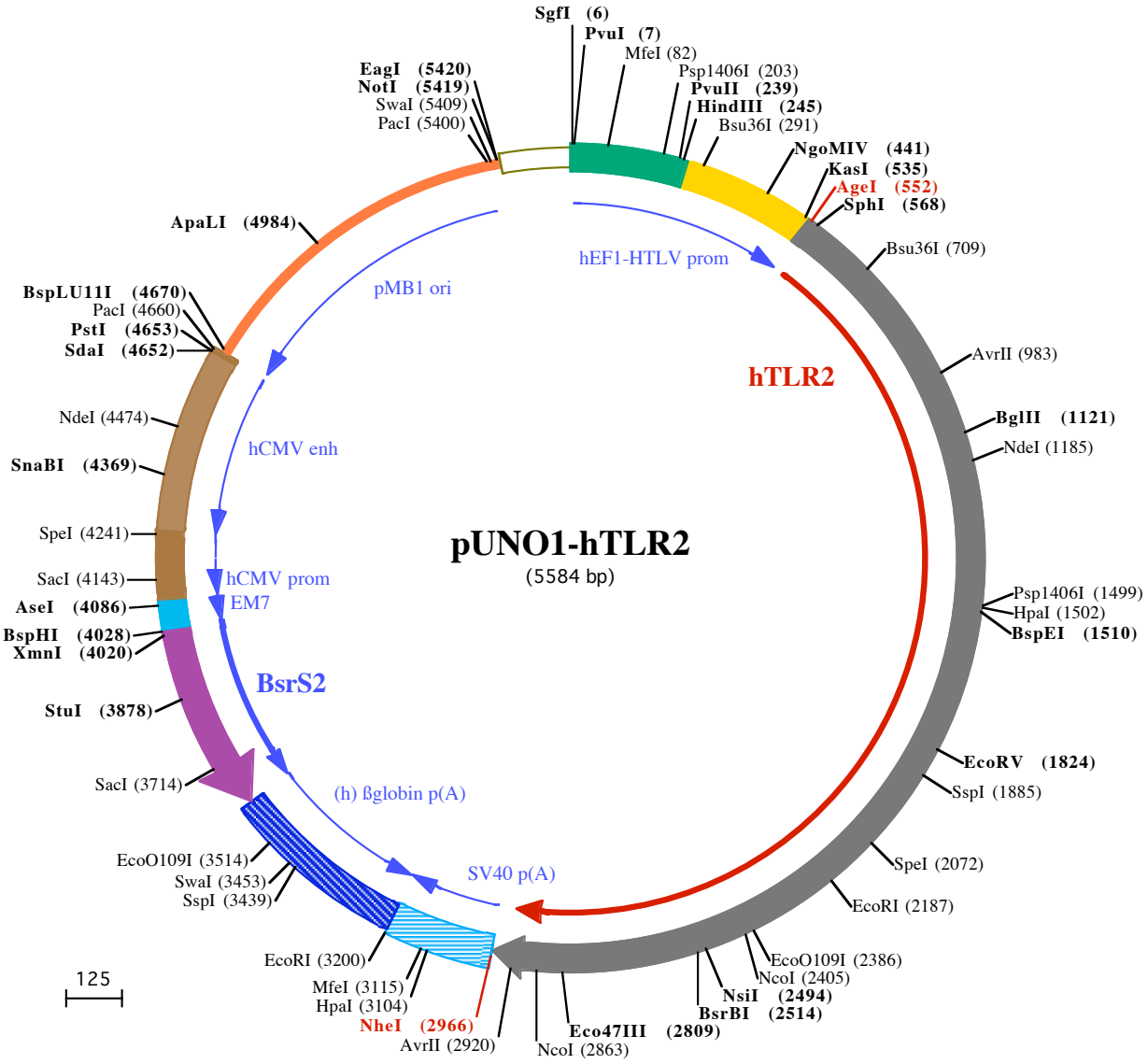
