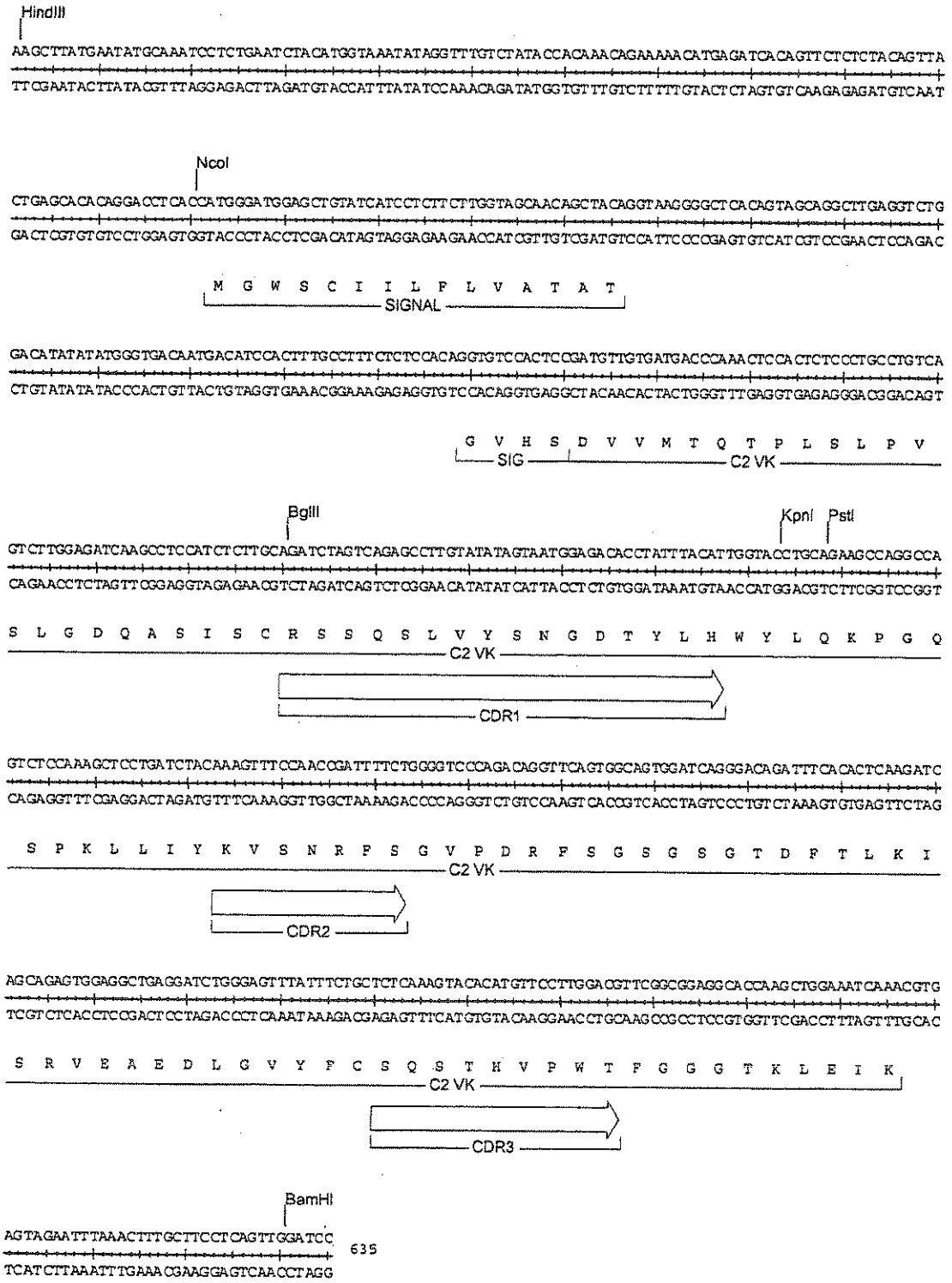


FIG 1
(Example 2)

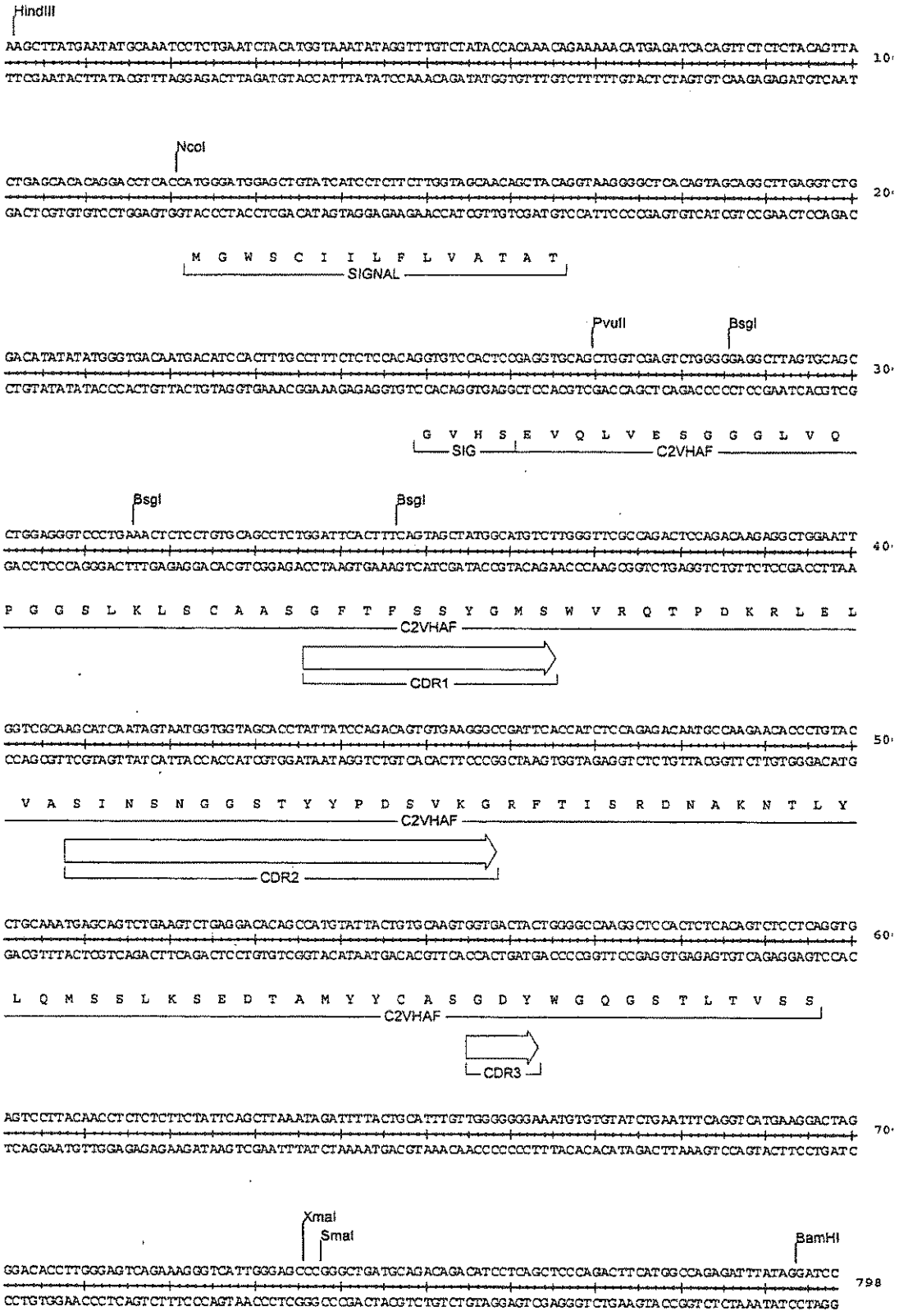


FIG 2

(Example 2)

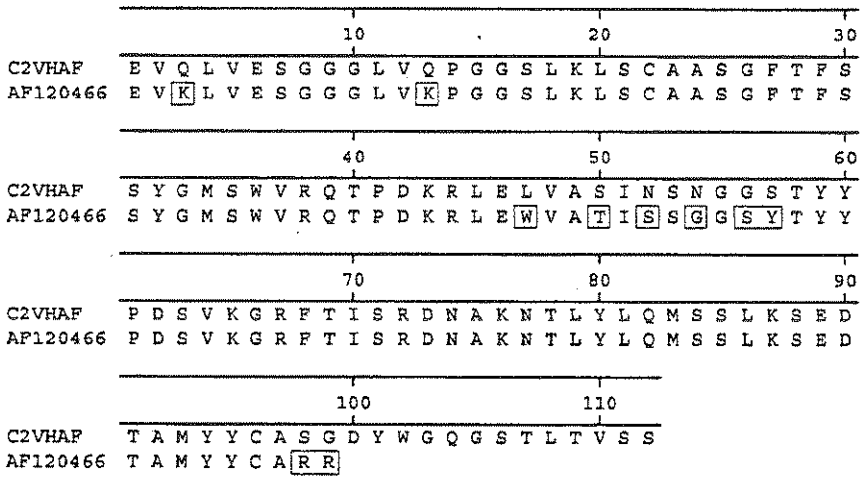


FIG 3
(Example 5.2)

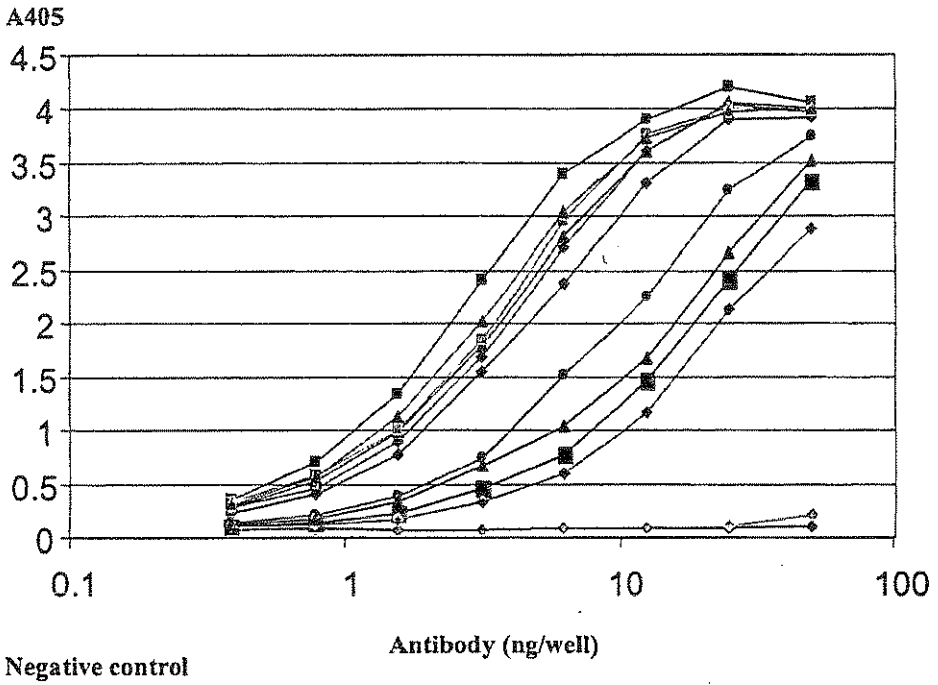


FIG 4
(Example 8)

