DRB1*14:06:01G+DRB1*14:28	DRB1*14:52+DRB1*14:99	
DRB1*14:04+DRB1*14:30	DRB1*14:17+DRB1*14:68		
DRB1*14:04+DRB1*14:34	DRB1*14:08+DRB1*14:31		
DRB1*14:04+DRB1*14:44:01	DRB1*14:05:01+DRB1*14:68		
DRB1*14:04+DRB1*14:44:02	DRB1*14:05:03+DRB1*14:68		
DRB1*14:04+DRB1*14:63	DRB1*14:68+DRB1*14:78		
DRB1*14:04+DRB1*14:100	DRB1*14:05:01+DRB1*14:31		
DRB1*14:04+DRB1*15:02:01	DRB1*14:68+DRB1*15:01:01G		
DRB1*14:04+DRB1*15:02:02G	DRB1*14:68+DRB1*15:01:04		
DRB1*14:04+DRB1*15:02:04	DRB1*14:68+DRB1*15:01:09		
DRB1*14:04+DRB1*15:02:06	DRB1*14:68+DRB1*15:01:03		
DRB1*14:04+DRB1*15:02:08	DRB1*14:68+DRB1*15:01:10		
DRB1*14:04+DRB1*15:11	DRB1*14:68+DRB1*15:07		
DRB1*14:04+DRB1*15:15	DRB1*14:68+DRB1*15:04		
DRB1*14:04+DRB1*15:31	DRB1*14:68+DRB1*15:05		
DRB1*14:04+DRB1*15:35	DRB1*14:28+DRB1*15:01:01G		
DRB1*14:04+DRB1*16:01:01	DRB1*14:68+DRB1*16:15		
DRB1*14:05:01+DRB1*14:09	DRB1*14:44:01+DRB1*14:80		
DRB1*14:05:01+DRB1*14:02:01G	DRB1*14:18+DRB1*14:84		
DRB1*14:05:01+DRB1*14:14	DRB1*14:23:01+DRB1*14:44:01		
DRB1*14:05:01+DRB1*14:17	DRB1*14:33+DRB1*14:100		
DRB1*14:05:01+DRB1*14:23:01	DRB1*14:05:02+DRB1*14:23:03		
DRB1*14:05:01+DRB1*14:30	DRB1*14:17+DRB1*14:44:01		
DRB1*14:05:01+DRB1*14:34	DRB1*14:08+DRB1*14:100		
DRB1*14:05:01+DRB1*14:44:02	DRB1*14:05:03+DRB1*14:44:01		
DRB1*14:05:01+DRB1*14:63	DRB1*14:44:01+DRB1*14:78	DRB1*14:45+DRB1*14:85	
DRB1*14:05:01+DRB1*15:01:01G	DRB1*14:05:03+DRB1*15:01:03	DRB1*14:45+DRB1*15:05	
DRB1*14:05:01+DRB1*15:02:01	DRB1*14:05:03+DRB1*15:02:06	DRB1*14:44:01+DRB1*15:01:01G	DRB1*14:44:02+DRB1*15:01:03
	DRB1*14:45+DRB1*15:31		
DRB1*14:05:01+DRB1*15:02:02G	DRB1*14:44:01+DRB1*15:01:04		
DRB1*14:05:01+DRB1*15:02:04	DRB1*14:44:01+DRB1*15:01:09		
DRB1*14:05:01+DRB1*15:02:06	DRB1*14:44:01+DRB1*15:01:03		
DRB1*14:05:01+DRB1*15:02:08	DRB1*14:44:01+DRB1*15:01:10		
DRB1*14:05:01+DRB1*15:03:01G	DRB1*14:45+DRB1*15:23		
DRB1*14:05:01+DRB1*15:11	DRB1*14:44:01+DRB1*15:07		
DRB1*14:05:01+DRB1*15:15	DRB1*14:44:01+DRB1*15:04		
DRB1*14:05:01+DRB1*15:31	DRB1*14:44:01+DRB1*15:05		
DRB1*14:05:01+DRB1*15:47	DRB1*14:96+DRB1*15:02:01		
DRB1*14:05:01+DRB1*16:01:01	DRB1*14:44:01+DRB1*16:15		
DRB1*14:05:01+DRB1*16:05:01	DRB1*14:45+DRB1*16:02:01		
DRB1*14:05:03+DRB1*14:09	DRB1*14:44:02+DRB1*14:80		
DRB1*14:05:03+DRB1*14:14	DRB1*14:23:01+DRB1*14:44:02		
DRB1*14:05:03+DRB1*14:30	DRB1*14:17+DRB1*14:44:02		
DRB1*14:05:03+DRB1*14:63	DRB1*14:44:02+DRB1*14:78		
DRB1*14:05:03+DRB1*15:02:01	DRB1*14:44:02+DRB1*15:01:01G		
DRB1*14:05:03+DRB1*15:02:02G	DRB1*14:44:02+DRB1*15:01:04		
DRB1*14:05:03+DRB1*15:02:04	DRB1*14:44:02+DRB1*15:01:09		
DRB1*14:05:03+DRB1*15:02:08	DRB1*14:44:02+DRB1*15:01:10		
