Figure 1

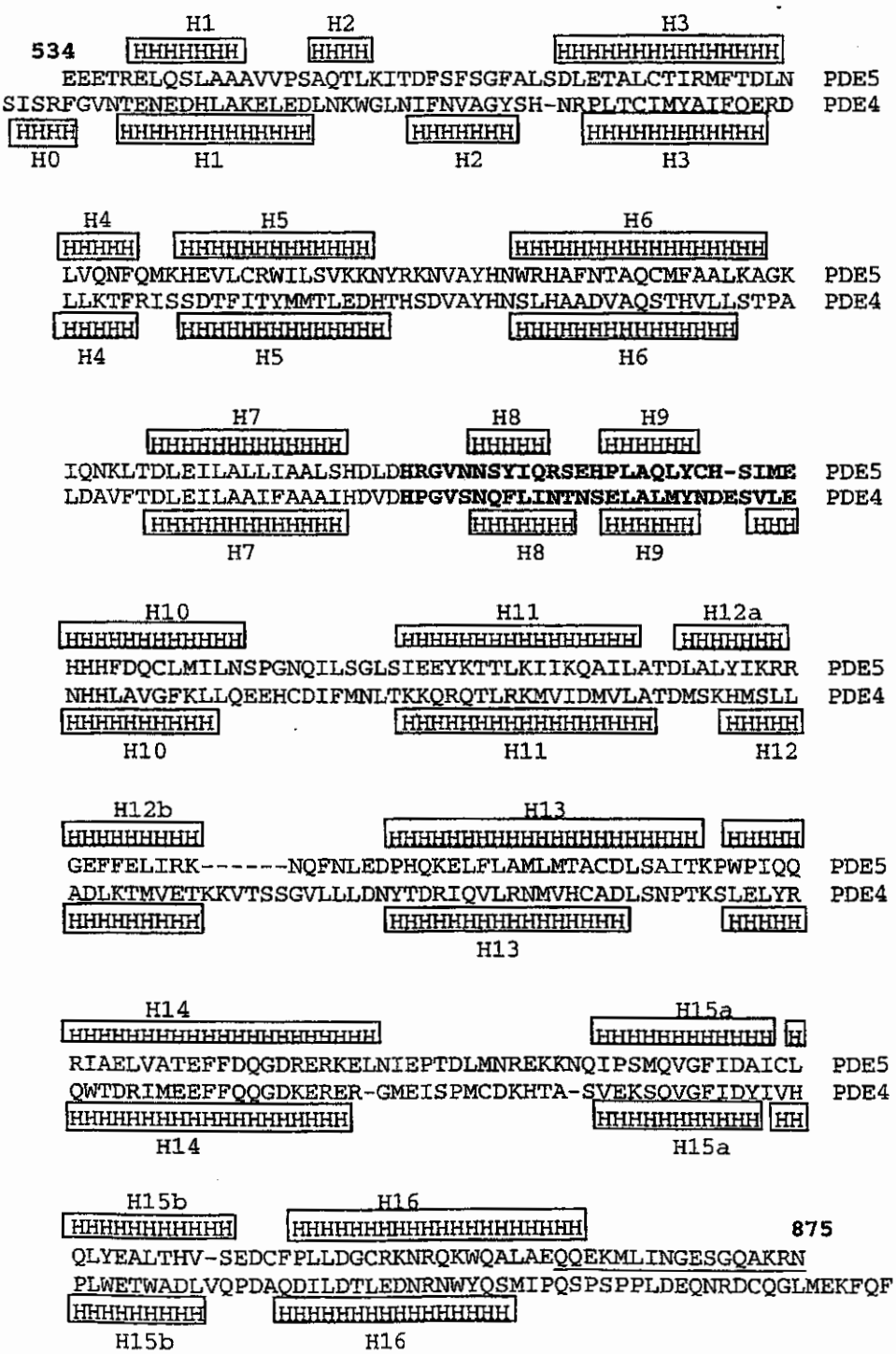

H1 H2 H3
534
EEETRELQSLAAAVVPSAQTLKITDFSFSGFALSDLETALCTIRMFTDLN PDE5
SISRFGVNTENEDHLAKELEDLNKWGLNIFNVAGYSH-NRPLTCIMYAIFQERD PDE4
H0 H1 H2 H3
H4 H5 H6
LVQNFQMKHEVLCRWILSVKKNYRKNVAYHNWRHAFNTAQCMFAALKAGK PDE5
LLKTFRISSDTFITYMMTLEDHTHSDVAYHNSLHAADVAQSTHVLLSTPA PDE4
H4 H5 H6
H7 H8 H9
IQNKLTDLEILALLIAALSHDLDHRGVNNSYIQRSEHPLAQLYCH-SIME PDE5
LDAVFTDLEILAAIFAAAIHDVDHPGVSNQFLINTNSELALMYNDESVLE PDE4
H7 H8 H9
H10 H11 H12a
HHHFDQCLMILNSPGNQILSGLSIEEYKTTLKIIKQAILATDLALYIKRR PDE5
NHHLAVGFKLLQEEHCDIFMNLTKKQRQTLRKMVIDMVLATDMSKHMSLL PDE4
H10 H11 H12
H12b H13
GEFFELIRK------NQFNLEDPHQKELFLAMLMTACDLSAITKPWPIQQ PDE5
ADLKTMVETKKVTSSGVLLLDNYTDRIQVLRNMVHCADLSNPTKSLELYR PDE4
H13
H14 H15a
RIAELVATEFFDQGDRERKELNIEPTDLMNREKKNQIPSMQVGFIDAICL PDE5
QWTDRIMEEFFQQGDKERER-GMEISPMCDKHTA-SVEKSQVGFIDYIVH PDE4
H14 H15a
H15b H16
875
QLYEALTHV-SEDCFPLLDGCRKNRQKWQALAEQQEKMLINGESGQAKRN
PLWETWADLVQPDAQDILDTLEDNRNWYQSMIPQSPSPPLDEQNRDCQGLMEKFQF
H15b H16

