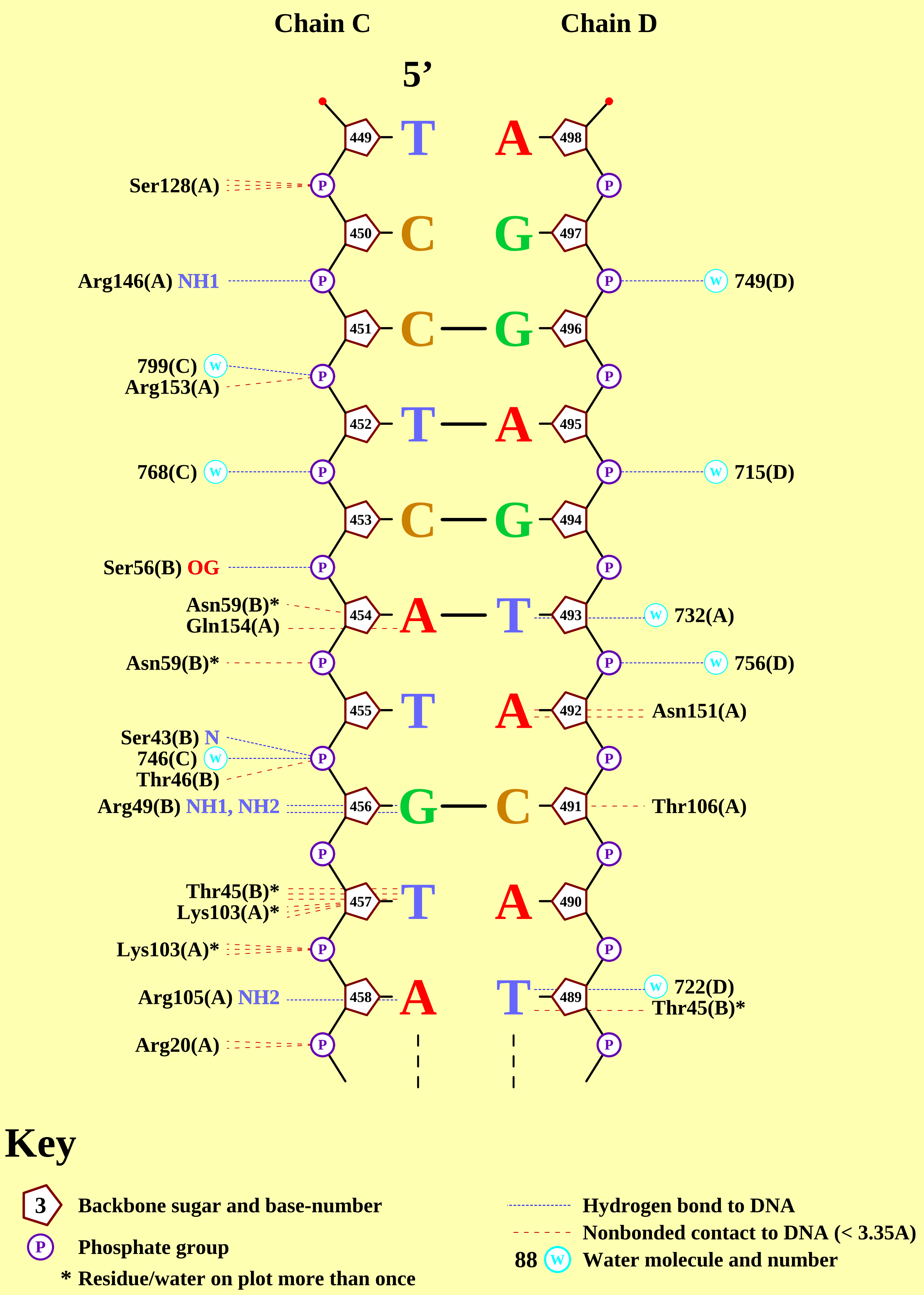
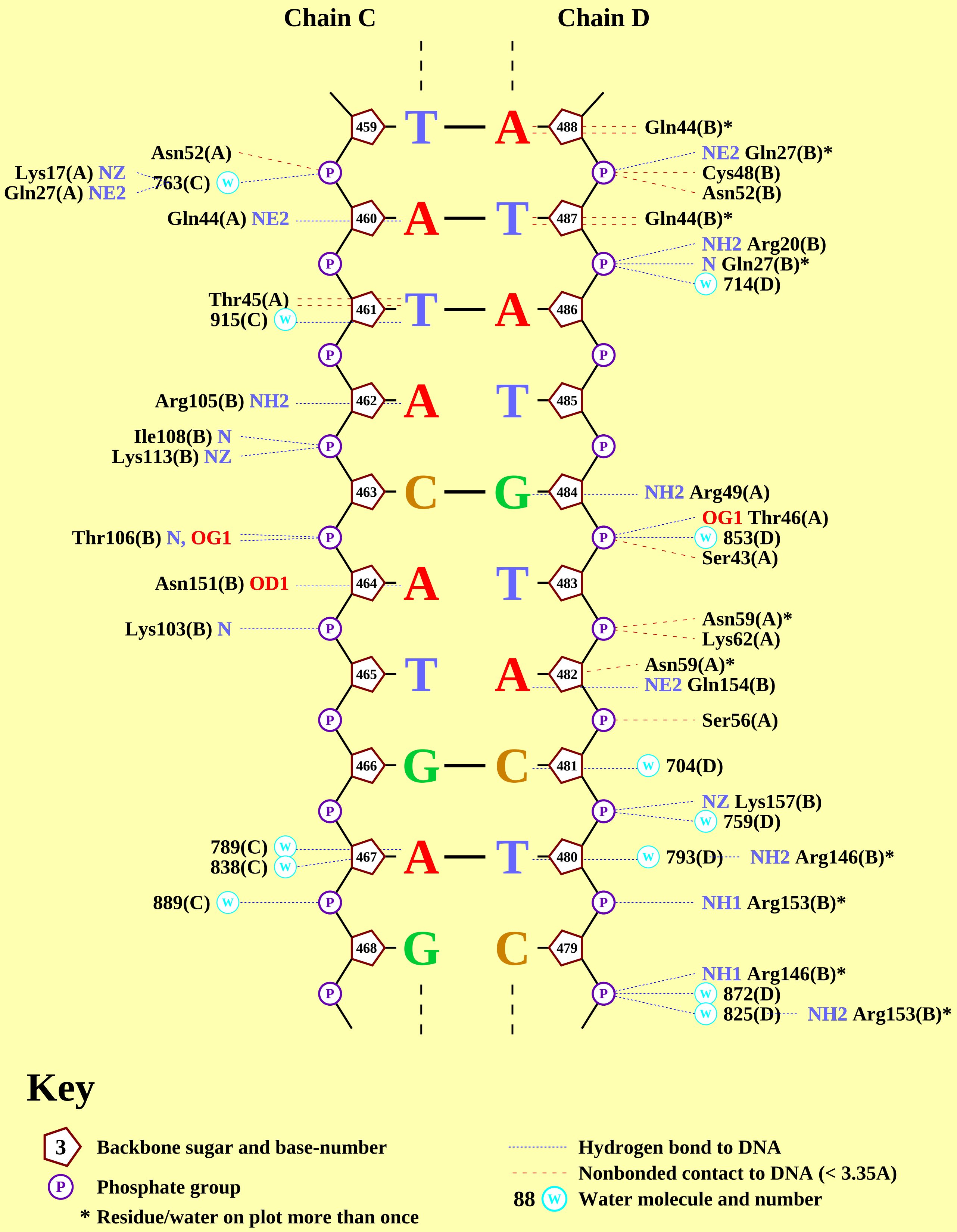