DRB1*14:05:03+DRB1*15:11	DRB1*14:44:02+DRB1*15:07		
DRB1*14:05:03+DRB1*15:15	DRB1*14:44:02+DRB1*15:04		
DRB1*14:05:03+DRB1*15:31	DRB1*14:44:02+DRB1*15:05		
DRB1*14:05:03+DRB1*16:01:01	DRB1*14:44:02+DRB1*16:15		
DRB1*14:06:01G+DRB1*14:31	DRB1*14:32:02+DRB1*14:52		
DRB1*14:06:01G+DRB1*14:50	DRB1*14:38+DRB1*14:52		
DRB1*14:06:01G+DRB1*14:77	DRB1*14:02:01G+DRB1*14:41		
DRB1*14:06:01G+DRB1*14:85	DRB1*14:02:01G+DRB1*14:13		
DRB1*14:06:01G+DRB1*14:98	DRB1*14:02:01G+DRB1*14:47		
DRB1*14:06:01G+DRB1*15:35	DRB1*14:29+DRB1*15:01:01G		
DRB1*14:07:01G+DRB1*14:20	DRB1*14:23:01+DRB1*14:49		
DRB1*14:07:01G+DRB1*14:28	DRB1*14:68+DRB1*14:99		
DRB1*14:07:01G+DRB1*14:31	DRB1*14:32:02+DRB1*14:68		
DRB1*14:07:01G+DRB1*14:50	DRB1*14:38+DRB1*14:68		
DRB1*14:07:01G+DRB1*14:96	DRB1*14:44:01+DRB1*14:86		
DRB1*14:07:01G+DRB1*14:100	DRB1*14:32:02+DRB1*14:44:01		
DRB1*14:07:01G+DRB1*15:03:01G	DRB1*14:70+DRB1*15:02:01		
DRB1*14:07:01G+DRB1*15:16	DRB1*14:60+DRB1*15:02:01		
DRB1*14:07:01G+DRB1*15:23	DRB1*14:70+DRB1*15:31		
DRB1*14:07:01G+DRB1*15:24	DRB1*14:26+DRB1*15:02:01		
DRB1*14:07:01G+DRB1*15:35	DRB1*14:99+DRB1*15:02:01		
DRB1*14:08+DRB1*14:17	DRB1*14:33+DRB1*14:34		
DRB1*14:08+DRB1*14:76	DRB1*14:23:02+DRB1*14:79		
DRB1*14:09+DRB1*14:17	DRB1*14:30+DRB1*14:80		
DRB1*14:09+DRB1*14:23:01	DRB1*14:14+DRB1*14:80		
DRB1*14:09+DRB1*14:53	DRB1*14:25+DRB1*14:30		
DRB1*14:09+DRB1*14:78	DRB1*14:63+DRB1*14:80		
DRB1*14:09+DRB1*15:01:03	DRB1*14:80+DRB1*15:02:06		
DRB1*14:09+DRB1*15:01:04	DRB1*14:80+DRB1*15:02:02G		
DRB1*14:09+DRB1*15:01:09	DRB1*14:80+DRB1*15:02:04		
DRB1*14:09+DRB1*15:01:10	DRB1*14:80+DRB1*15:02:08		
DRB1*14:09+DRB1*15:02:01	DRB1*14:30+DRB1*15:11		
DRB1*14:09+DRB1*15:04	DRB1*14:80+DRB1*15:15		
DRB1*14:09+DRB1*15:05	DRB1*14:80+DRB1*15:31		
DRB1*14:09+DRB1*15:07	DRB1*14:80+DRB1*15:11		
DRB1*14:09+DRB1*15:09	DRB1*14:30+DRB1*15:48		
DRB1*14:09+DRB1*15:27	DRB1*14:30+DRB1*15:34		
DRB1*14:09+DRB1*16:09	DRB1*14:30+DRB1*16:01:01		
DRB1*14:09+DRB1*16:10	DRB1*14:30+DRB1*16:02:01		
DRB1*14:09+DRB1*16:15	DRB1*14:80+DRB1*16:01:01		
DRB1*14:02:01G+DRB1*14:22	DRB1*14:27+DRB1*14:74		
DRB1*14:13+DRB1*14:77	DRB1*14:41+DRB1*14:85		
DRB1*14:13+DRB1*14:98	DRB1*14:47+DRB1*14:85		
DRB1*14:13+DRB1*15:21	DRB1*14:78+DRB1*15:27		
DRB1*14:14+DRB1*14:17	DRB1*14:23:01+DRB1*14:30		
DRB1*14:14+DRB1*14:78	DRB1*14:23:01+DRB1*14:63		
DRB1*14:14+DRB1*15:01:01G	DRB1*14:23:01+DRB1*15:02:01		
DRB1*14:14+DRB1*15:01:03	DRB1*14:23:01+DRB1*15:02:06		
DRB1*14:14+DRB1*15:01:04	DRB1*14:23:01+DRB1*15:02:02G		
DRB1*14:14+DRB1*15:01:09	DRB1*14:23:01+DRB1*15:02:04		
DRB1*14:14+DRB1*15:01:10	DRB1*14:23:01+DRB1*15:02:08		
DRB1*14:14+DRB1*15:04	DRB1*14:23:01+DRB1*15:15		

