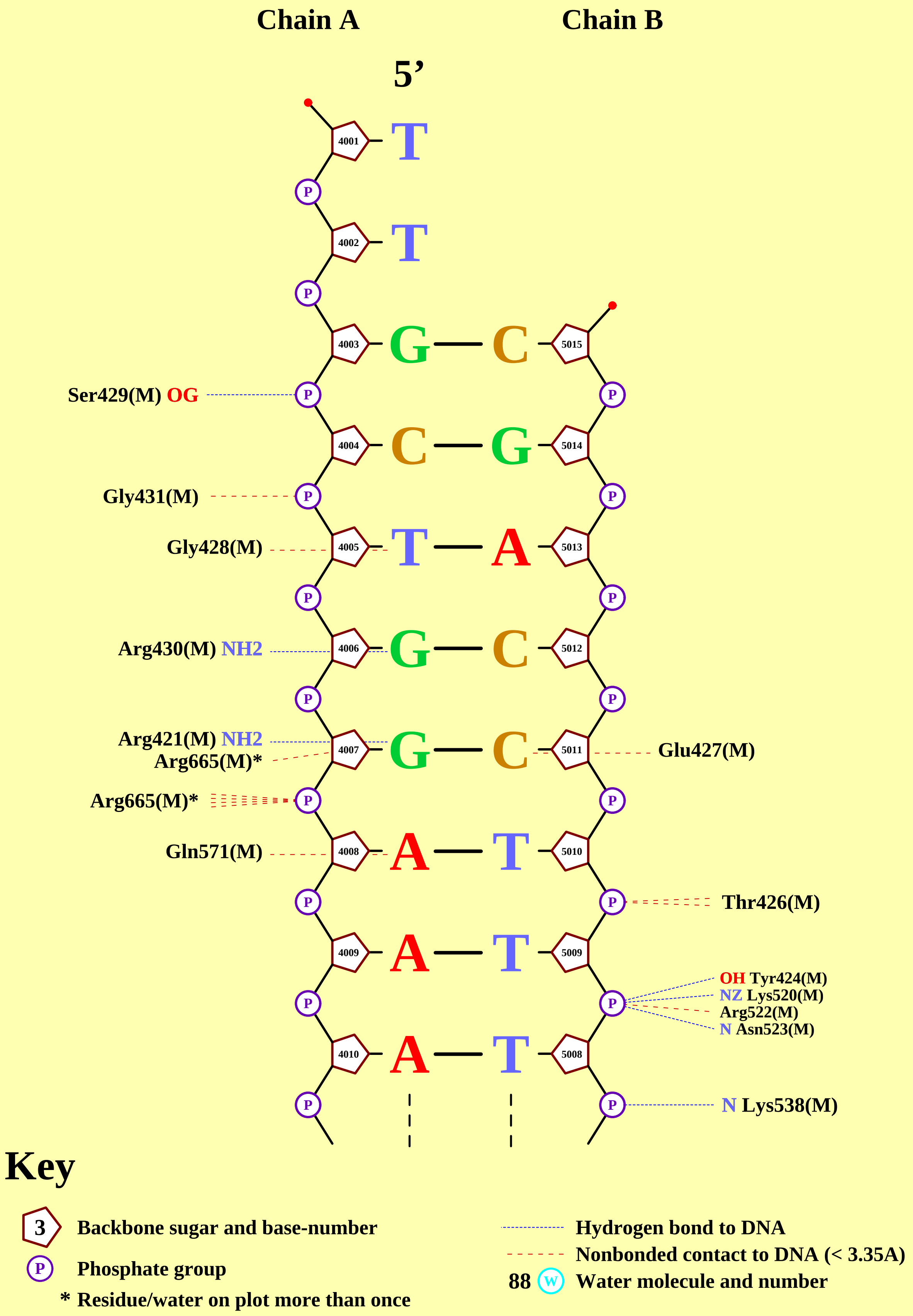
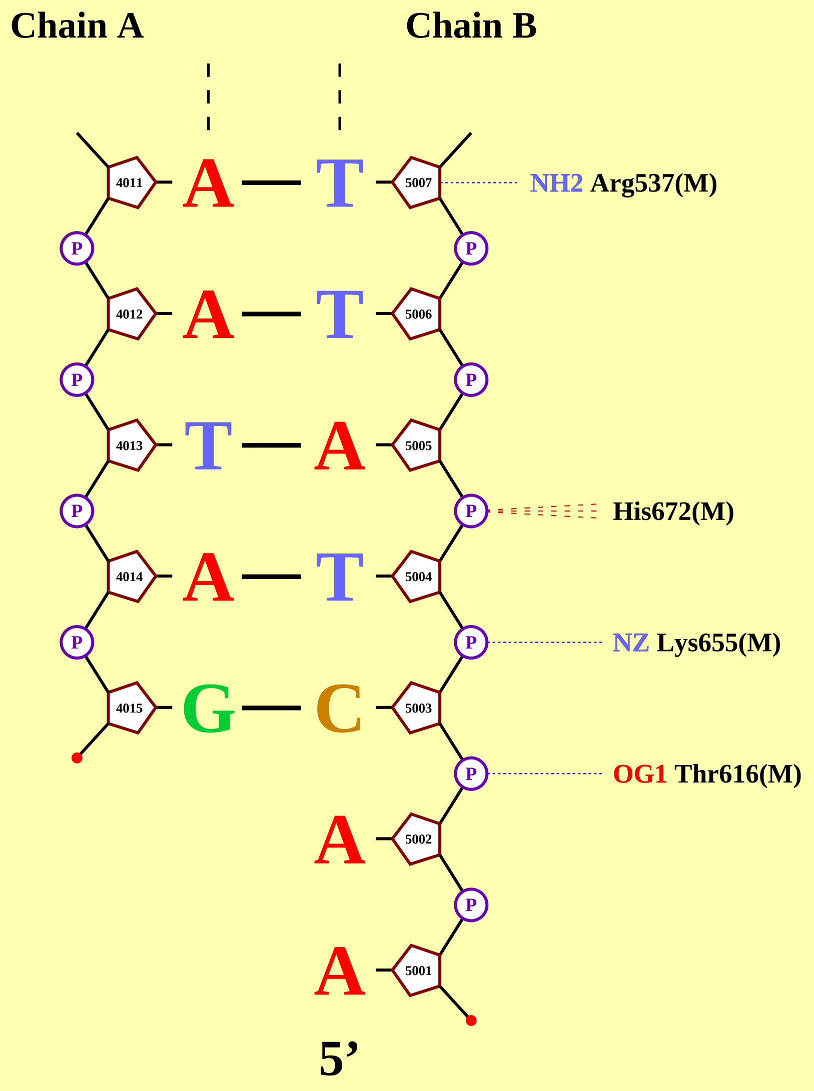