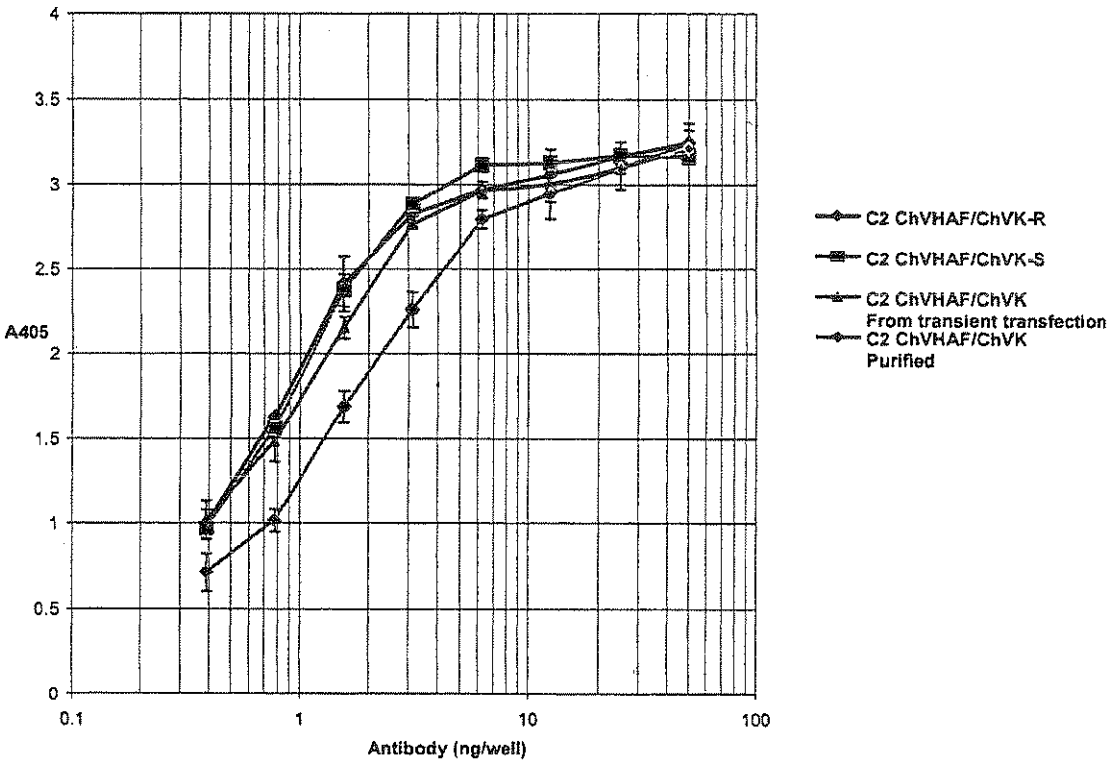


FIG 5
(Example 9)

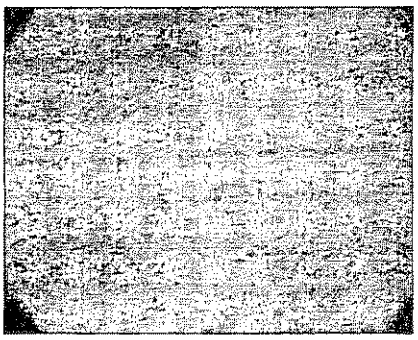
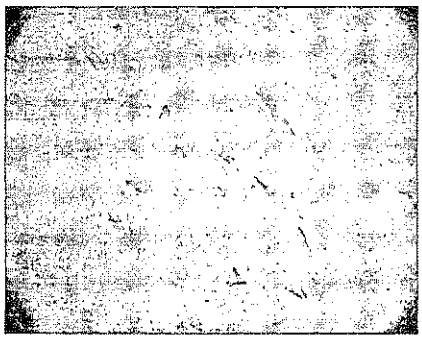
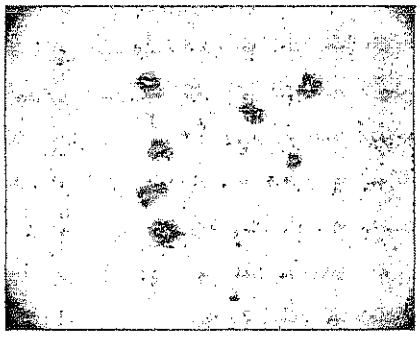
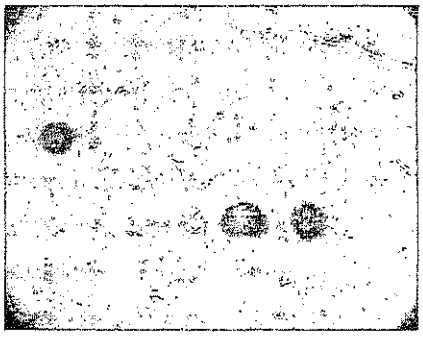
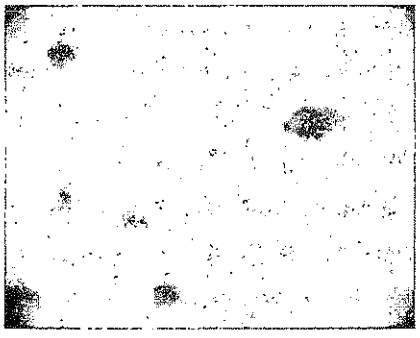
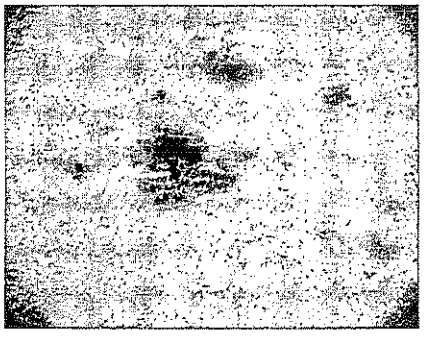
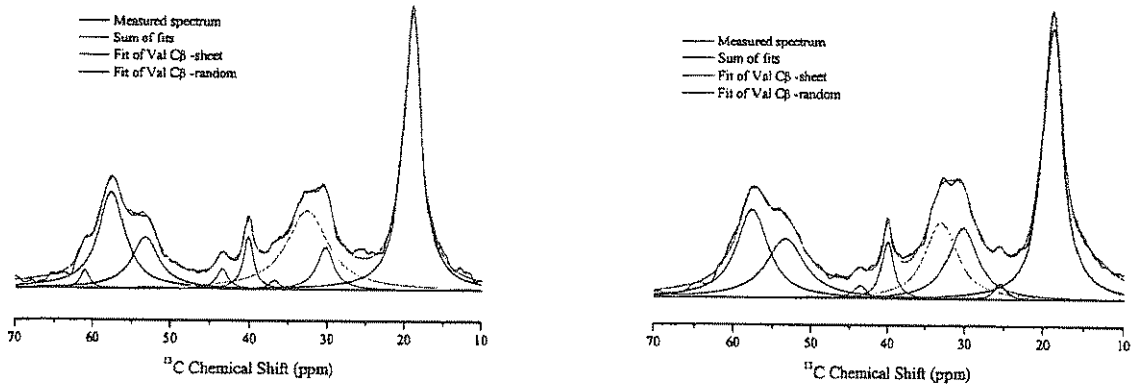
	C: Antibody hC2	A: Chimeric antibody
Control patient		
	Temporal neocortex region I, 40 x	CA4 (Cornu ammonis region 4), 40 x
AD patient		
	Temporal neocortex region I, 40 x	Temporal neocortex region I, 40 x
preAD patient		
	Temporal neocortex region I, 40 x	Temporal neocortex region I, 40 x

FIG 6 (Example 11)

A)



B)

Resonance	PBS			Mouse C2		
	δ ISO (ppm)	FWHH (Hz)	% Integral Intensity	δ ISO (ppm)	FWHH (Hz)	% Integral Intensity
Val Cβ -sheet	32.60	479	81.7	33.09	366	53.5
Val Cβ -random	30.27	200	18.3	30.27	340	46.5

A) Comparison of ^{13}C CPMAS spectra and fits for U-^{13}C Tyr10 and Val12 labelled amyloid β1-42 fibres incubated with PBS (left; served as control) or ACI-7-C2 (right) for 24 hrs and then lyophilised. The fits for the two conformations of Val12 Cβ are shown in green (sheet) and blue (random coil). The peak at c33 ppm corresponds to the beta sheet conformation of the fibres whilst that at 30 ppm is a result of random coil conformation.

B): Comparison of the fitted parameters for the two conformations of Val 12 Cβ. The fitted chemical shifts for the two conformations are quite similar but the integral intensities are very different, reflecting a reduction in the original beta sheet conformation by approx 35% (1-(53.5/81.7)). This is in very close agreement with the value we obtained from the fluorescence measurement.

FIG 7
(Example 12)

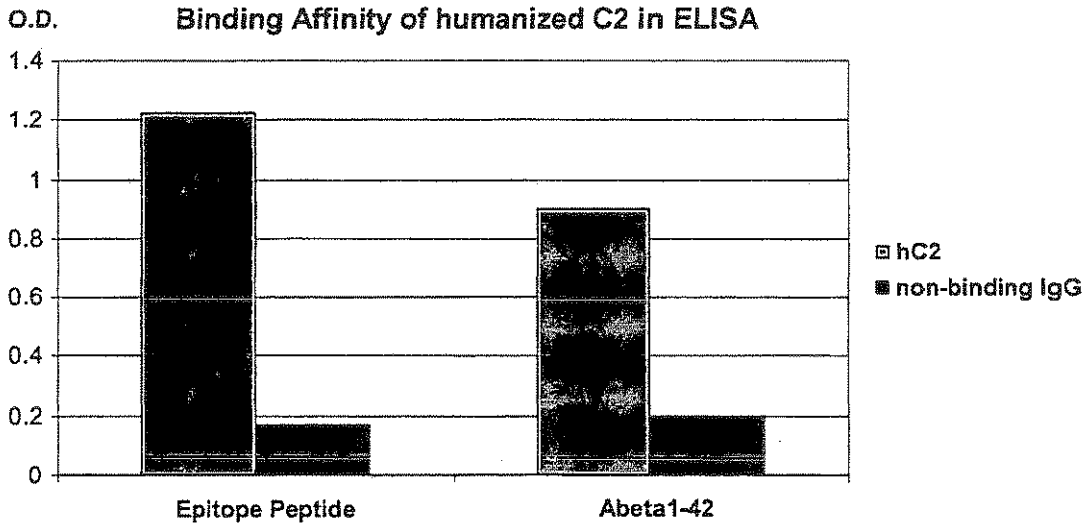


FIG 8
(Example 12)

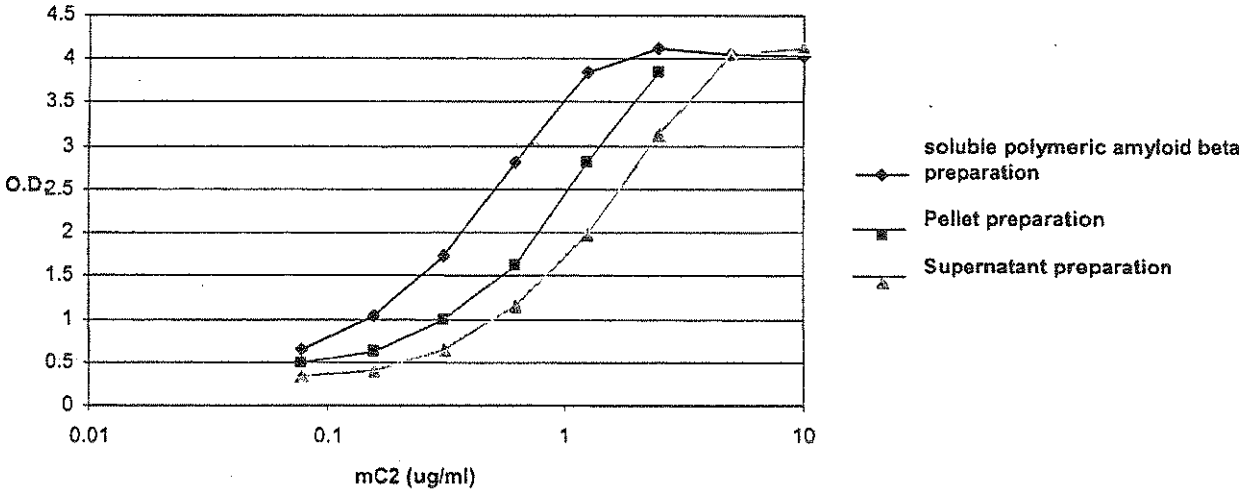


FIG 9

(Example 13)