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DRB1*14:14+DRB1*15:05	DRB1*14:23:01+DRB1*15:31		
DRB1*14:14+DRB1*15:07	DRB1*14:23:01+DRB1*15:11		
DRB1*14:14+DRB1*16:15	DRB1*14:23:01+DRB1*16:01:01		
DRB1*14:17+DRB1*14:25	DRB1*14:53+DRB1*14:80		
DRB1*14:17+DRB1*14:63	DRB1*14:30+DRB1*14:78		
DRB1*14:17+DRB1*15:02:02G	DRB1*14:30+DRB1*15:01:04		
DRB1*14:17+DRB1*15:02:04	DRB1*14:30+DRB1*15:01:09		
DRB1*14:17+DRB1*15:02:06	DRB1*14:30+DRB1*15:01:03		
DRB1*14:17+DRB1*15:02:08	DRB1*14:30+DRB1*15:01:10		
DRB1*14:17+DRB1*15:07	DRB1*14:80+DRB1*15:01:01G		
DRB1*14:17+DRB1*15:15	DRB1*14:30+DRB1*15:04		
DRB1*14:17+DRB1*15:31	DRB1*14:30+DRB1*15:05		
DRB1*14:17+DRB1*15:34	DRB1*14:80+DRB1*15:27		
DRB1*14:17+DRB1*15:48	DRB1*14:80+DRB1*15:09		
DRB1*14:17+DRB1*16:01:01	DRB1*14:30+DRB1*16:15	DRB1*14:80+DRB1*16:09	
DRB1*14:17+DRB1*16:02:01	DRB1*14:80+DRB1*16:10		
DRB1*14:19+DRB1*14:33	DRB1*14:21+DRB1*14:51		
DRB1*14:22+DRB1*15:05	DRB1*14:74+DRB1*15:15		
DRB1*14:24+DRB1*15:21	DRB1*14:67+DRB1*15:01:01G		
DRB1*14:24+DRB1*16:04	DRB1*14:27+DRB1*15:11		
DRB1*14:25+DRB1*15:01:01G	DRB1*14:53+DRB1*15:07		
DRB1*14:25+DRB1*15:02:01	DRB1*14:53+DRB1*15:11		
DRB1*14:25+DRB1*15:05	DRB1*14:69+DRB1*15:04		
DRB1*14:25+DRB1*15:09	DRB1*14:53+DRB1*15:48		
DRB1*14:25+DRB1*15:27	DRB1*14:53+DRB1*15:34		
DRB1*14:25+DRB1*15:31	DRB1*14:69+DRB1*15:15		
DRB1*14:25+DRB1*16:02:01	DRB1*14:69+DRB1*16:01:01		
DRB1*14:25+DRB1*16:02:02	DRB1*14:69+DRB1*16:01:02		
DRB1*14:25+DRB1*16:09	DRB1*14:53+DRB1*16:01:01		
DRB1*14:25+DRB1*16:10	DRB1*14:53+DRB1*16:02:01	DRB1*14:69+DRB1*16:09	
DRB1*14:26+DRB1*15:03:01G	DRB1*14:70+DRB1*15:24		
DRB1*14:26+DRB1*15:16	DRB1*14:60+DRB1*15:24		
DRB1*14:26+DRB1*15:35	DRB1*14:99+DRB1*15:24		
DRB1*14:27+DRB1*15:01:01G	DRB1*14:67+DRB1*15:04		
DRB1*14:27+DRB1*15:02:01	DRB1*14:67+DRB1*15:15		
DRB1*14:27+DRB1*16:05:01	DRB1*14:67+DRB1*16:01:01		
DRB1*14:28+DRB1*14:32:02	DRB1*14:31+DRB1*14:99		