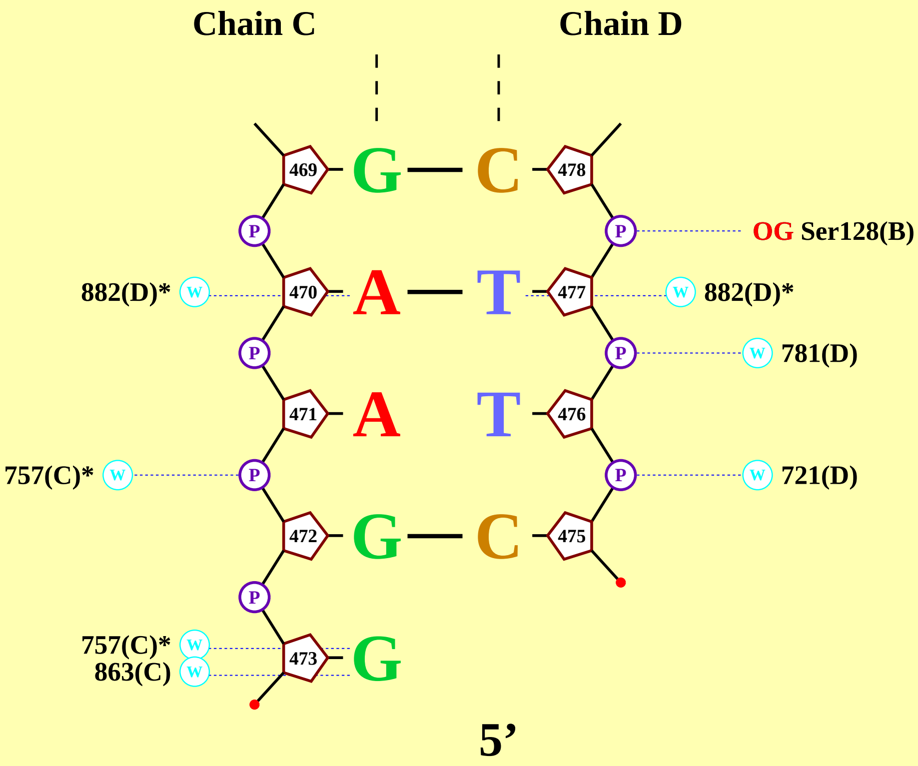