Chain A
Chain B
5'
4001 T
4002 T
4003 G — C 5015
4004 C — G 5014
4005 T — A 5013
4006 G — C 5012
4007 G — C 5011
4008 A — T 5010
4009 A — T 5009
4010 A — T 5008
P
Ser429(M) OG
Gly431(M)
Gly428(M)
Arg430(M) NH2
Arg421(M) NH2
Arg665(M)*
Arg665(M)*
Gln571(M)
Glu427(M)
Thr426(M)
OH Tyr424(M)
NZ Lys520(M)
Arg522(M)
N Asn523(M)
N Lys538(M)
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

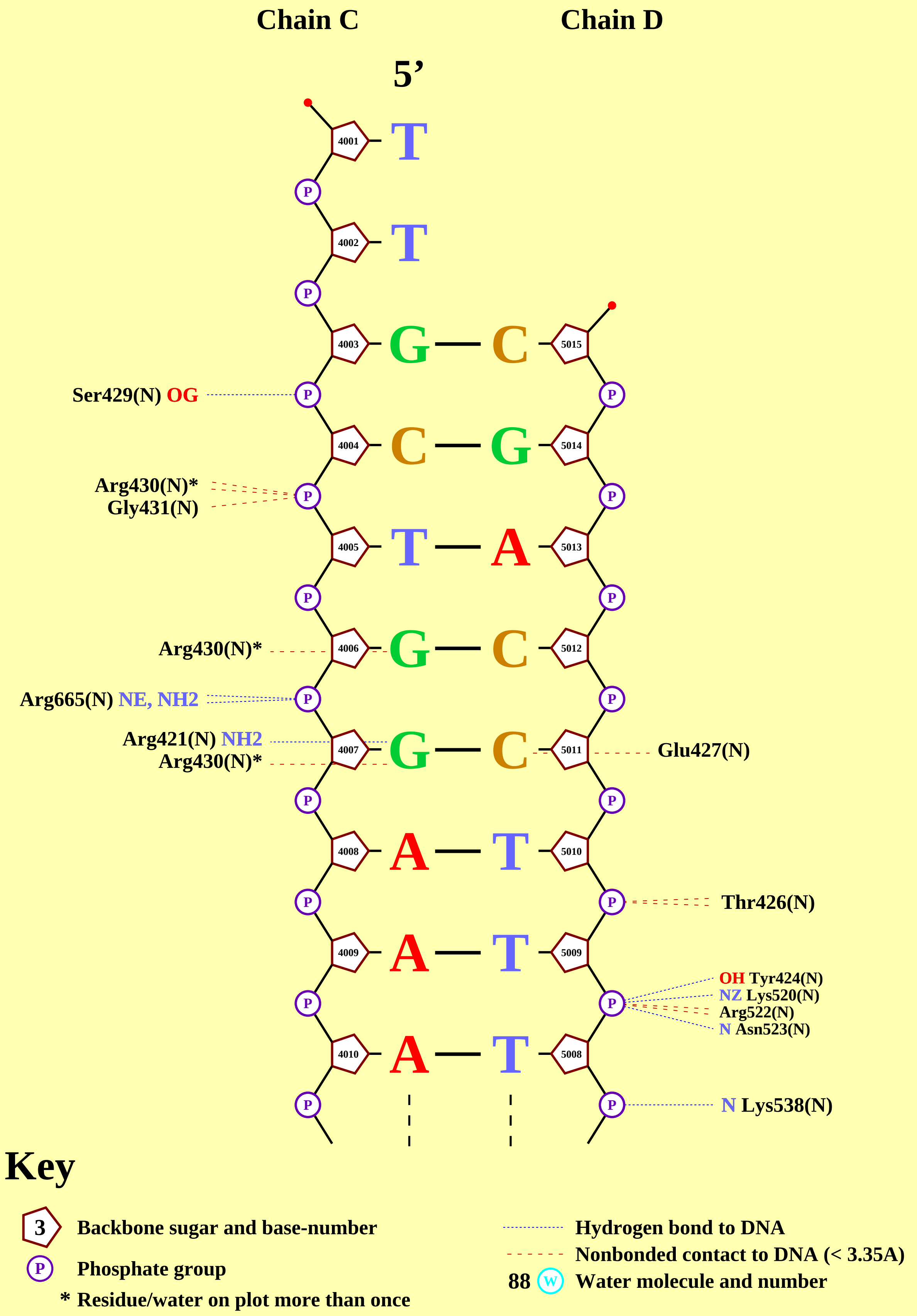


Key

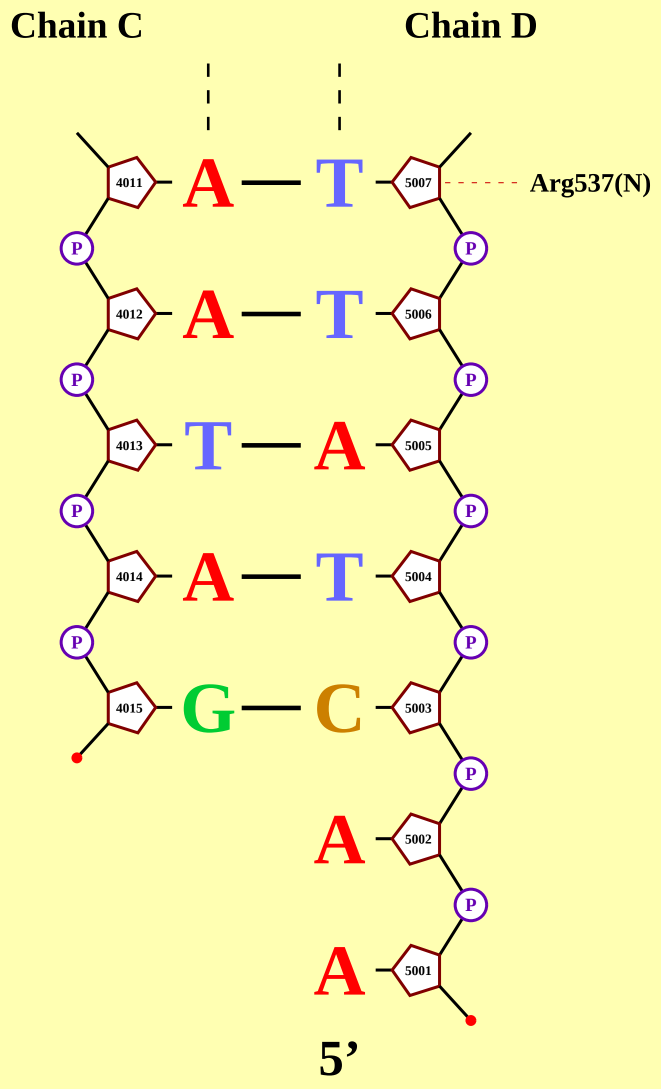
3 Backbone sugar and base-number
P Phosphate group
* Residue/water on plot more than once