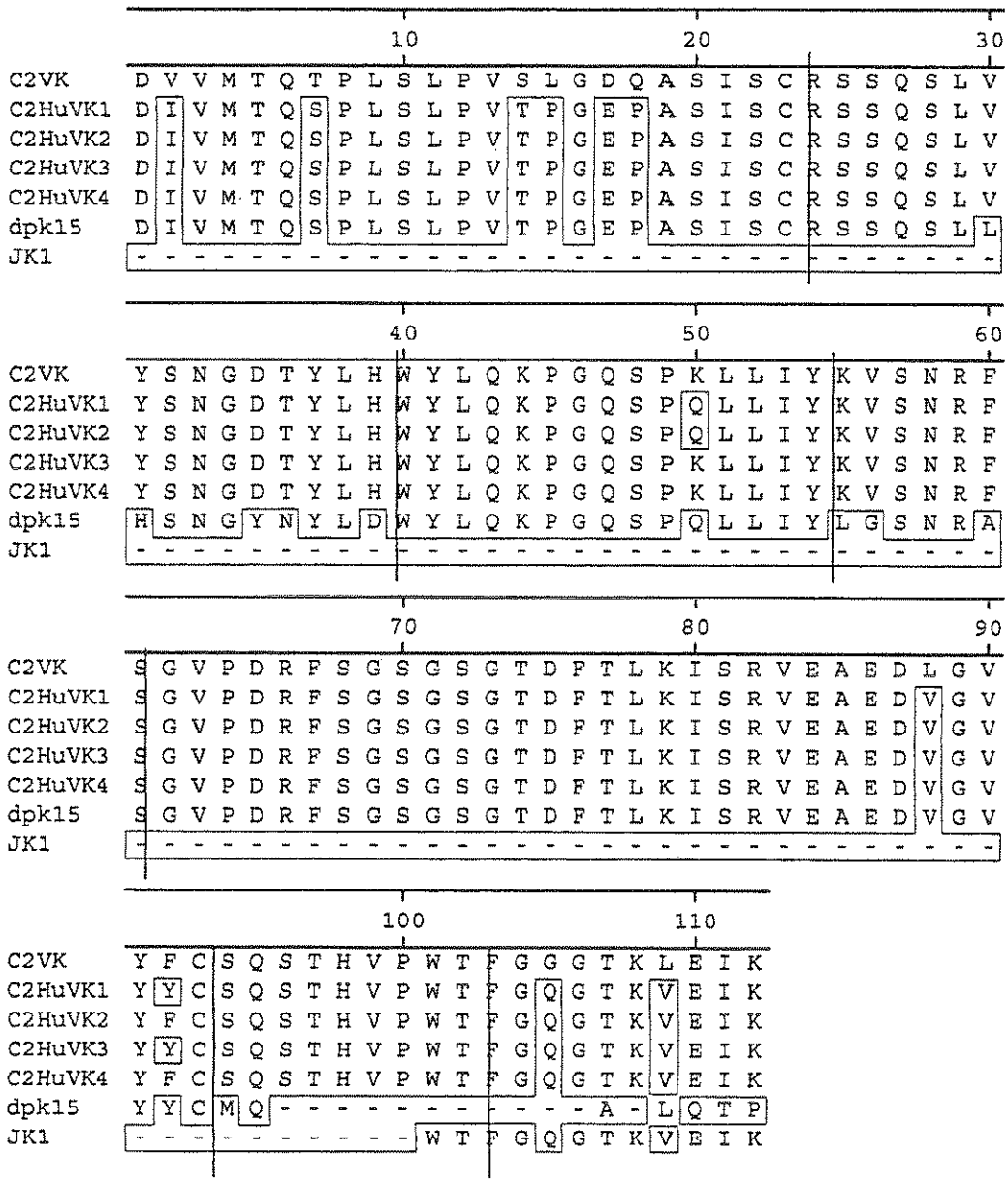

10 20 30
C2VK D V V M T Q T P L S L P V S L G D Q A S I S C R S S Q S L V
C2HuVK1 D I V M T Q S P L S L P V T P G E P A S I S C R S S Q S L V
C2HuVK2 D I V M T Q S P L S L P V T P G E P A S I S C R S S Q S L V
C2HuVK3 D I V M T Q S P L S L P V T P G E P A S I S C R S S Q S L V
C2HuVK4 D I V M T Q S P L S L P V T P G E P A S I S C R S S Q S L V
dpk15 D I V M T Q S P L S L P V T P G E P A S I S C R S S Q S L L
JK1 -
40 50 60
C2VK Y S N G D T Y L H W Y L Q K P G Q S P K L L I Y K V S N R F
C2HuVK1 Y S N G D T Y L H W Y L Q K P G Q S P Q L L I Y K V S N R F
C2HuVK2 Y S N G D T Y L H W Y L Q K P G Q S P Q L L I Y K V S N R F
C2HuVK3 Y S N G D T Y L H W Y L Q K P G Q S P K L L I Y K V S N R F
C2HuVK4 Y S N G D T Y L H W Y L Q K P G Q S P K L L I Y K V S N R F
dpk15 H S N G Y N Y L D W Y L Q K P G Q S P Q L L I Y L G S N R A
JK1 -
70 80 90
C2VK S G V P D R F S G S G S G T D F T L K I S R V E A E D L G V
C2HuVK1 S G V P D R F S G S G S G T D F T L K I S R V E A E D V G V
C2HuVK2 S G V P D R F S G S G S G T D F T L K I S R V E A E D V G V
C2HuVK3 S G V P D R F S G S G S G T D F T L K I S R V E A E D V G V
C2HuVK4 S G V P D R F S G S G S G T D F T L K I S R V E A E D V G V
dpk15 S G V P D R F S G S G S G T D F T L K I S R V E A E D V G V
JK1 -
100 110
C2VK Y F C S Q S T H V P W T F G G G T K L E I K
C2HuVK1 Y Y C S Q S T H V P W T F G Q G T K V E I K
C2HuVK2 Y F C S Q S T H V P W T F G Q G T K V E I K
C2HuVK3 Y Y C S Q S T H V P W T F G Q G T K V E I K
C2HuVK4 Y F C S Q S T H V P W T F G Q G T K V E I K
dpk15 Y Y C M Q - - - - - - - - - - A - L Q T P
JK1 - - - - - - - - - - W T F G Q G T K V E I K

FIG 10.