Figure 2

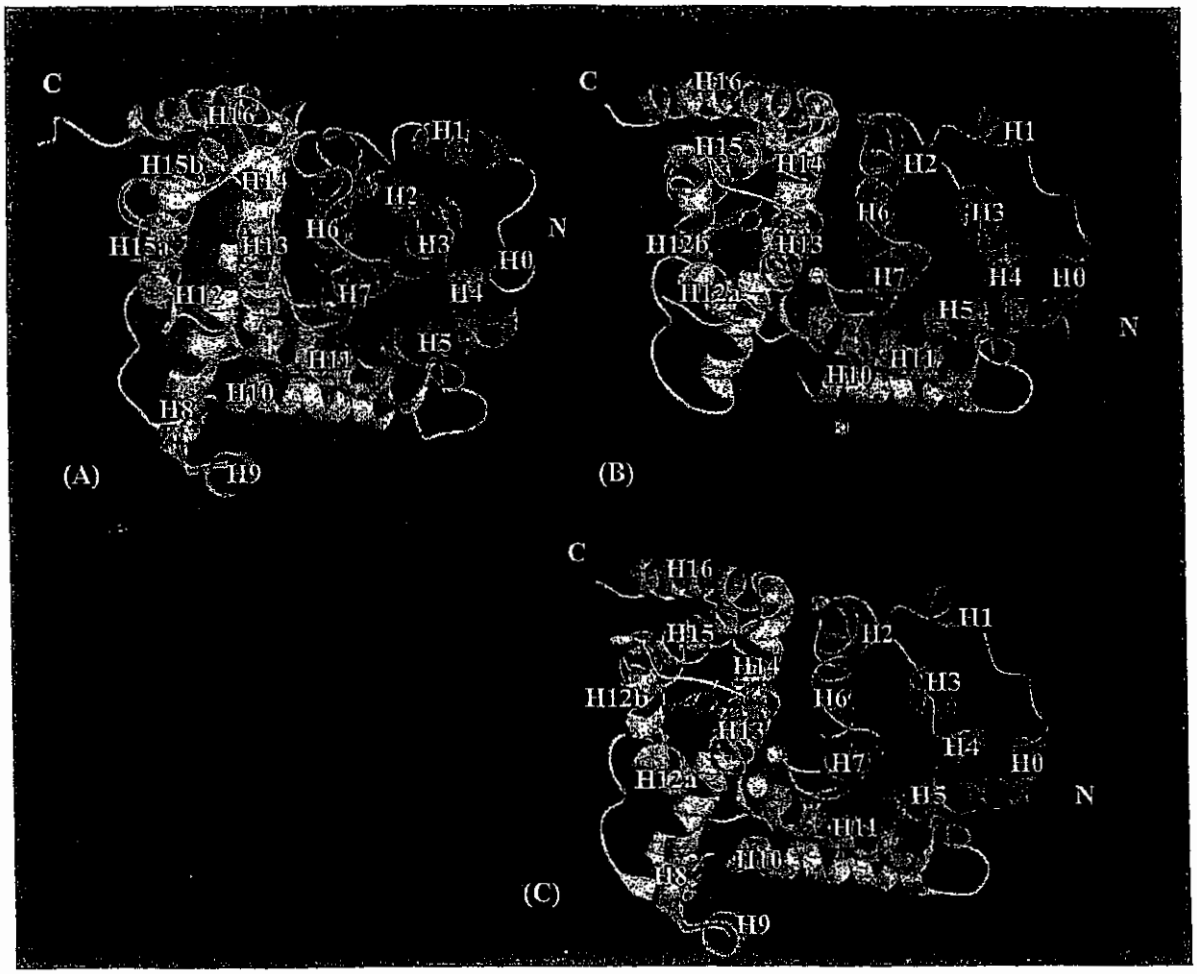

C
H16
H1
H15b
H14
H2
H6
H3
N
H15a
H13
H0
H12b
H7
H4
H12a
H5
H11
H10
H8
H9
(A)
C
H16
H15
H14
H1
H2
H6
H13
H12b
H13
H7
H4
H0
H12a
H5
N
H11
H10
(B)
C
H16
H15
H2
H1
H14
H3
H12b
H6
H13
H4
H7
H0
H12a
H5
N
H14
H10
H8
H9
(C)