DRB1*14:28+DRB1*14:38	DRB1*14:50+DRB1*14:99		
DRB1*14:28+DRB1*15:02:01	DRB1*14:68+DRB1*15:35		
DRB1*14:31+DRB1*14:38	DRB1*14:32:02+DRB1*14:50		
DRB1*14:31+DRB1*14:44:01	DRB1*14:68+DRB1*14:100		
DRB1*14:32:01+DRB1*14:44:01	DRB1*14:32:02+DRB1*14:44:02		
DRB1*14:32:01+DRB1*15:01:03	DRB1*14:32:02+DRB1*15:01:01G		
DRB1*14:32:01+DRB1*15:02:06	DRB1*14:32:02+DRB1*15:02:01		
DRB1*14:32:02+DRB1*14:96	DRB1*14:86+DRB1*14:100		
DRB1*14:32:02+DRB1*16:04	DRB1*14:55+DRB1*16:01:02		
DRB1*14:41+DRB1*14:98	DRB1*14:47+DRB1*14:77		
DRB1*14:44:01+DRB1*15:02:01	DRB1*14:44:02+DRB1*15:02:06		
DRB1*14:60+DRB1*15:03:01G	DRB1*14:70+DRB1*15:16		
DRB1*14:60+DRB1*15:35	DRB1*14:99+DRB1*15:16		
DRB1*14:63+DRB1*15:01:01G	DRB1*14:78+DRB1*15:02:01		
DRB1*14:63+DRB1*15:01:03	DRB1*14:78+DRB1*15:02:06		
DRB1*14:63+DRB1*15:01:04	DRB1*14:67+DRB1*15:12	DRB1*14:78+DRB1*15:02:02G	
DRB1*14:63+DRB1*15:01:09	DRB1*14:78+DRB1*15:02:04		
DRB1*14:63+DRB1*15:01:10	DRB1*14:78+DRB1*15:02:08		
DRB1*14:63+DRB1*15:04	DRB1*14:78+DRB1*15:15		
DRB1*14:63+DRB1*15:05	DRB1*14:78+DRB1*15:31	DRB1*14:85+DRB1*15:01:01G	
DRB1*14:63+DRB1*15:07	DRB1*14:78+DRB1*15:11		
DRB1*14:63+DRB1*15:23	DRB1*14:85+DRB1*15:03:01G		
DRB1*14:63+DRB1*15:31	DRB1*14:85+DRB1*15:02:01		
DRB1*14:63+DRB1*16:02:01	DRB1*14:85+DRB1*16:05:01		
DRB1*14:63+DRB1*16:15	DRB1*14:78+DRB1*16:01:01		
DRB1*14:68+DRB1*15:37	DRB1*14:93+DRB1*15:01:03		
DRB1*14:70+DRB1*15:35	DRB1*14:99+DRB1*15:03:01G		
DRB1*15:01:01G+DRB1*15:02:02G	DRB1*15:01:04+DRB1*15:02:01		
DRB1*15:01:01G+DRB1*15:02:04	DRB1*15:01:09+DRB1*15:02:01		
DRB1*15:01:01G+DRB1*15:02:06	DRB1*15:01:03+DRB1*15:02:01		
DRB1*15:01:01G+DRB1*15:02:08	DRB1*15:01:10+DRB1*15:02:01		
DRB1*15:01:01G+DRB1*15:11	DRB1*15:02:01+DRB1*15:07		
DRB1*15:01:01G+DRB1*15:15	DRB1*15:02:01+DRB1*15:04		
DRB1*15:01:01G+DRB1*15:23	DRB1*15:03:01G+DRB1*15:05		
DRB1*15:01:01G+DRB1*15:31	DRB1*15:02:01+DRB1*15:05		