Chain C
Chain D
5’
449 T
A 498
Ser128(A)
450 C
G 497
Arg146(A) NH1
749(D)
451 C
G 496
799(C)
Arg153(A)
452 T
A 495
768(C)
715(D)
453 C
G 494
Ser56(B) OG
Asn59(B)*
Gln154(A)
454 A
T 493
732(A)
Asn59(B)*
756(D)
455 T
A 492
Asn151(A)
Ser43(B) N
746(C)
Thr46(B)
Arg49(B) NH1, NH2
456 G
C 491
Thr106(A)
Thr45(B)*
Lys103(A)*
457 T
A 490
Lys103(A)*
Arg105(A) NH2
458 A
T 489
722(D)
Thr45(B)*
Arg20(A)
P
W
Key
3
Backbone sugar and base-number
P
Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88
W
Water molecule and number

file


Chain C
Chain D
459
T
A
488
Gln44(B)*
Asn52(A)
NE2 Gln27(B)*
Lys17(A) NZ
Gln27(A) NE2
763(C) W
P
P
Cys48(B)
Asn52(B)
Gln44(A) NE2
460
A
T
487
Gln44(B)*
P
P
NH2 Arg20(B)
N Gln27(B)*
W 714(D)
Thr45(A)
915(C) W
461
T
A
486
P
P
Arg105(B) NH2
462
A
T
485
Ile108(B) N
Lys113(B) NZ
P
P
463
C
G
484
NH2 Arg49(A)
OG1 Thr46(A)
Thr106(B) N, OG1
P
P
W 853(D)
Ser43(A)
Asn151(B) OD1
464
A
T
483
Lys103(B) N
P
P
Asn59(A)*
Lys62(A)
465
T
A
482
Asn59(A)*
NE2 Gln154(B)
P
P
Ser56(A)
466
G
C
481
W 704(D)
P
P
NZ Lys157(B)
W 759(D)
789(C) W
838(C) W
467
A
T
480
W 793(D) NH2 Arg146(B)*
889(C) W
P
P
NH1 Arg153(B)*
468
G
C
479
NH1 Arg146(B)*
P
P
W 872(D)
W 825(D) NH2 Arg153(B)*
Key
3
Backbone sugar and base-number
P
Phosphate group
* Residue/water on plot more than once
Hydrogen bond to DNA
Nonbonded contact to DNA (< 3.35A)
88 W
Water molecule and number

file



Key

⬠3 Backbone sugar and base-number

Ⓟ Phosphate group

* Residue/water on plot more than once

········ Hydrogen bond to DNA

\- - - - - - Nonbonded contact to DNA (< 3.35A)

88 Ⓦ Water molecule and number

file