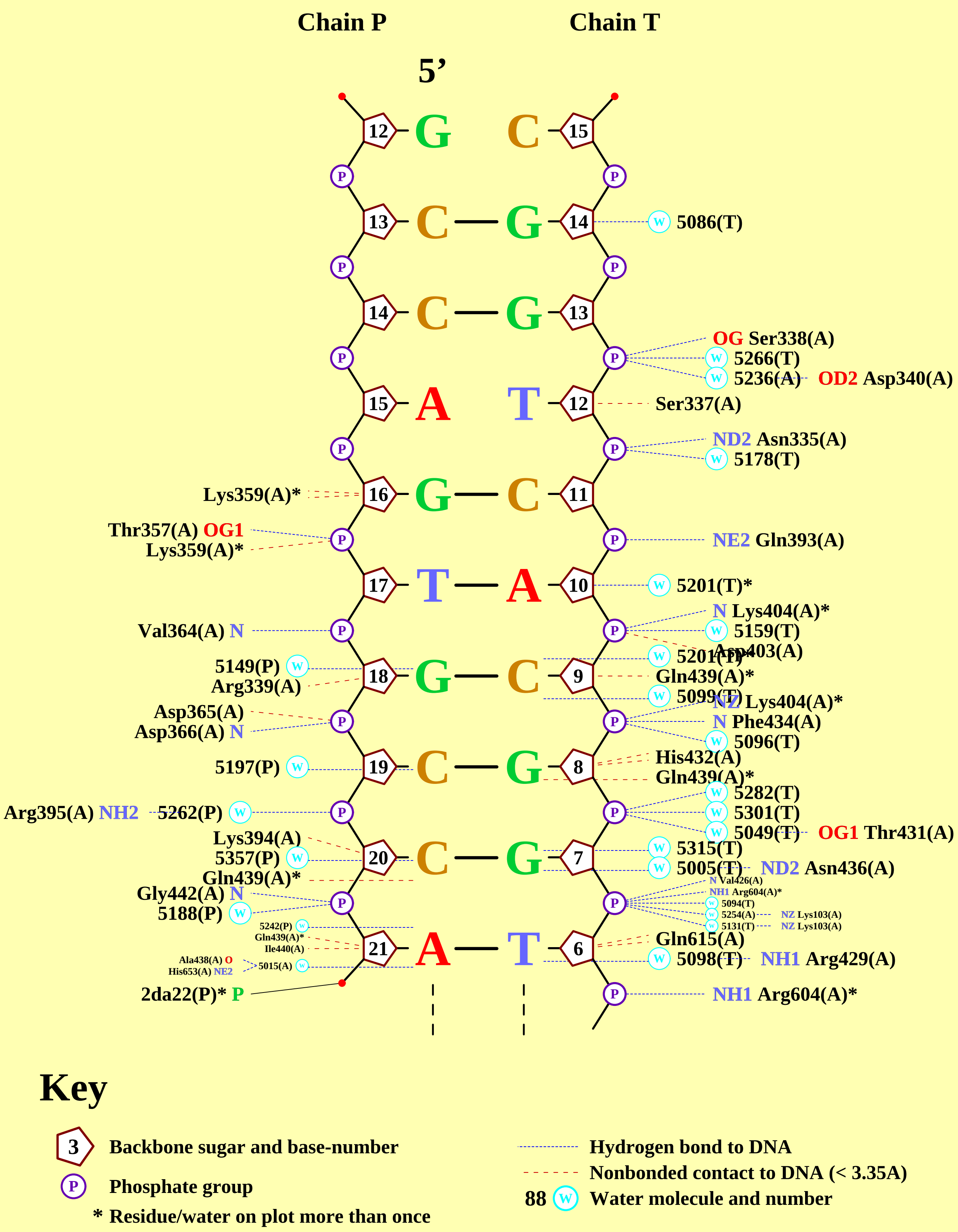
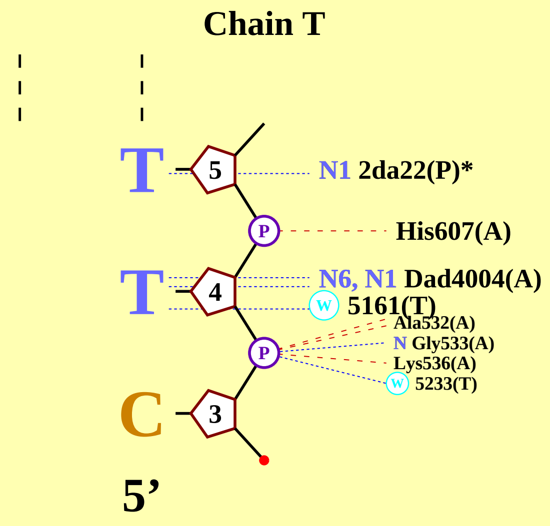

Chain P
Chain T
5’
12
G
C
15
P
P
13
C
G
14
5086(T)
P
P
14
C
G
13
OG Ser338(A)
5266(T)
5236(A)
OD2 Asp340(A)
P
P
15
A
T
12
Ser337(A)
P
P
ND2 Asn335(A)
5178(T)
Lys359(A)*
16
G
C
11
Thr357(A) OG1
Lys359(A)*
P
P
NE2 Gln393(A)
17
T
A
10
5201(T)*
Val364(A) N
P
P
N Lys404(A)*
5159(T)
Asp403(A)
5201(T)*
5149(P)
Arg339(A)
18
G
C
9
Gln439(A)*
5099(T)
NZ Lys404(A)*
Asp365(A)
Asp366(A) N
P
P
N Phe434(A)
5096(T)
5197(P)
19
C
G
8
His432(A)
Gln439(A)*
Arg395(A) NH2
5262(P)
P
P
5282(T)
5301(T)
5049(T)
OG1 Thr431(A)
Lys394(A)
5357(P)
20
C
G
7
5315(T)
5005(T)
ND2 Asn436(A)
Gln439(A)*
Gly442(A) N
5188(P)
P
P
N Val426(A)
NH1 Arg604(A)*
5094(T)
5254(A)
NZ Lys103(A)
5131(T)
NZ Lys103(A)
5242(P)
Gln439(A)*
Ile440(A)
21
A
T
6
Gln615(A)
5098(T)
NH1 Arg429(A)
Ala438(A) O
His653(A) NE2
5015(A)
2da22(P)* P
P
NH1 Arg604(A)*
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