DRB1*15:01:01G+DRB1*15:34	DRB1*15:07+DRB1*15:27		
DRB1*15:01:01G+DRB1*15:48	DRB1*15:07+DRB1*15:09		
DRB1*15:01:01G+DRB1*16:01:01	DRB1*15:02:01+DRB1*16:15	DRB1*15:04+DRB1*16:05:01	DRB1*15:07+DRB1*16:09
DRB1*15:01:01G+DRB1*16:02:01	DRB1*15:05+DRB1*16:05:01	DRB1*15:07+DRB1*16:10	
DRB1*15:01:01G+DRB1*16:12	DRB1*15:28+DRB1*16:02:01		
DRB1*15:01:03+DRB1*15:02:02G	DRB1*15:01:04+DRB1*15:02:06		
DRB1*15:01:03+DRB1*15:02:04	DRB1*15:01:09+DRB1*15:02:06		
DRB1*15:01:03+DRB1*15:02:08	DRB1*15:01:10+DRB1*15:02:06		
DRB1*15:01:03+DRB1*15:11	DRB1*15:02:06+DRB1*15:07		
DRB1*15:01:03+DRB1*15:15	DRB1*15:02:06+DRB1*15:04		
DRB1*15:01:03+DRB1*15:31	DRB1*15:02:06+DRB1*15:05		
DRB1*15:01:03+DRB1*16:01:01	DRB1*15:02:06+DRB1*16:15		
DRB1*15:01:04+DRB1*15:02:04	DRB1*15:01:09+DRB1*15:02:02G		
DRB1*15:01:04+DRB1*15:02:08	DRB1*15:01:10+DRB1*15:02:02G		
DRB1*15:01:04+DRB1*15:11	DRB1*15:02:02G+DRB1*15:07		
DRB1*15:01:04+DRB1*15:15	DRB1*15:02:02G+DRB1*15:04		
DRB1*15:01:04+DRB1*15:31	DRB1*15:02:02G+DRB1*15:05		
DRB1*15:01:04+DRB1*16:01:01	DRB1*15:02:02G+DRB1*16:15		
DRB1*15:01:09+DRB1*15:02:08	DRB1*15:01:10+DRB1*15:02:04		
DRB1*15:01:09+DRB1*15:11	DRB1*15:02:04+DRB1*15:07		
DRB1*15:01:09+DRB1*15:15	DRB1*15:02:04+DRB1*15:04		
DRB1*15:01:09+DRB1*15:31	DRB1*15:02:04+DRB1*15:05		
DRB1*15:01:09+DRB1*16:01:01	DRB1*15:02:04+DRB1*16:15		
DRB1*15:01:10+DRB1*15:11	DRB1*15:02:08+DRB1*15:07		
DRB1*15:01:10+DRB1*15:15	DRB1*15:02:08+DRB1*15:04		
DRB1*15:01:10+DRB1*15:31	DRB1*15:02:08+DRB1*15:05		
DRB1*15:01:10+DRB1*16:01:01	DRB1*15:02:08+DRB1*16:15		
DRB1*15:02:01+DRB1*15:23	DRB1*15:03:01G+DRB1*15:31		
DRB1*15:02:01+DRB1*15:34	DRB1*15:11+DRB1*15:27		
DRB1*15:02:01+DRB1*15:48	DRB1*15:09+DRB1*15:11		
DRB1*15:02:01+DRB1*16:01:01	DRB1*15:11+DRB1*16:09	DRB1*15:15+DRB1*16:05:01	
DRB1*15:02:01+DRB1*16:02:01	DRB1*15:11+DRB1*16:10	DRB1*15:31+DRB1*16:05:01	
DRB1*15:03:01G+DRB1*16:02:01	DRB1*15:23+DRB1*16:05:01		