······ Hydrogen bond to DNA
- - - - - - Nonbonded contact to DNA (< 3.35A)
88 W Water molecule and number

file


Chain C
Chain D
5’
4001 T
4002 T
4003 G — C 5015
4004 C — G 5014
4005 T — A 5013
4006 G — C 5012
4007 G — C 5011
4008 A — T 5010
4009 A — T 5009
4010 A — T 5008
P
Ser429(N) OG
Arg430(N)*
Gly431(N)
Arg430(N)*
Arg665(N) NE, NH2
Arg421(N) NH2
Arg430(N)*
Glu427(N)
Thr426(N)
OH Tyr424(N)
NZ Lys520(N)
Arg522(N)
N Asn523(N)
N Lys538(N)
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

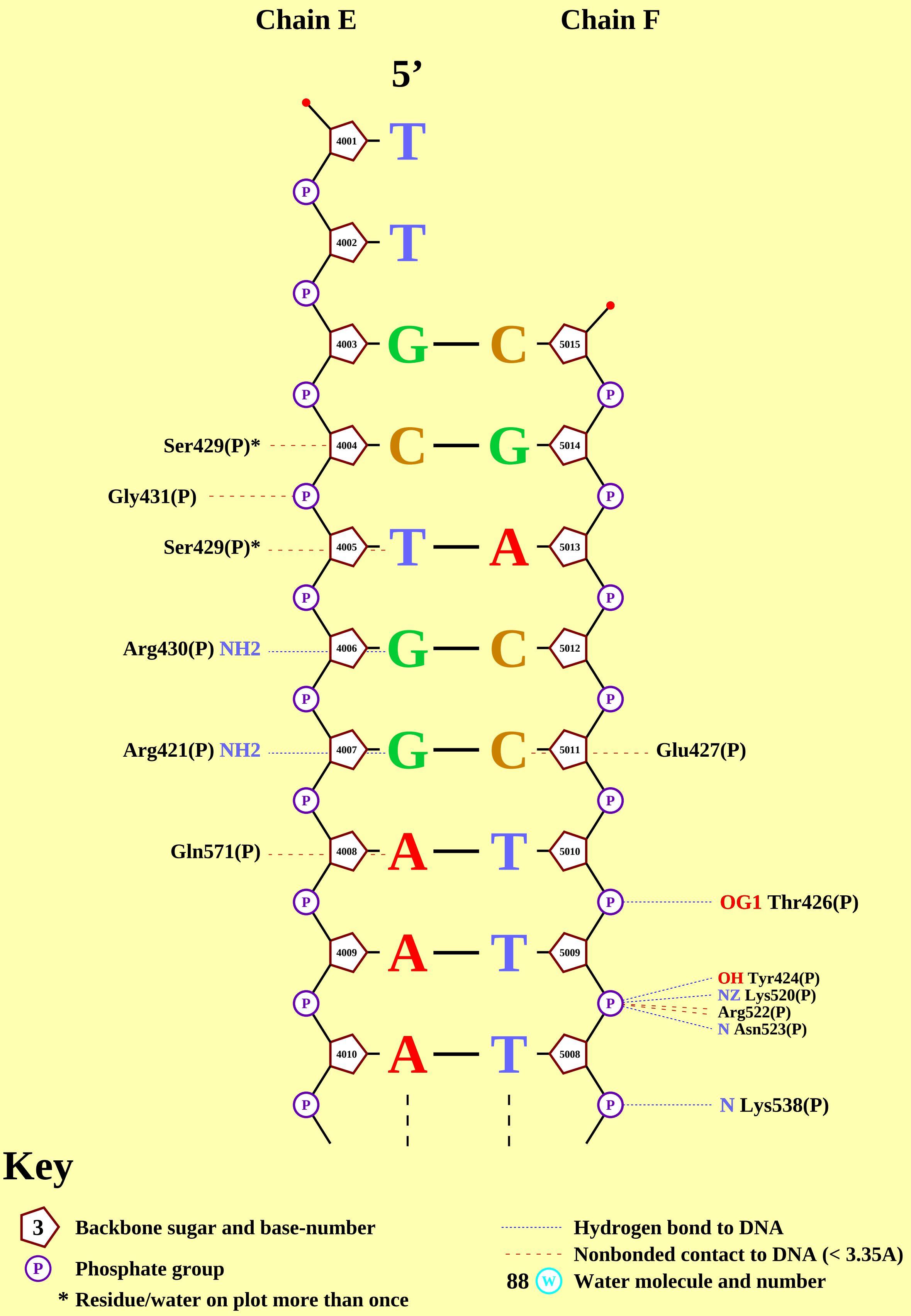
file



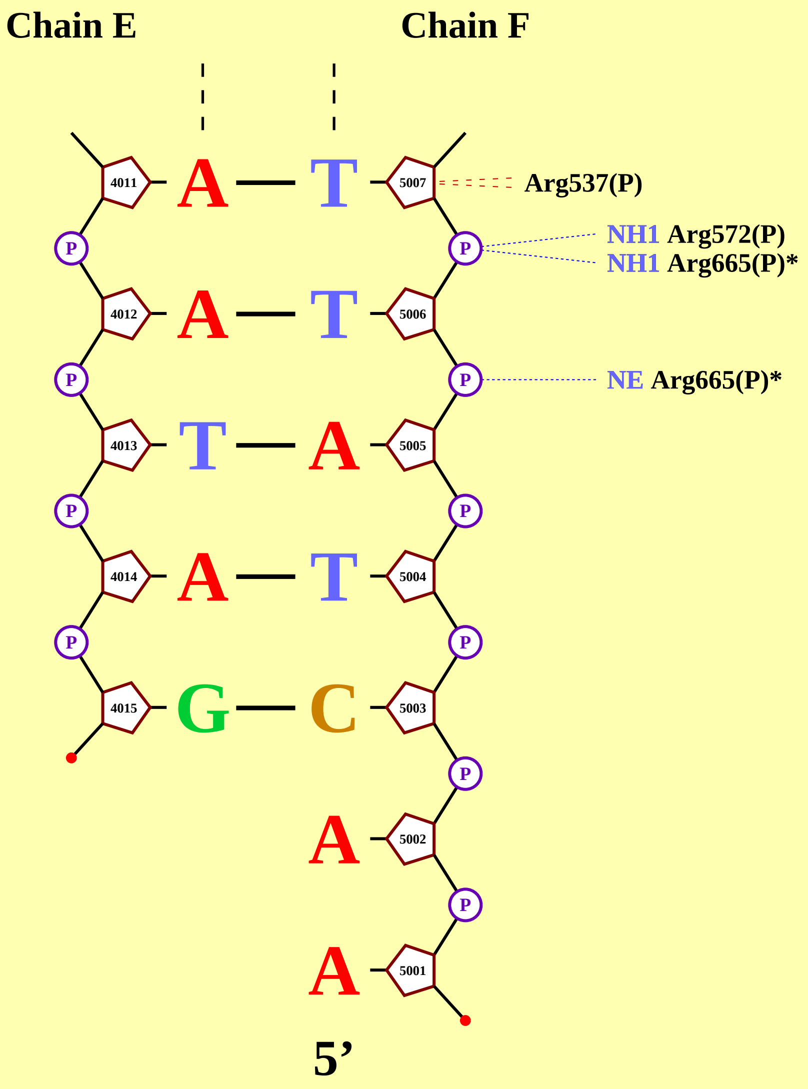
Key

- 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


Chain E
Chain F
5’
4001 T
4002 T
4003 G — C 5015
Ser429(P)*
4004 C — G 5014
Gly431(P)
Ser429(P)*
4005 T — A 5013
Arg430(P) NH2
4006 G — C 5012