Figure 3

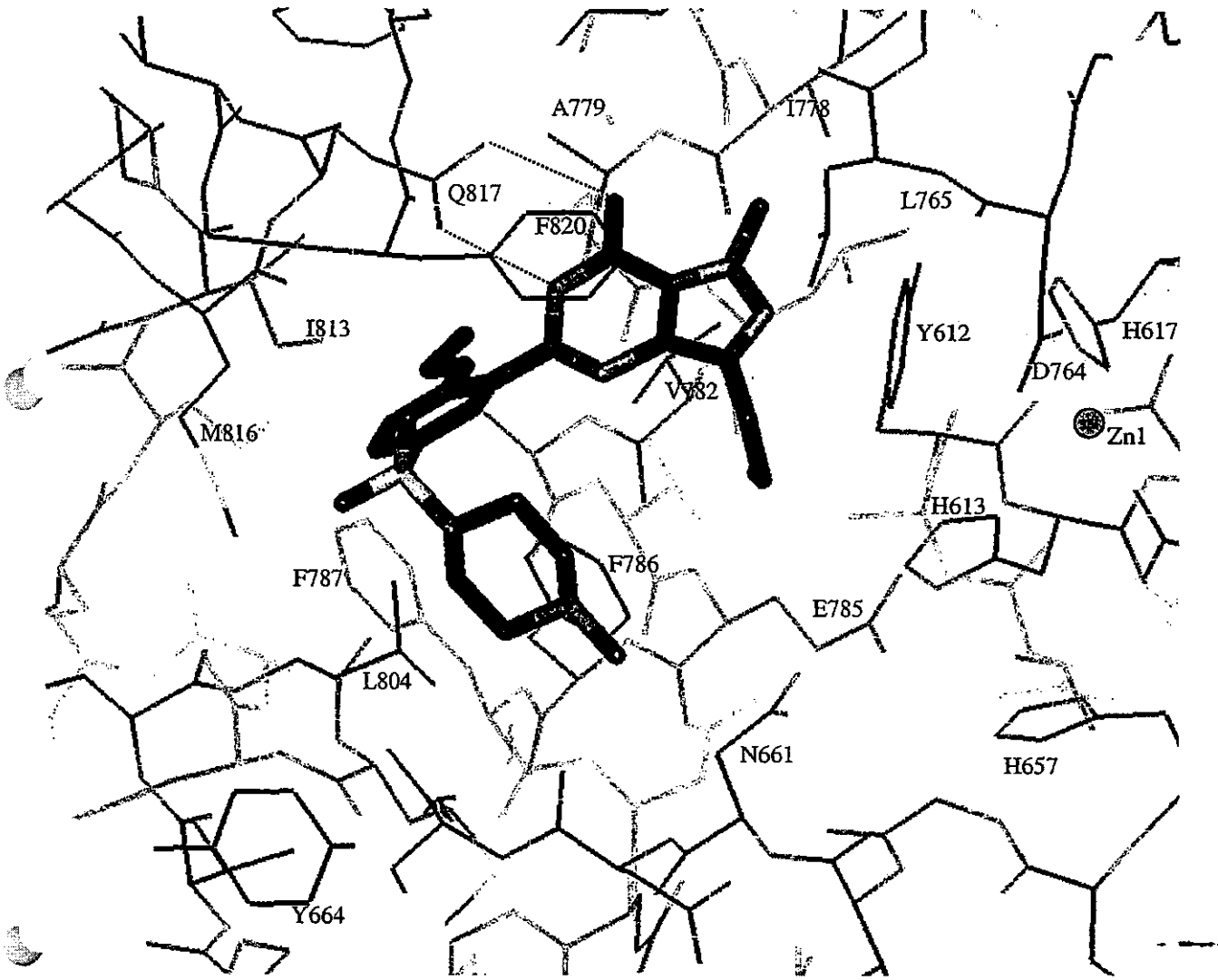

A779
I778
Q817
F820
L765
I813
Y612
H617
D764
V782
M816
Zn1
H613
F787
F786
E785
L804
N661
H657
Y664