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DRB1*15:04+DRB1*15:11	DRB1*15:07+DRB1*15:15	
DRB1*15:04+DRB1*15:31	DRB1*15:05+DRB1*15:15	
DRB1*15:04+DRB1*16:01:01	DRB1*15:15+DRB1*16:15	
DRB1*15:04+DRB1*16:02:01	DRB1*15:05+DRB1*16:01:01	DRB1*15:31+DRB1*16:15
DRB1*15:04+DRB1*16:02:02	DRB1*15:05+DRB1*16:01:02	
DRB1*15:04+DRB1*16:10	DRB1*15:05+DRB1*16:09	
DRB1*15:05+DRB1*15:11	DRB1*15:07+DRB1*15:31	
DRB1*15:07+DRB1*16:01:01	DRB1*15:11+DRB1*16:15	
DRB1*15:09+DRB1*15:34	DRB1*15:27+DRB1*15:48	
DRB1*15:09+DRB1*16:01:01	DRB1*15:48+DRB1*16:09	
DRB1*15:09+DRB1*16:02:01	DRB1*15:48+DRB1*16:10	
DRB1*15:15+DRB1*16:02:01	DRB1*15:31+DRB1*16:01:01	
DRB1*15:15+DRB1*16:02:02	DRB1*15:31+DRB1*16:01:02	
DRB1*15:15+DRB1*16:10	DRB1*15:31+DRB1*16:09	
DRB1*15:27+DRB1*16:01:01	DRB1*15:34+DRB1*16:09	
DRB1*15:27+DRB1*16:02:01	DRB1*15:34+DRB1*16:10	
DRB1*16:01:01+DRB1*16:02:02	DRB1*16:01:02+DRB1*16:02:01	
DRB1*16:01:01+DRB1*16:10	DRB1*16:02:01+DRB1*16:09	
DRB1*16:01:02+DRB1*16:10	DRB1*16:02:02+DRB1*16:09	