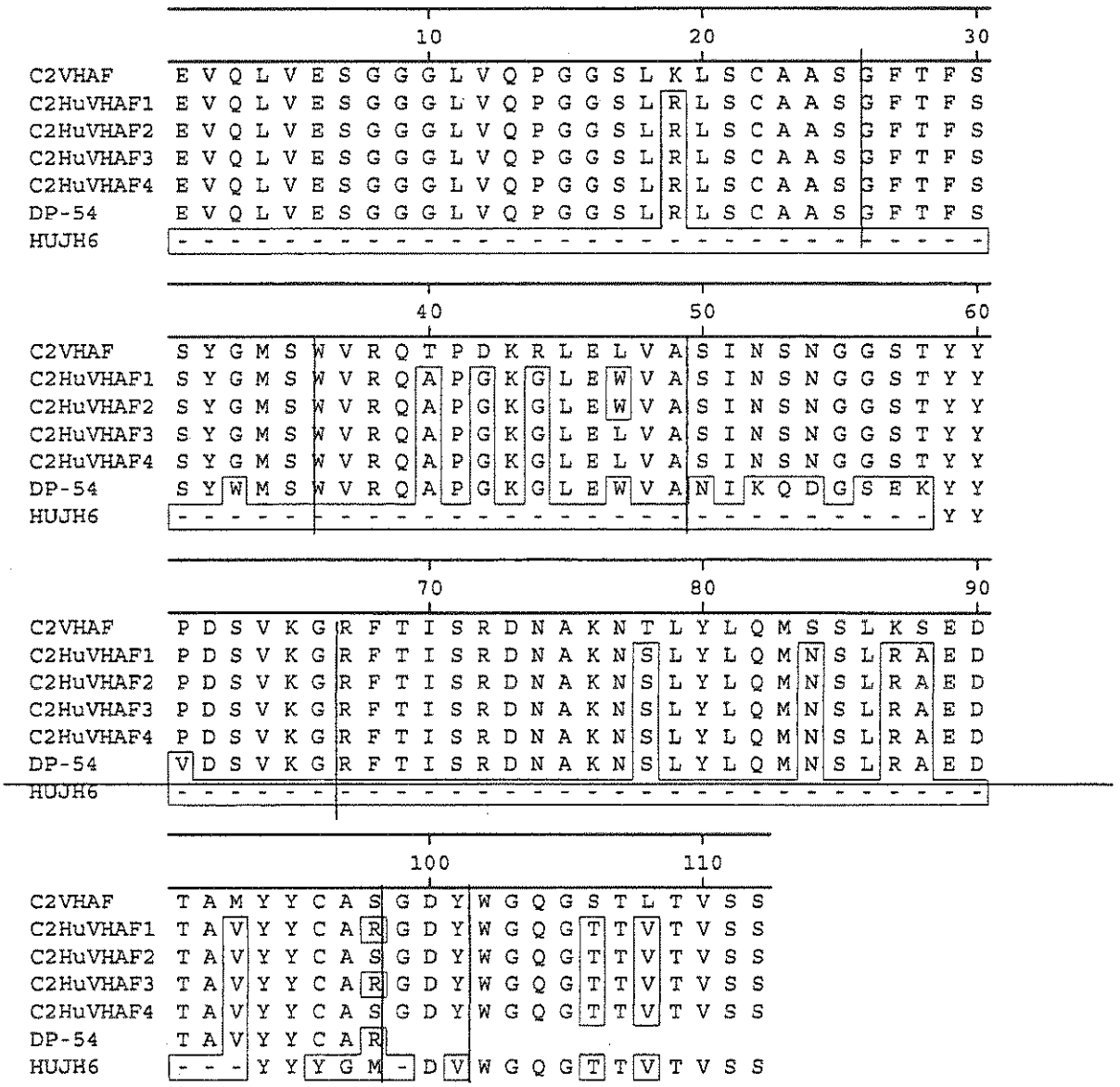

10 20 30
C2VHAF E V Q L V E S G G G L V Q P G G S L K L S C A A S G F T F S
C2HuVHAF1 E V Q L V E S G G G L V Q P G G S L R L S C A A S G F T F S
C2HuVHAF2 E V Q L V E S G G G L V Q P G G S L R L S C A A S G F T F S
C2HuVHAF3 E V Q L V E S G G G L V Q P G G S L R L S C A A S G F T F S
C2HuVHAF4 E V Q L V E S G G G L V Q P G G S L R L S C A A S G F T F S
DP-54 E V Q L V E S G G G L V Q P G G S L R L S C A A S G F T F S
HUJH6 -
40 50 60
C2VHAF S Y G M S W V R Q T P D K R L E L V A S I N S N G G S T Y Y
C2HuVHAF1 S Y G M S W V R Q A P G K G L E W V A S I N S N G G S T Y Y
C2HuVHAF2 S Y G M S W V R Q A P G K G L E W V A S I N S N G G S T Y Y
C2HuVHAF3 S Y G M S W V R Q A P G K G L E L V A S I N S N G G S T Y Y
C2HuVHAF4 S Y G M S W V R Q A P G K G L E L V A S I N S N G G S T Y Y
DP-54 S Y W M S W V R Q A P G K G L E W V A N I K Q D G S E K Y Y
HUJH6 - Y Y
70 80 90
C2VHAF P D S V K G R F T I S R D N A K N T L Y L Q M S S L K S E D
C2HuVHAF1 P D S V K G R F T I S R D N A K N S L Y L Q M N S L R A E D
C2HuVHAF2 P D S V K G R F T I S R D N A K N S L Y L Q M N S L R A E D
C2HuVHAF3 P D S V K G R F T I S R D N A K N S L Y L Q M N S L R A E D
C2HuVHAF4 P D S V K G R F T I S R D N A K N S L Y L Q M N S L R A E D
DP-54 V D S V K G R F T I S R D N A K N S L Y L Q M N S L R A E D
HUJH6 -
100 110
C2VHAF T A M Y Y C A S G D Y W G Q G S T L T V S S
C2HuVHAF1 T A V Y Y C A R G D Y W G Q G T T V T V S S
C2HuVHAF2 T A V Y Y C A S G D Y W G Q G T T V T V S S
C2HuVHAF3 T A V Y Y C A R G D Y W G Q G T T V T V S S
C2HuVHAF4 T A V Y Y C A S G D Y W G Q G T T V T V S S
DP-54 T A V Y Y C A R
HUJH6 - - - Y Y Y G M - D V W G Q G T T V T V S S

FIG 11.

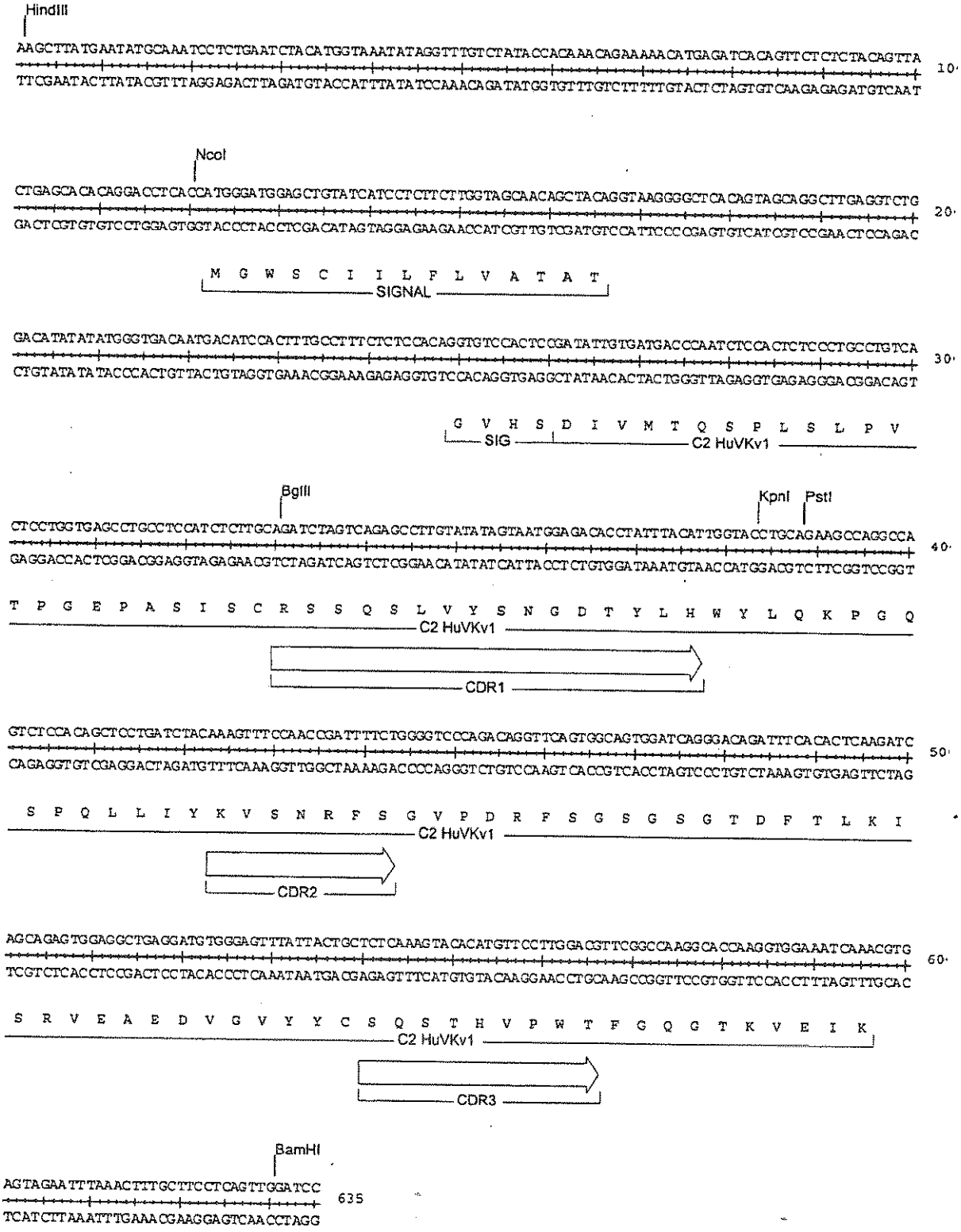

HindIII
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10
NcoI
CTGAGCACACAGGACCTCACCATGGGATGGAGCTGTATCATCCTCTTCTTGGTAGCAACAGCTACAGGTAAGGGGCTCACAGTAGCAGGCTTGAGGTCTG
GACTCGTGTGTCCTGGAGTGGTACCCTACCTCGACATAGTAGGAGAAGAACCATCGTTGTCGATGTCCATTCCCCGAGTGTCATCGTCCGAACTCCAGAC
20
M G W S C I I L F L V A T A T
SIGNAL
GACATATATATGGGTGACAATGACATCCACTTTGCCTTTCTCTCCACAGGTGTCCACTCCGATATTGTGATGACCCAATCTCCACTCTCCCTGCCTGTCA
CTGTATATATACCCACTGTTACTGTAGGTGAAACGGAAAGAGAGGTGTCCACAGGTGAGGCTATAACACTACTGGGTTAGAGGTGAGAGGGACGGACAGT
30
G V H S D I V M T Q S P L S L P V
SIG
C2 HuVKv1
BglII
KpnI
PstI
CTCCTGGTGAGCCTGCCTCCATCTCTTGCAGATCTAGTCAGAGCCTTGTATATAGTAATGGAGACACCTATTTACATTGGTACCTGCAGAAGCCAGGCCA
GAGGACCACTCGGACGGAGGTAGAGAACGTCTAGATCAGTCTCGGAACATATATCATTACCTCTGTGGATAAATGTAACCATGGACGTCTTCGGTCCGGT
40
T P G E P A S I S C R S S Q S L V Y S N G D T Y L H W Y L Q K P G Q
C2 HuVKv1
CDR1
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CAGAGGTGTCGAGGACTAGATGTTTCAAAGGTTGGCTAAAAGACCCCAGGGTCTGTCCAAGTCACCGTCACCTAGTCCCTGTCTAAAGTGTGAGTTCTAG
50
S P Q L L I Y K V S N R F S G V P D R F S G S G S G T D F T L K I
C2 HuVKv1
CDR2
AGCAGAGTGGAGGCTGAGGATGTGGGAGTTTATTACTGCTCTCAAAGTACACATGTTCCTTGGACGTTCGGCCAAGGCACCAAGGTGGAAATCAAACGTG
TCGTCTCACCTCCGACTCCTACACCCTCAAATAATGACGAGAGTTTCATGTGTACAAGGAACCTGCAAGCCGGTTCCGTGGTTCCACCTTTAGTTTGCAC
60
S R V E A E D V G V Y Y C S Q S T H V P W T F G Q G T K V E I K
C2 HuVKv1
CDR3
BamHI
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635