Arg421(P) NH2
4007 G — C 5011
Glu427(P)
Gln571(P)
4008 A — T 5010
OG1 Thr426(P)
4009 A — T 5009
OH Tyr424(P)
NZ Lys520(P)
Arg522(P)
N Asn523(P)
4010 A — T 5008
N Lys538(P)
P
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

P Phosphate group

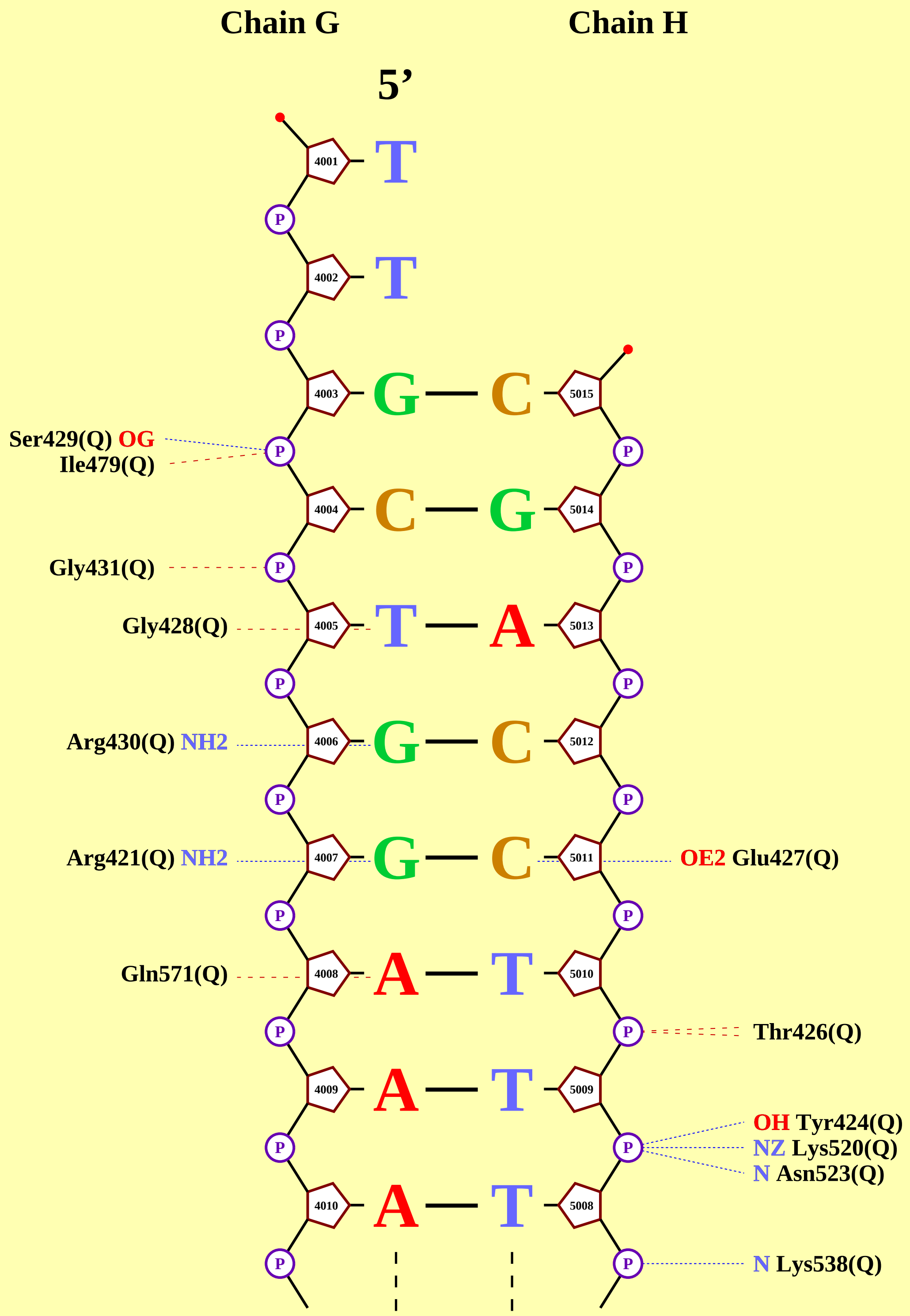
* Residue/water on plot more than once

Hydrogen bond to DNA

Nonbonded contact to DNA (< 3.35A)