Figure 4

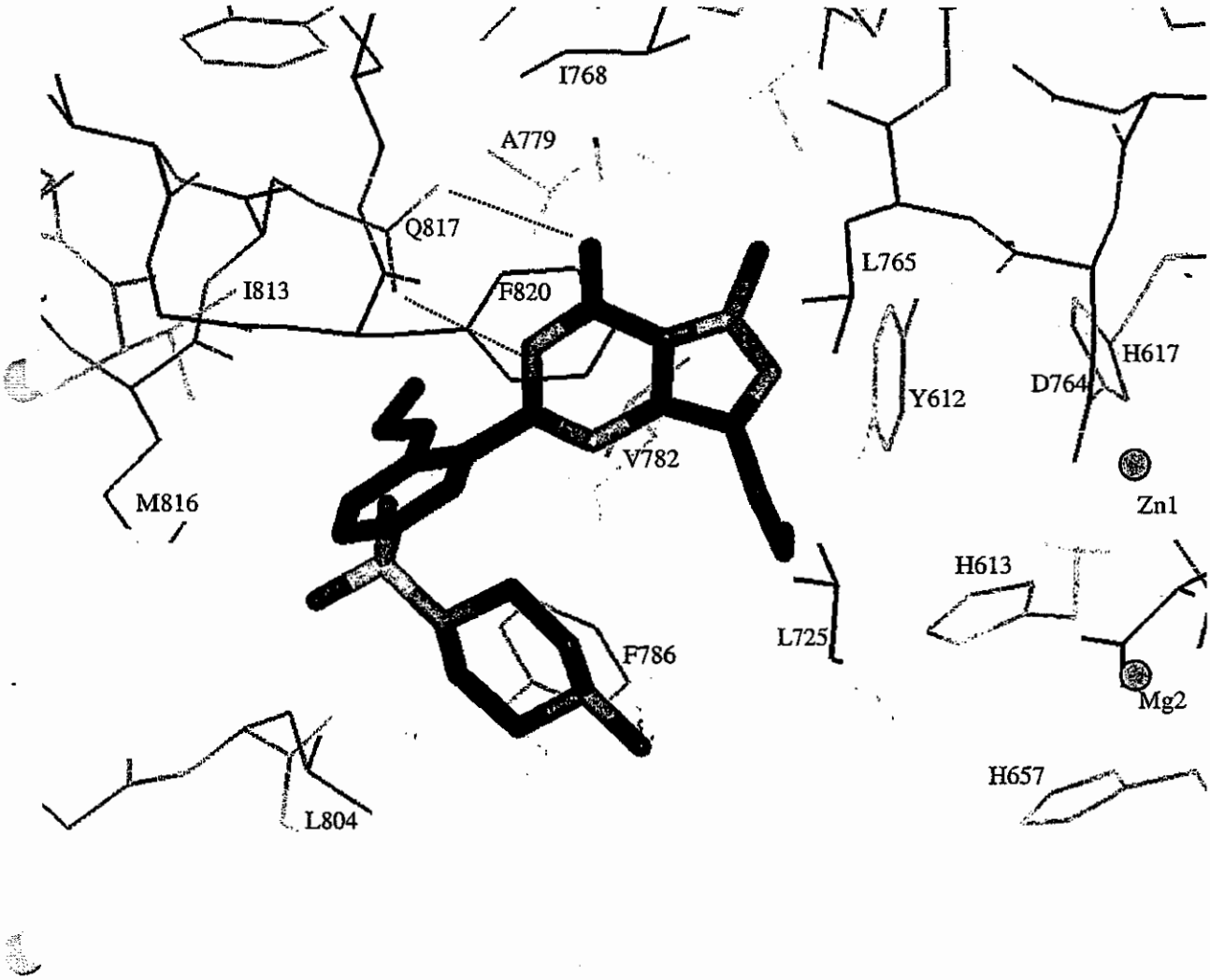

I768
A779
Q817
I813
F820
L765
H617
D764
Y612
V782
Zn1
M816
H613
L725
F786
Mg2
H657
L804

Figure 5