FIG 12

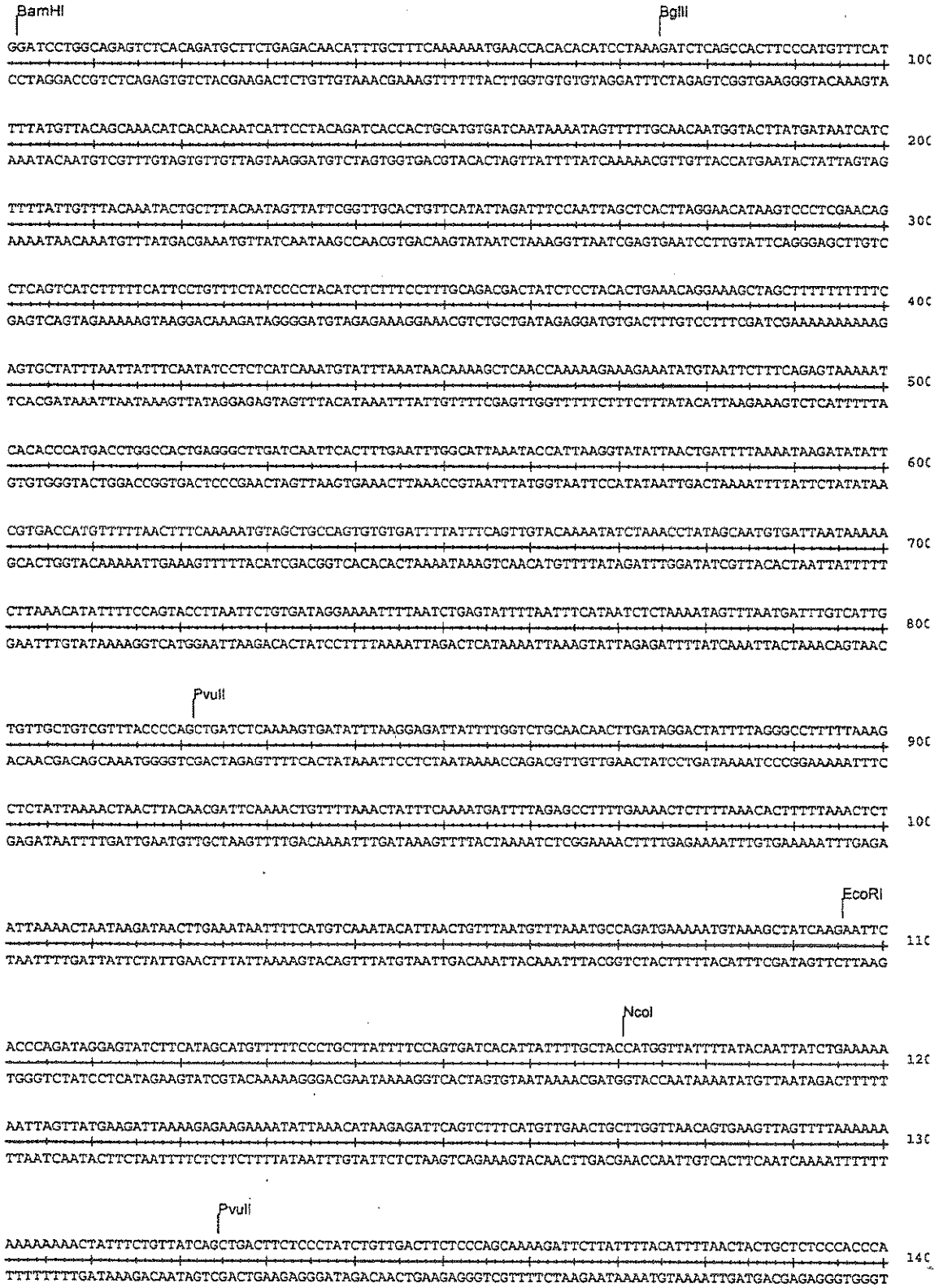


FIG 13-1

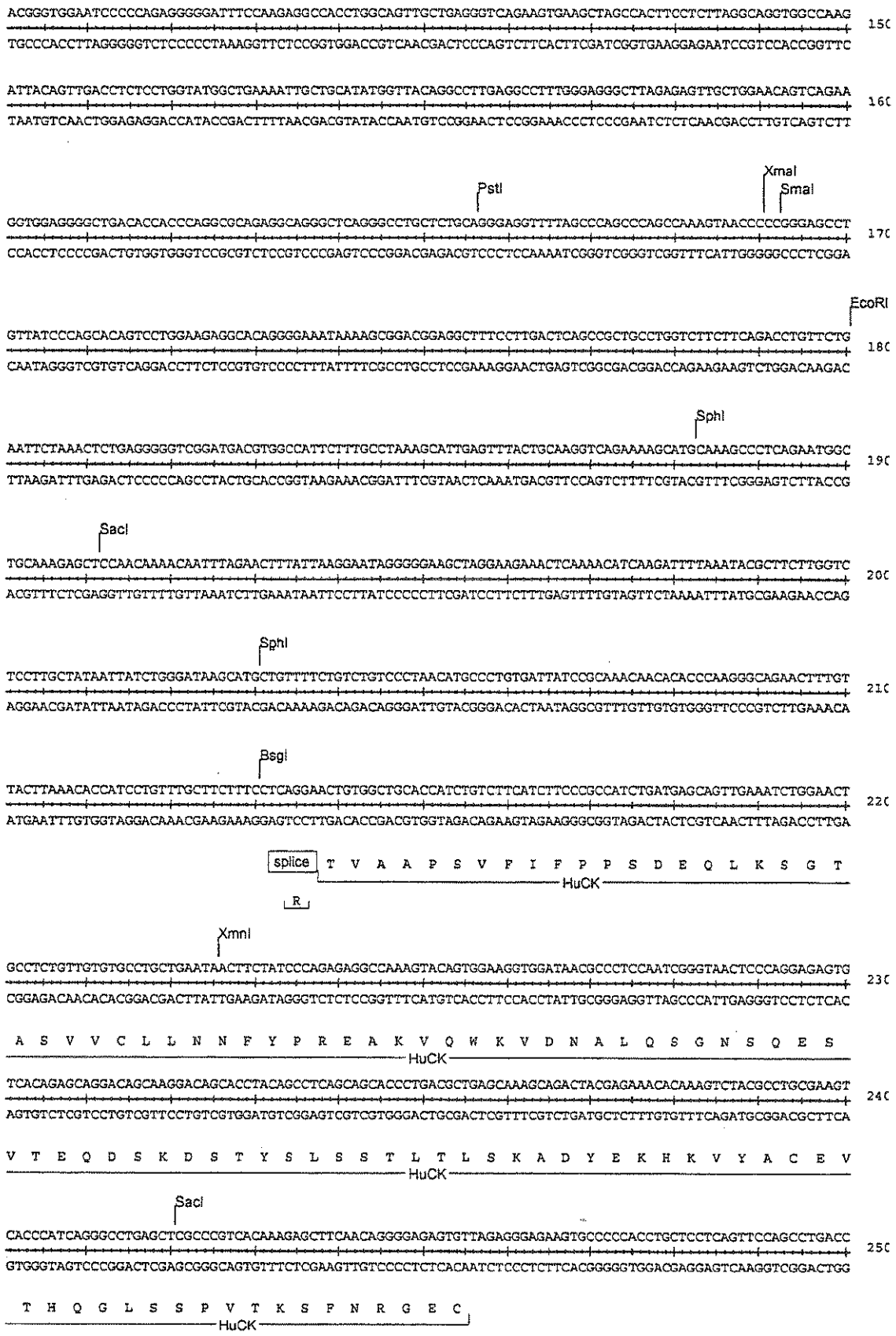

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160
PstI
XmaI
SmaI
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170
EcoRI
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180
SphI
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SphI
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BsgI
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220
splice
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HuCK
R
XmnI
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CGGAGACAACACACGGACGACTTATTGAAGATAGGGTCTCTCCGGTTTCATGTCACCTTCCACCTATTGCGGGAGGTTAGCCCATTGAGGGTCCTCTCAC
230
A S V V C L L N N F Y P R E A K V Q W K V D N A L Q S G N S Q E S
HuCK
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240
V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V
HuCK
SacI
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FIG 13-2

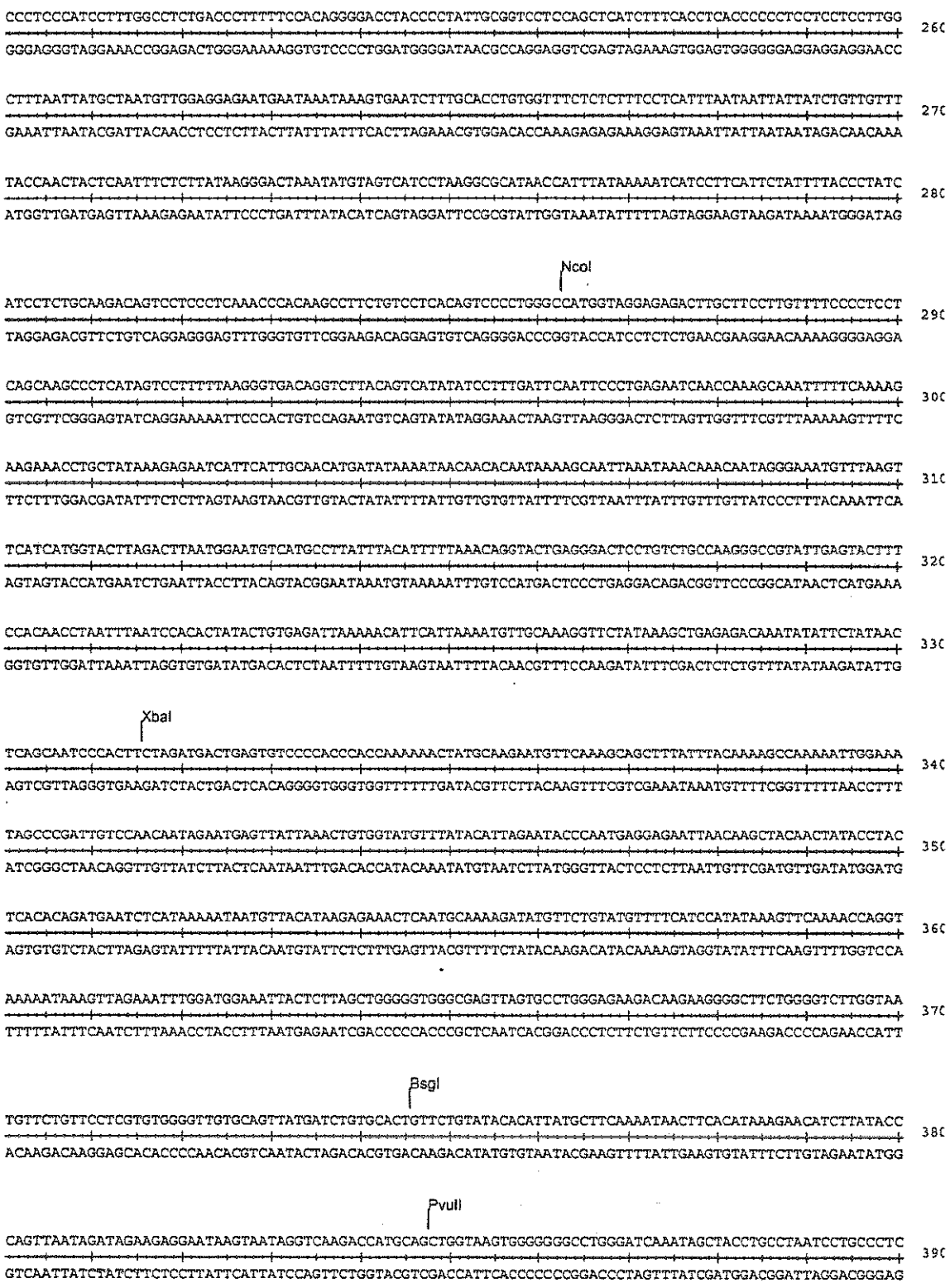

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BsgI
TGTTCTGTTCCTCGTGTGGGGTTGTGCAGTTATGATCTGTGCACTGTTCTGTATACACATTATGCTTCAAAATAACTTCACATAAAGAACATCTTATACC
ACAAGACAAGGAGCACACCCCAACACGTCAATACTAGACACGTGACAAGACATATGTGTAATACGAAGTTTTATTGAAGTGTATTTCTTGTAGAATATGG
PvuII
CAGTTAATAGATAGAAGAGGAATAAGTAATAGGTCAAGACCATGCAGCTGGTAAGTGGGGGGGCCTGGGATCAAATAGCTACCTGCCTAATCCTGCCCTC
GTCAATTATCTATCTTCTCCTTATTCATTATCCAGTTCTGGTACGTCGACCATTCACCCCCCGGACCCTAGTTTATCGATGGACGGATTAGGACGGGAG