88 W Water molecule and number

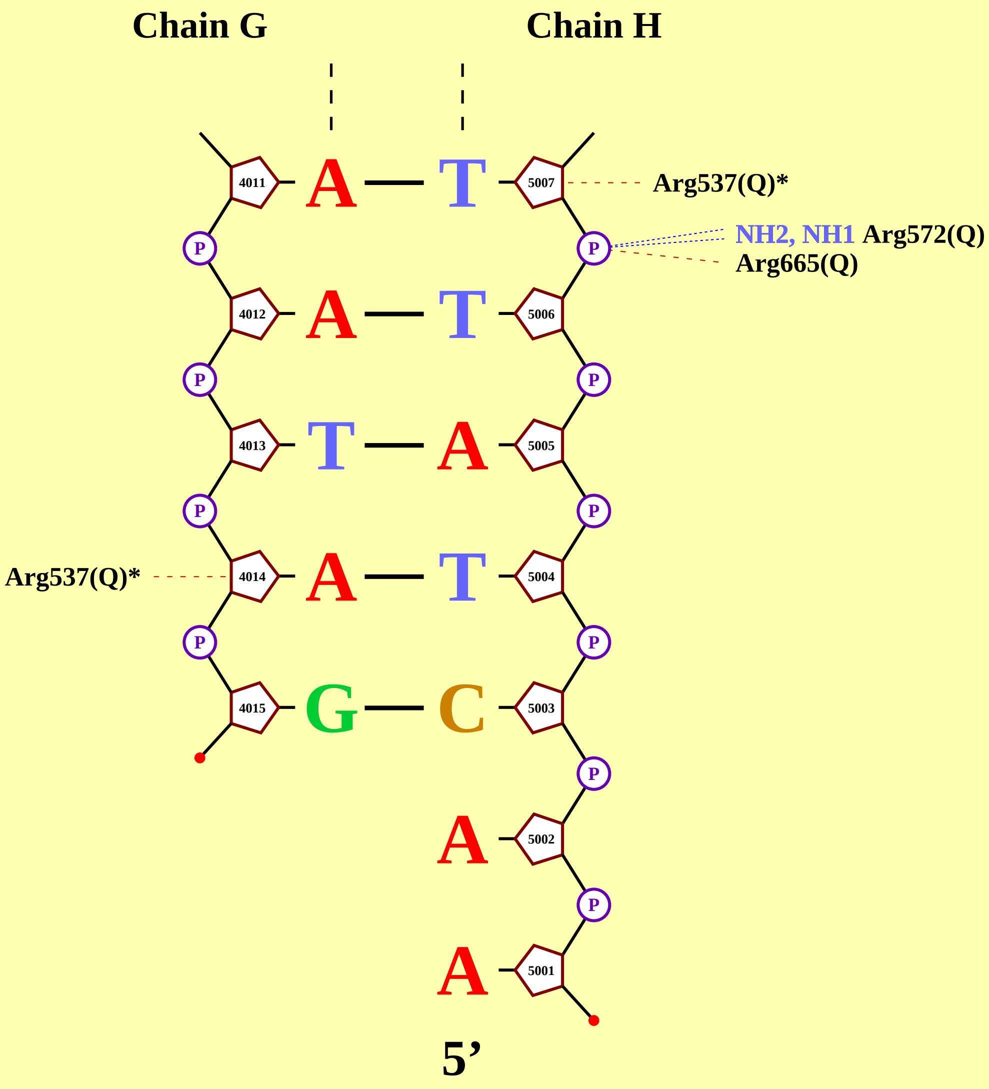
file



Key

3	Backbone sugar and base-number	········	Hydrogen bond to DNA
Ⓟ	Phosphate group	- - - -	Nonbonded contact to DNA (< 3.35A)
*	Residue/water on plot more than once	88 Ⓦ	Water molecule and number

file



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