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HLA-DRB3 Ambiguities, Release 3.2.0

Sequences identical over exons 2 (nucleotides 101 to 356)

Code in table	*Allele 1*	*Allele 2*
DRB3*01:01:02G	DRB3*01:01:02:01	DRB3*01:01:02:02
DRB3*02:01:01G	DRB3*02:01	DRB3*02:24
DRB3*03:01:01G	DRB3*03:01:01	DRB3*03:01:03

Alleles extended due to unsequenced regions

The following alleles do not contain the complete sequence in the region nucleotide 101 to 356. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DRB3*01:01:03	DRB3*01:01:02:01
DRB3*01:01:04	DRB3*01:01:02:01
DRB3*01:02	DRB3*01:01:02:01
DRB3*01:03	DRB3*01:01:02:01
DRB3*01:06	DRB3*01:01:02:01
DRB3*01:07	DRB3*01:01:02:01
DRB3*01:10	DRB3*01:01:02:01
DRB3*02:02:02	DRB3*01:01:02:01
DRB3*02:03	DRB3*01:01:02:01
DRB3*02:05	DRB3*01:01:02:01
DRB3*02:06	DRB3*01:01:02:01
DRB3*02:07	DRB3*01:01:02:01
DRB3*02:08	DRB3*01:01:02:01
DRB3*03:02	DRB3*01:01:02:01

Alleles removed from analysis due to insertions or deletions

Allele
None

Ambiguous typing combinations over exon 2 (nucleotides 101 to 356)

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*
DRB3*01:06+DRB3*02:05	DRB3*01:07+DRB3*03:03		
DRB3*02:01:01G+DRB3*03:03	DRB3*02:22+DRB3*03:01:01G		
DRB3*02:02:01+DRB3*02:09	DRB3*02:10+DRB3*02:21		
DRB3*02:02:01+DRB3*02:19	DRB3*02:22+DRB3*02:25		
DRB3*02:02:01+DRB3*02:21	DRB3*02:07+DRB3*02:25		
DRB3*02:02:01+DRB3*03:01:01G	DRB3*02:05+DRB3*03:02		
DRB3*02:07+DRB3*02:19	DRB3*02:21+DRB3*02:22		

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HLA-DRB4 Ambiguities, Release 3.2.0

Sequences identical over exons 2 (nucleotides 101 to 356)

Code in table	*Allele 1*	*Allele 2*	*Allele 3*	*Allele 4*	*Allele 5*
DRB4*01:01:01G	DRB4*01:01:01:01	DRB4*01:03:01:01	DRB4*01:03:01:02N	DRB4*01:03:02	DRB4*01:06

Alleles extended due to unsequenced regions

The following alleles do not contain the complete sequence in the region nucleotide 101 to 356. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DRB4*01:02	DRB4*01:01:01:01
DRB4*01:05	DRB4*01:01:01:01

Alleles removed from analysis due to insertions or deletions

Allele
DRB4*02:01N
DRB4*03:01N

Ambiguous typing combinations over exon 2 (nucleotides 101 to 356)

Combination 1	*Combination 2*
None	

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HLA-DRB5 Ambiguities, Release 3.2.0

Sequences identical over exons 2 (nucleotides 101 to 356)

Code in table	*Allele 1*	*Allele 2*
DRB5*01:02:01G	DRB5*01:02	DRB5*01:08N

Alleles extended due to unsequenced regions

The following alleles do not contain the complete sequence in the region nucleotide 101 to 356. For these alleles, the sequence of an alternate allele has been used to extend the sequence to cover this region.

Incomplete allele	*Sequence extended with*
DRB5*01:03	DRB5*01:01:01
DRB5*01:07	DRB5*01:01:01
DRB5*01:09	DRB5*01:01:01
DRB5*02:03	DRB5*02:02

Alleles removed from analysis due to insertions or deletions

Allele
DRB5*01:10N

Ambiguous typing combinations over exon 2 (nucleotides 101 to 356)

Combination 1	*Combination 2*	*Combination 3*	*Combination 4*
DRB5*01:01:01+DRB5*02:02	DRB5*01:07+DRB5*02:04		
DRB5*01:06+DRB5*02:03	DRB5*01:11+DRB5*02:02		

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