FIG 13-3

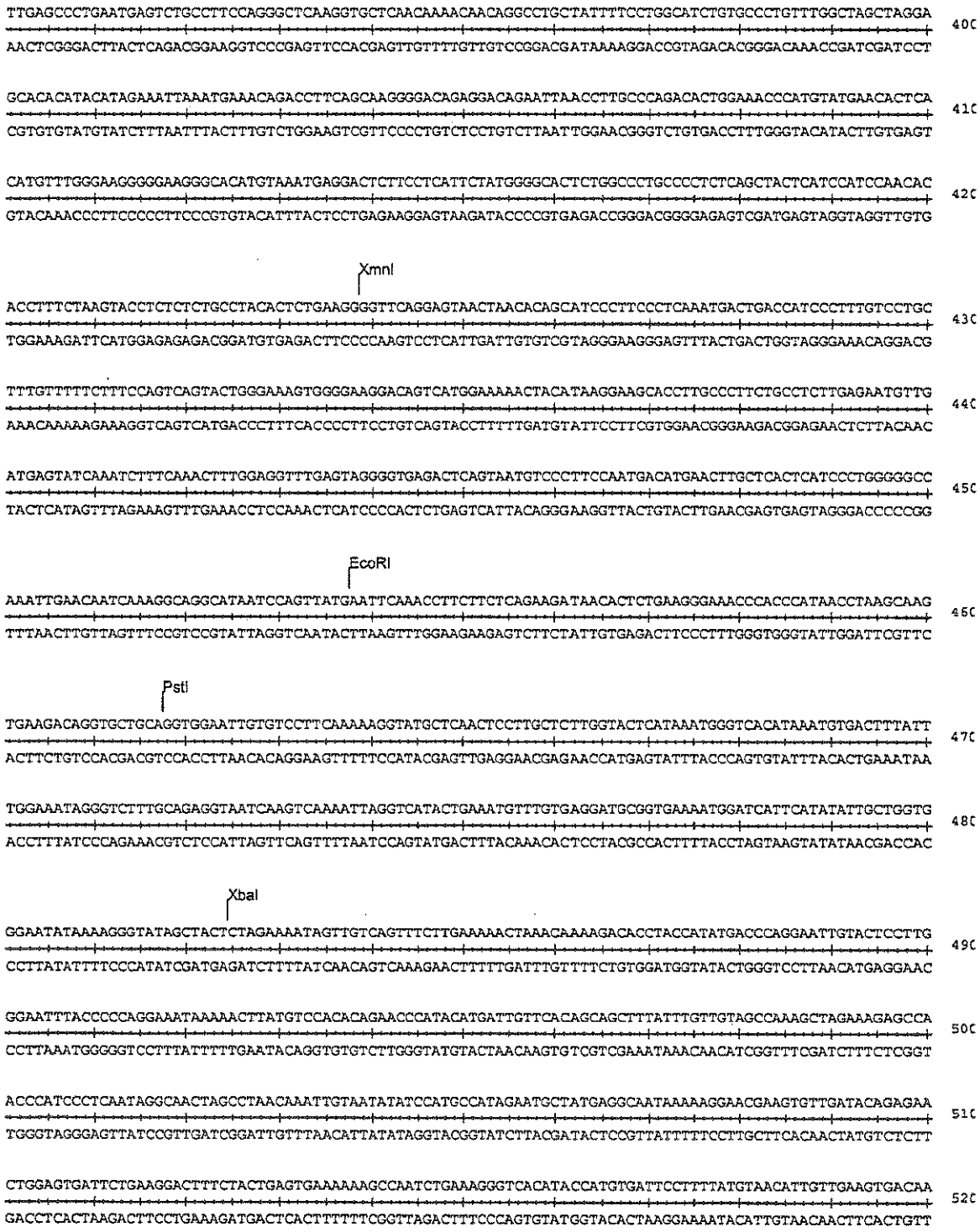

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400
GCACACATACATAGAAATTAAATGAAACAGACCTTCAGCAAGGGGACAGAGGACAGAATTAACCTTGCCCAGACACTGGAAACCCATGTATGAACACTCA
CGTGTGTATGTATCTTTAATTTACTTTGTCTGGAAGTCGTTCCCCTGTCTCCTGTCTTAATTGGAACGGGTCTGTGACCTTTGGGTACATACTTGTGAGT
410
CATGTTTGGGAAGGGGGAAGGGCACATGTAAATGAGGACTCTTCCTCATTCTATGGGGCACTCTGGCCCTGCCCCTCTCAGCTACTCATCCATCCAACAC
GTACAAACCCTTCCCCCTTCCCGTGTACATTTACTCCTGAGAAGGAGTAAGATACCCCGTGAGACCGGGACGGGGAGAGTCGATGAGTAGGTAGGTTGTG
420
XmnI
ACCTTTCTAAGTACCTCTCTCTGCCTACACTCTGAAGGGGTTCAGGAGTAACTAACACAGCATCCCTTCCCTCAAATGACTGACCATCCCTTTGTCCTGC
TGGAAAGATTCATGGAGAGAGACGGATGTGAGACTTCCCCAAGTCCTCATTGATTGTGTCGTAGGGAAGGGAGTTTACTGACTGGTAGGGAAACAGGACG
430
TTTGTTTTTCTTTCCAGTCAGTACTGGGAAAGTGGGGAAGGACAGTCATGGAAAAACTACATAAGGAAGCACCTTGCCCTTCTGCCTCTTGAGAATGTTG
AAACAAAAAGAAAGGTCAGTCATGACCCTTTCACCCCTTCCTGTCAGTACCTTTTTGATGTATTCCTTCGTGGAACGGGAAGACGGAGAACTCTTACAAC
440
ATGAGTATCAAATCTTTCAAACTTTGGAGGTTTGAGTAGGGGTGAGACTCAGTAATGTCCCTTCCAATGACATGAACTTGCTCACTCATCCCTGGGGGCC
TACTCATAGTTTAGAAAGTTTGAAACCTCCAAACTCATCCCCACTCTGAGTCATTACAGGGAAGGTTACTGTACTTGAACGAGTGAGTAGGGACCCCCGG
450
EcoRI
AAATTGAACAATCAAAGGCAGGCATAATCCAGTTATGAATTCAAACCTTCTTCTCAGAAGATAACACTCTGAAGGGAAACCCACCCATAACCTAAGCAAG
TTTAACTTGTTAGTTTCCGTCCGTATTAGGTCAATACTTAAGTTTGGAAGAAGAGTCTTCTATTGTGAGACTTCCCTTTGGGTGGGTATTGGATTCGTTC
460
PstI
TGAAGACAGGTGCTGCAGGTGGAATTGTGTCCTTCAAAAAGGTATGCTCAACTCCTTGCTCTTGGTACTCATAAATGGGTCACATAAATGTGACTTTATT
ACTTCTGTCCACGACGTCCACCTTAACACAGGAAGTTTTTCCATACGAGTTGAGGAACGAGAACCATGAGTATTTACCCAGTGTATTTACACTGAAATAA
470
TGGAAATAGGGTCTTTGCAGAGGTAATCAAGTCAAAATTAGGTCATACTGAAATGTTTGTGAGGATGCGGTGAAAATGGATCATTCATATATTGCTGGTG
ACCTTTATCCCAGAAACGTCTCCATTAGTTCAGTTTTAATCCAGTATGACTTTACAAACACTCCTACGCCACTTTTACCTAGTAAGTATATAACGACCAC
480
XbaI
GGAATATAAAAGGGTATAGCTACTCTAGAAAATAGTTGTCAGTTTCTTGAAAAACTAAACAAAAGACACCTACCATATGACCCAGGAATTGTACTCCTTG
CCTTATATTTTCCCATATCGATGAGATCTTTTATCAACAGTCAAAGAACTTTTTGATTTGTTTTCTGTGGATGGTATACTGGGTCCTTAACATGAGGAAC
490
GGAATTTACCCCCAGGAAATAAAAACTTATGTCCACACAGAACCCATACATGATTGTTCACAGCAGCTTTATTTGTTGTAGCCAAAGCTAGAAAGAGCCA
CCTTAAATGGGGGTCCTTTATTTTTGAATACAGGTGTGTCTTGGGTATGTACTAACAAGTGTCGTCGAAATAAACAACATCGGTTTCGATCTTTCTCGGT
500
ACCCATCCCTCAATAGGCAACTAGCCTAACAAATTGTAATATATCCATGCCATAGAATGCTATGAGGCAATAAAAAGGAACGAAGTGTTGATACAGAGAA
TGGGTAGGGAGTTATCCGTTGATCGGATTGTTTAACATTATATAGGTACGGTATCTTACGATACTCCGTTATTTTTCCTTGCTTCACAACTATGTCTCTT
510
CTGGAGTGATTCTGAAGGACTTTCTACTGAGTGAAAAAAGCCAATCTGAAAGGGTCACATACCATGTGATTCCTTTTATGTAACATTGTTGAAGTGACAA
GACCTCACTAAGACTTCCTGAAAGATGACTCACTTTTTTCGGTTAGACTTTCCCAGTGTATGGTACACTAAGGAAAATACATTGTAACAACTTCACTGTT
520

FIG 13-4

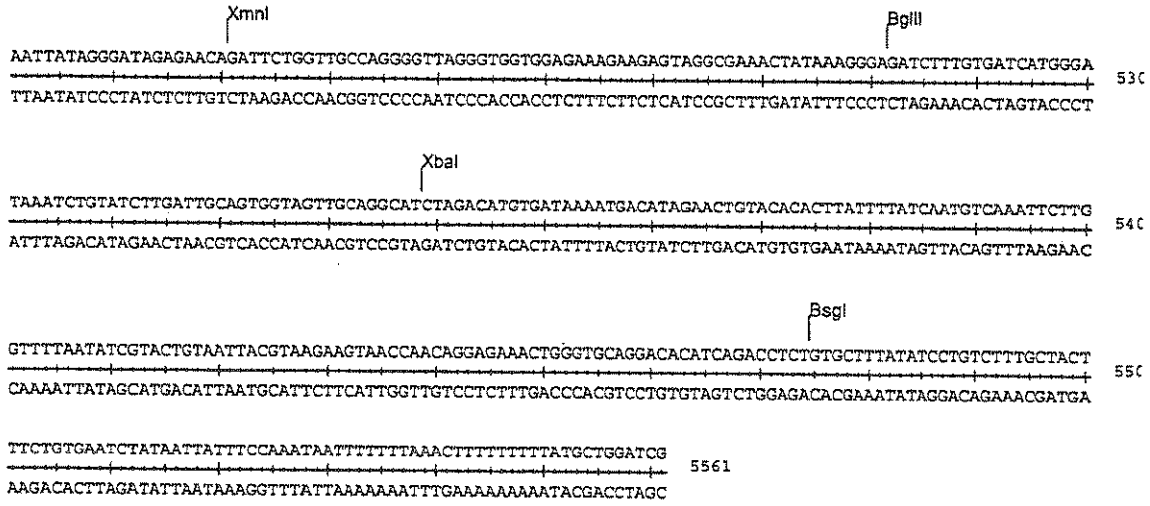

XmnI
BglII
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530
XbaI
TAAATCTGTATCTTGATTGCAGTGGTAGTTGCAGGCATCTAGACATGTGATAAAATGACATAGAACTGTACACACTTATTTTATCAATGTCAAATTCTTG
ATTTAGACATAGAACTAACGTCACCATCAACGTCCGTAGATCTGTACACTATTTTACTGTATCTTGACATGTGTGAATAAAATAGTTACAGTTTAAGAAC
540
BsgI
GTTTTAATATCGTACTGTAATTACGTAAGAAGTAACCAACAGGAGAAACTGGGTGCAGGACACATCAGACCTCTGTGCTTTATATCCTGTCTTTGCTACT
CAAAATTATAGCATGACATTAATGCATTCTTCATTGGTTGTCCTCTTTGACCCACGTCCTGTGTAGTCTGGAGACACGAAATATAGGACAGAAACGATGA
550
TTCTGTGAATCTATAATTATTTCCAAATAATTTTTTTAAACTTTTTTTTTATGCTGGATCG
AAGACACTTAGATATTAATAAAGGTTTATTAAAAAAATTTGAAAAAAAAATACGACCTAGC
5561

FIG 13-5

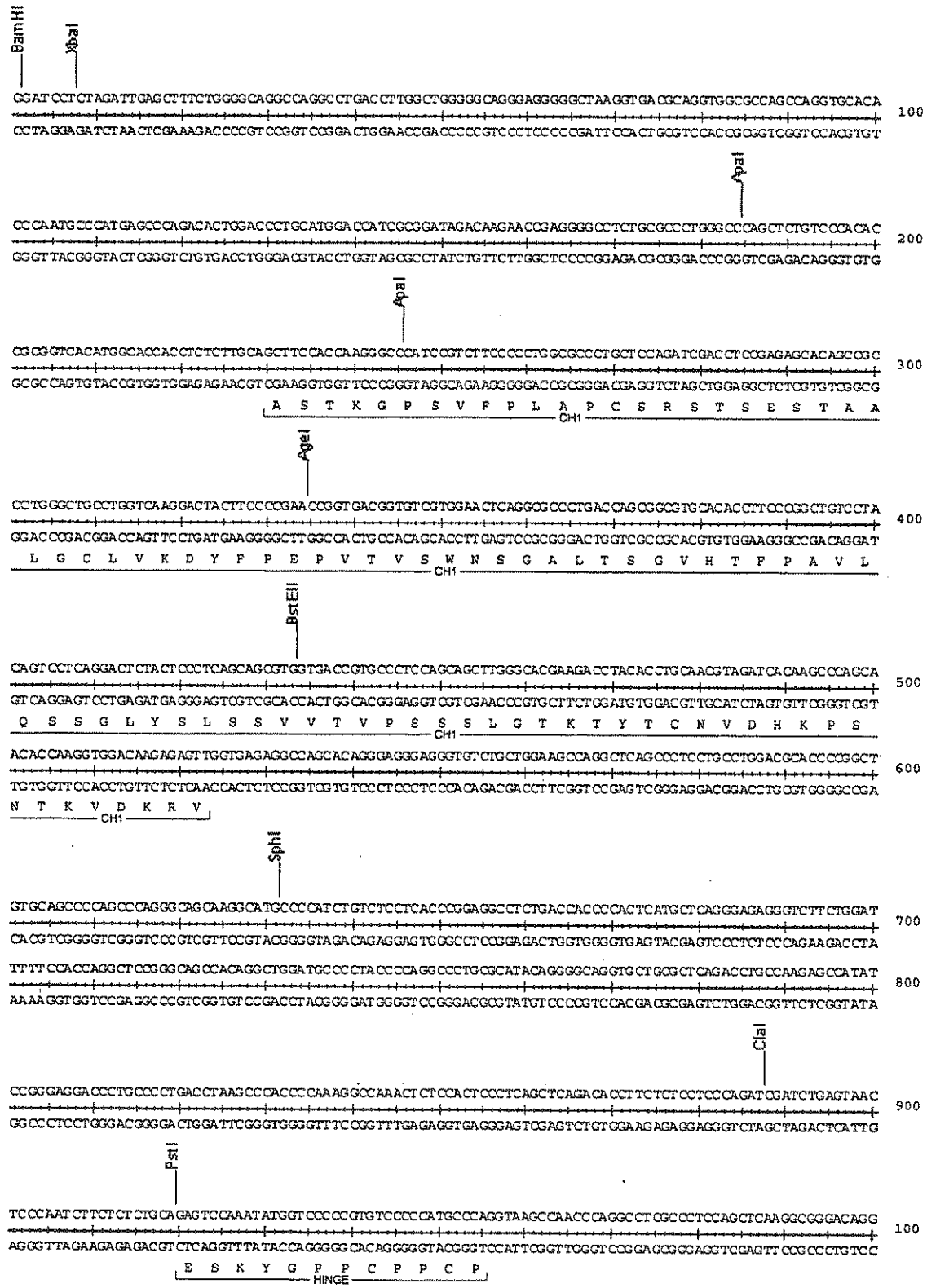

BamHI
XbaI
ApaI
ApaI
AgeI
BstEII
SphI
ClaI
PstI
A S T K G P S V F P L A P C S R S T S E S T A A
CH1
L G C L V K D Y F P E P V T V S W N S G A L T S G V H T F P A V L
CH1
Q S S G L Y S L S S V V T V P S S S L G T K T Y T C N V D H K P S
CH1
N T K V D K R V
CH1
E S K Y G P P C P P C P
HINGE

FIG 14 -1

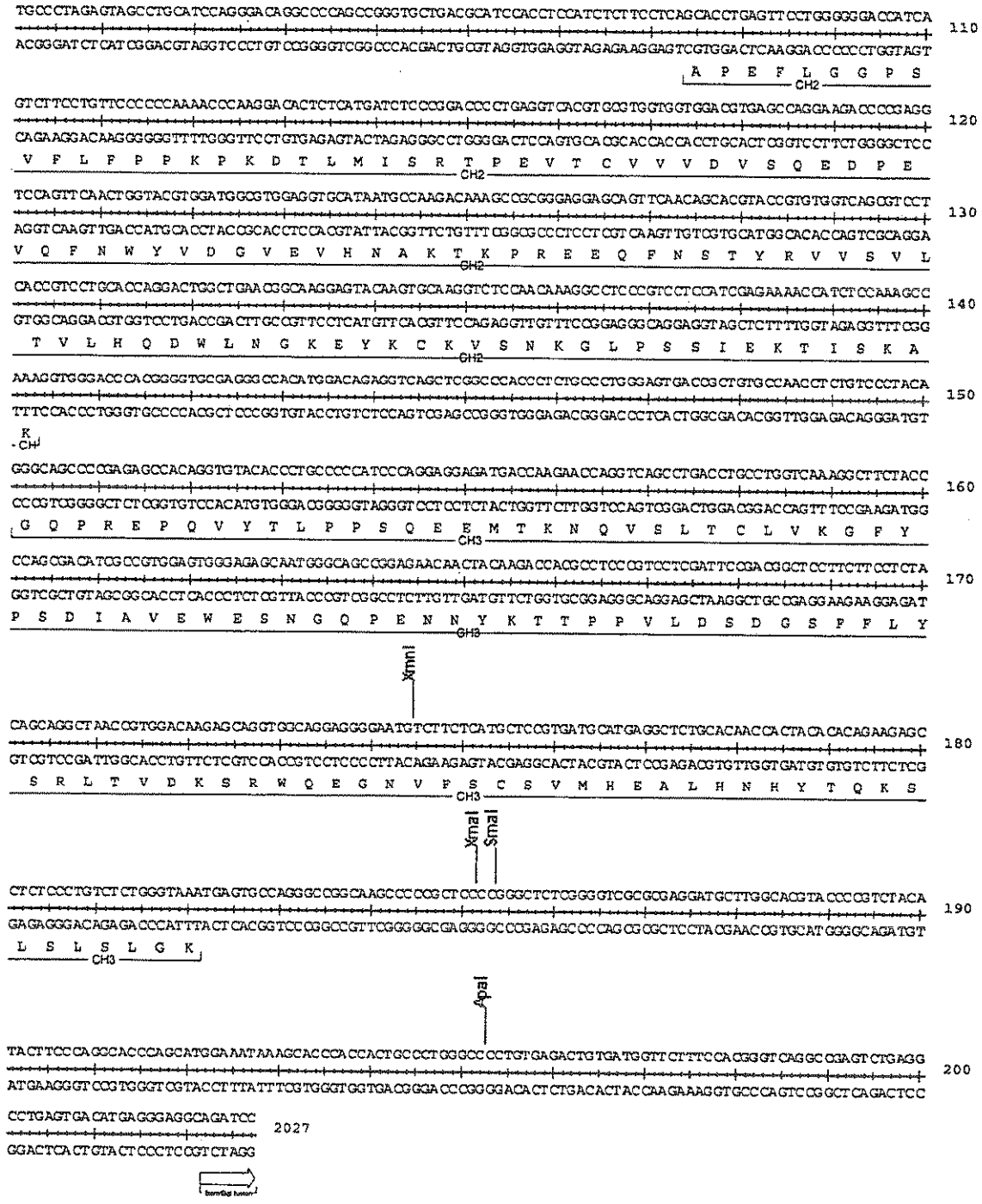

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ACGGGATCTCATCGGACGTAGGTCCCTGTCCGGGTCGGCCCACGACTGCGTAGGTGGAGGTAGAGAAGGAGTCGTGGACTCAAGGACCCCCTGGTAGT
A P E F L G G P S
CH2
GTCTTCCTGTTCCCCCCAAAACCCAAGGACACTCTCATGATCTCCCGGACCCCTGAGGTCACGTGCGTGGTGGTGGACGTGAGCCAGGAAGACCCCGAGG
CAGAAGGACAAGGGGGGTTTTGGGTTCCTGTGAGAGTACTAGAGGGCCTGGGGACTCCAGTGCACGCACCACCACCTGCACTCGGTCCTTCTGGGGCTCC
V F L F P P K P K D T L M I S R T P E V T C V V V D V S Q E D P E
CH2
TCCAGTTCAACTGGTACGTGGATGGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTTCAACAGCACGTACCGTGTGGTCAGCGTCCT
AGGTCAAGTTGACCATGCACCTACGCACCTCCACGTATTACGGTTCTGTTTCGGCGCCTCCTCGTCAAGTTGTCGTGCATGGCACACCAGTCGCAGGA
V Q F N W Y V D G V E V H N A K T K P R E E Q F N S T Y R V V S V L
CH2
CACCGTCCTGCACCAGGACTGGCTGAACGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGGCCTCCCGTCCTCCATCGAGAAAACCATCTCCAAAGCC
GTGGCAGGACGTGGTCCTGACCGACTTGCCGTTCCTCATGTTCACGTTCCAGAGGTTGTTTCCGGAGGGCAGGAGGTAGCTCTTTTGGTAGAGGTTTCGG
T V L H Q D W L N G K E Y K C K V S N K G L P S S I E K T I S K A
CH2
AAAGGTGGGACCCACGGGGTGCGAGGGCCACATGGACAGAGGTCAGCTCGGCCCACCCTCTGCCCTGGGAGTGACCGCTGTGCCAACCTCTGTCCCTACA
TTTCCACCCTGGGTGCCCCACGCTCCCGGTGTACCTGTCTCCAGTCGAGCCGGGTGGGACGGGACCCTCACTGGCGACACGGTTGGAGACAGGGATGT
K
CH2
GGGCAGCCCCGAGAGCCACAGGTGTACACCCTGCCCCCATCCCAGGAGGAGATGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTACC
CCCGTCGGGGCTCTCGGTGTCCACATGTGGGACGGGGGTAGGGTCCTCCTCTACTGGTTCTTGGTCCAGTCGGACTGGACGGACCAGTTTCCGAAGATGG
G Q P R E P Q V Y T L P P S Q E E M T K N Q V S L T C L V K G F Y
CH3
CCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGTCCTCGATTCCGACGGCTCCTTCTTCCTCTA
GGTCGCTGTAGCGGCACCTCACCCTCTCGTTACCCGTCGGCCTCTTGTTGATGTTCTGGTGCGGAGGGCAGGAGCTAAGGCTGCCGAGGAAGAAGGAGAT
P S D I A V E W E S N G Q P E N N Y K T T P P V L D S D G S F F L Y
CH3
XmnI
CAGCAGGCTAACCGTGGACAAGAGCAGGTGGCAGGAGGGGAATGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACACAGAAGAGC
GTCGTCCGATTGGCACCTGTTCTCGTCCACCGTCCTCCCCTTACAGAAGAGTACGAGGCACTACGTACTCCGAGACGTGTTGGTGATGTGTGTCTTCTCG
S R L T V D K S R W Q E G N V F S C S V M H E A L H N H Y T Q K S
CH3
XmaI
SmaI
CTCTCCCTGTCTCTGGGTAAATGAGTGCCAGGGCCGGCAAGCCCCGCTCCCCGGGCTCTCGGGGTCGCGCGAGGATGCTTGGCACGTACCCCGTCTACA
GAGAGGGACAGAGACCCATTTACTCACGGTCCCGGCCGTTCGGGGGCGAGGGGCCCGAGAGCCCCAGCGCGCTCCTACGAACCGTGCATGGGGCAGATGT
L S L S L G K
CH3
ApaI
TACTTCCCAGGCACCCAGCATGGAAATAAAGCACCCACCACTGCCCTGGGCCCCTGTGAGACTGTGATGGTTCTTTCCACGGGTCAGGCCGAGTCTGAGG
ATGAAGGGTCCGTGGGTCGTACCTTTATTTCGTGGGTGGTGACGGGACCCGGGGACACTCTGACACTACCAAGAAAGGTGCCCAGTCCGGCTCAGACTCC
CCTGAGTGACATGAGGGAGGCAGATCC
2027
GGACTCACTGTACTCCCTCCGTCTAGG
bom5at human

FIG 14 -2

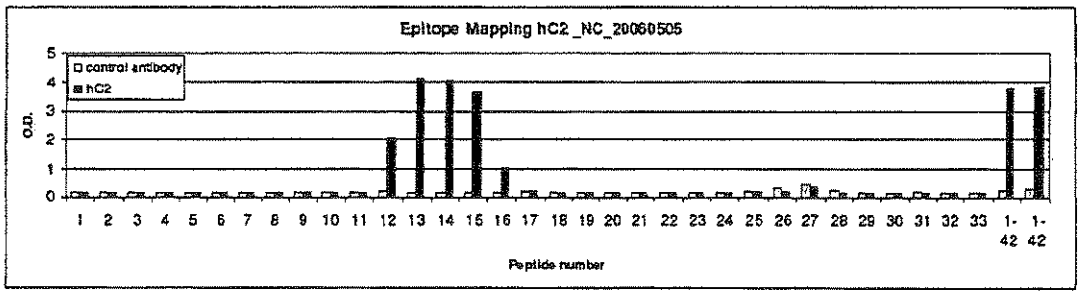


Figure 1. hC2 binds to peptides 12 , 13, 14 , 15 and 16 of the Aβ 1-42 peptide library.
Binding of hC2 to overlapping peptides of Aβ 1-42 was analyzed by ELISA. Binding to the complete Aβ 1-42 and binding of a non-binding chimearic antibody (control antibody) was used as positive and negative controls respectively. The peptide number corresponds to the amino acid in the Aβ 1-42 sequence on which the peptide starts. Results are expressed as OD.

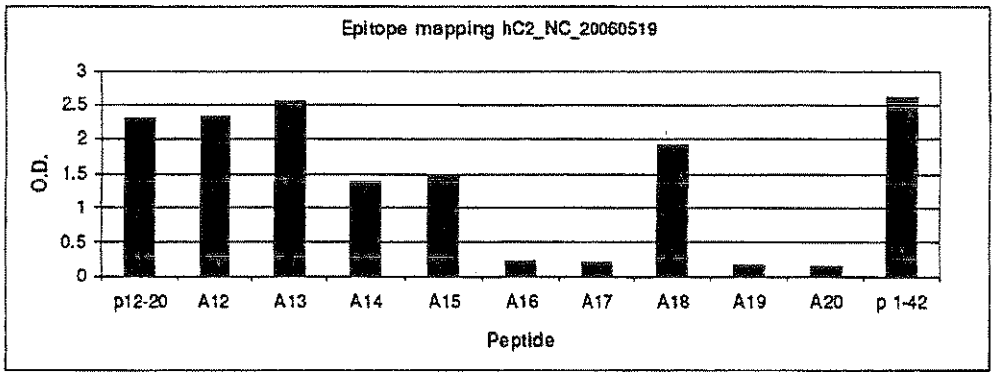


Figure 2. hC2 binding to Aβ 12-20 is completely dependent on aa 16,17,19 and 20 and partially dependent on aa 14,15 and 18.
Binding of hC2 to Aβ 12-20 and alanine substituted Aβ 12-20 was analyzed by ELISA. Binding to the complete Aβ 1-42 was used as positive control. The number corresponds to the aa that is substituted by alanine. Results are expressed as OD.

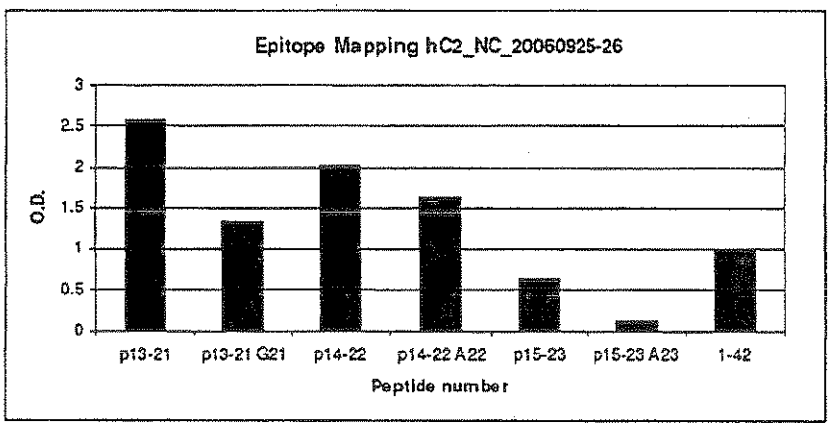


Figure 3. hC2 binding to Aβ 15-23 is dependent on aa 23 and partially on aa 21 and slightly dependent on aa 22.
Binding of hC2 to Aβ 13-21, 14-22 or 15-23 and to 13-21G21, 14-22A22 or 15-23A23 was analyzed by ELISA. Binding to the complete Aβ 1-42 was used as positive control. Results are expressed as OD.

Fig 15

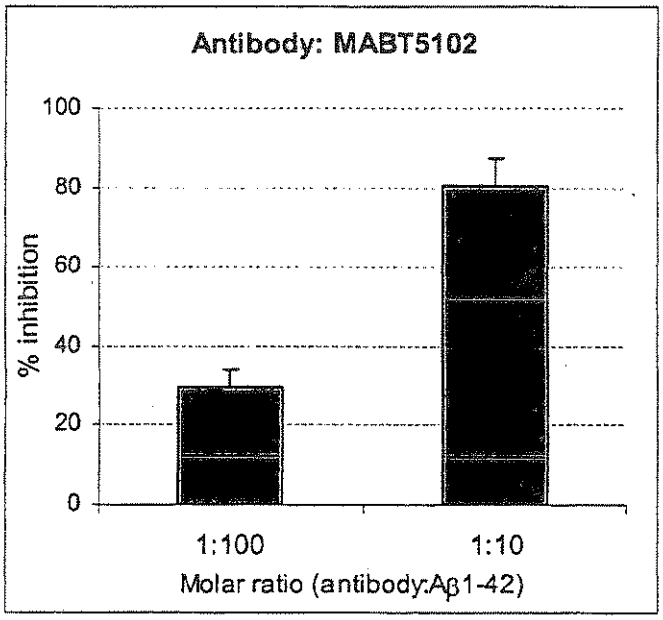

Antibody: MABT5102
100
80
60
40
20
0
% inhibition
1:100
1:10
Molar ratio (antibody:Aβ1-42)

FIG. 16

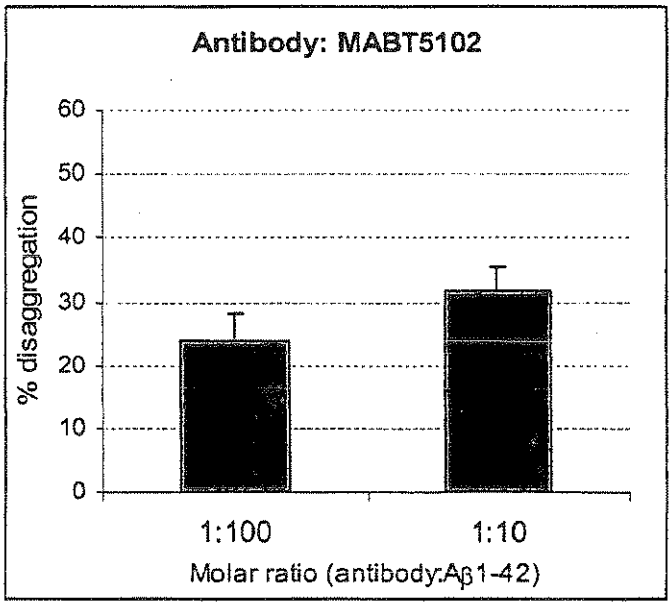

Antibody: MABT5102
% disaggregation
60
50
40
30
20
10
0
1:100
1:10
Molar ratio (antibody:Aβ1-42)

FIG. 17

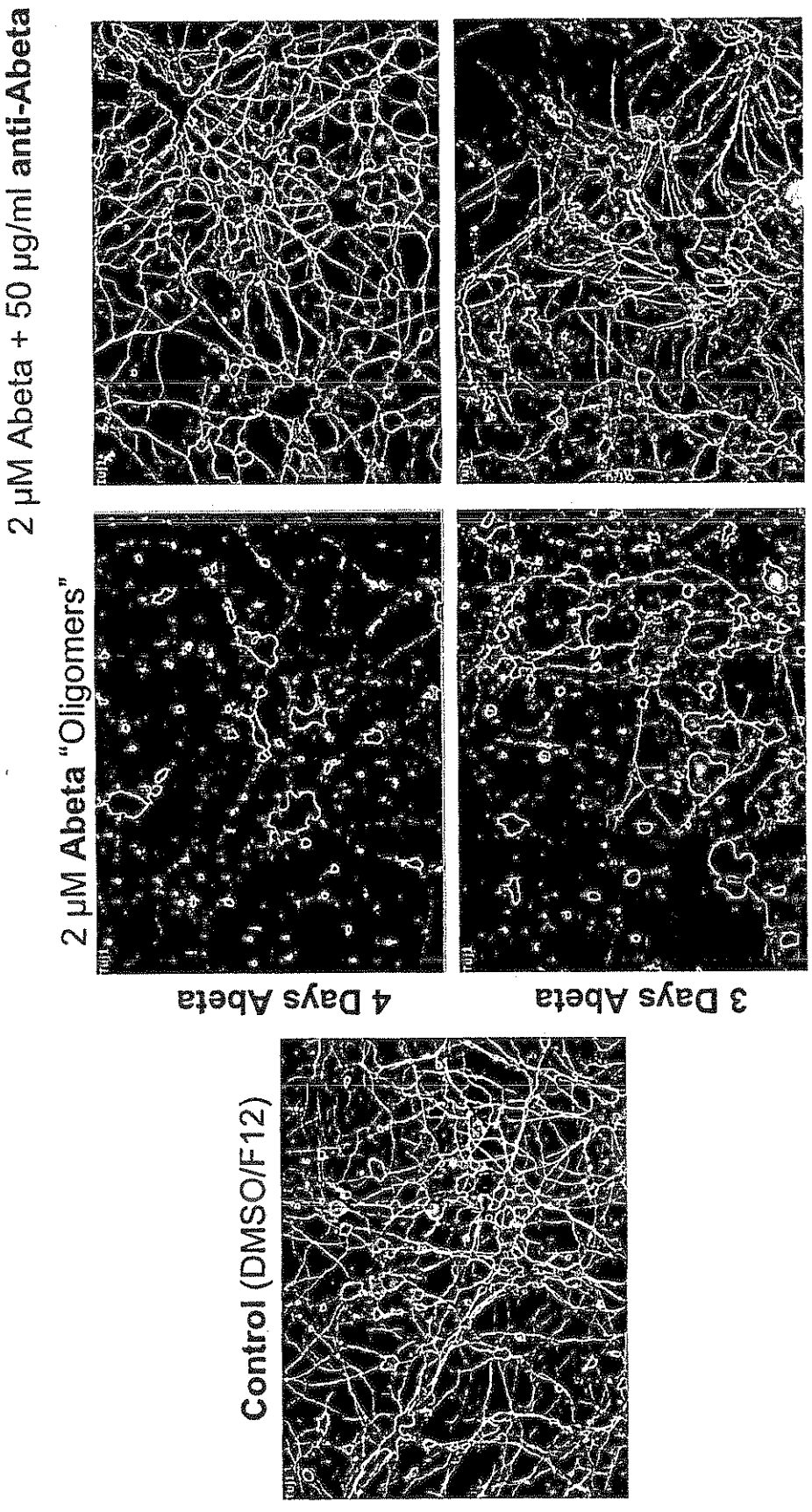

2 µM Abeta + 50 µg/ml anti-Abeta
2 µM Abeta "Oligomers"
4 Days Abeta
3 Days Abeta
Control (DMSO/F12)

FIG. 18