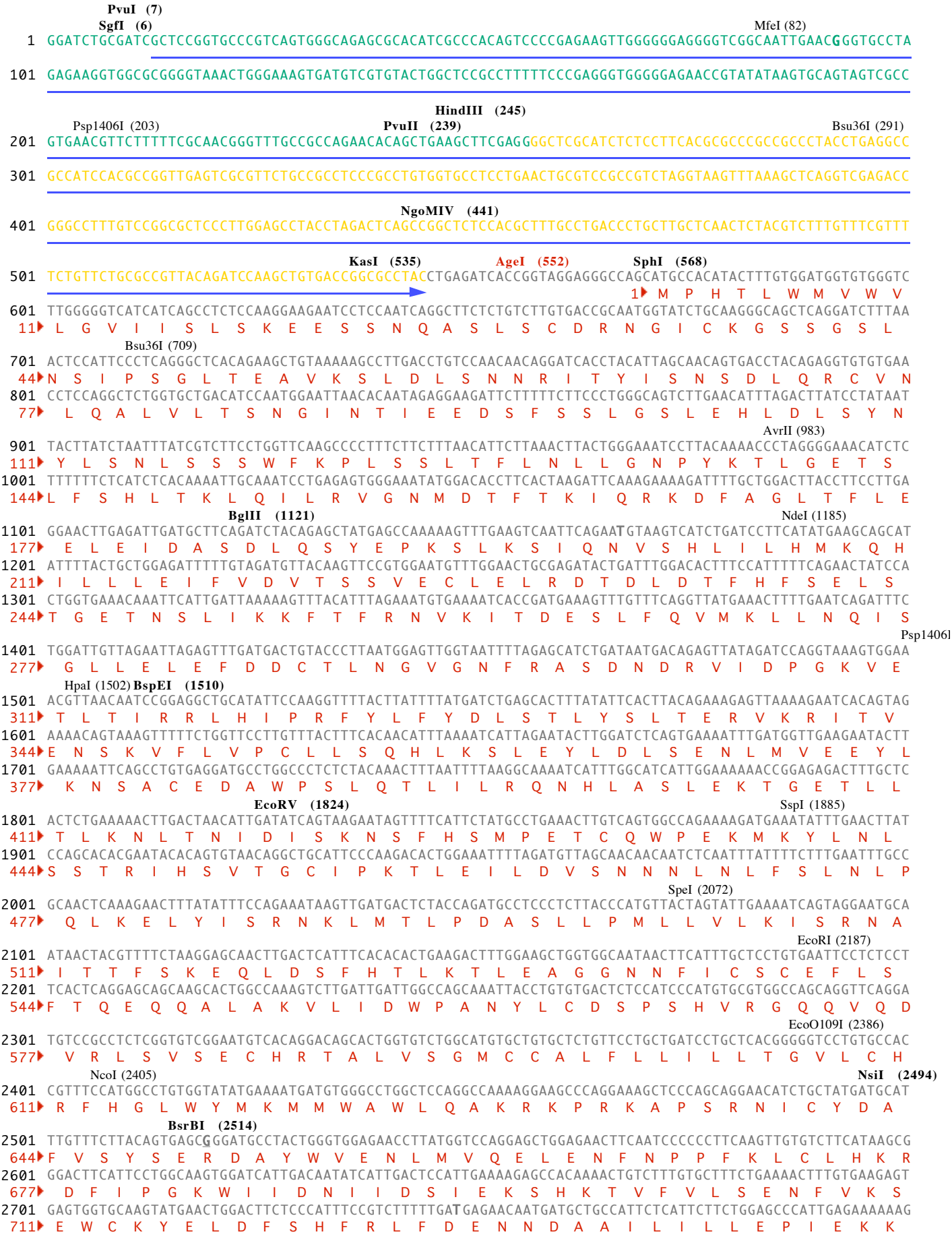
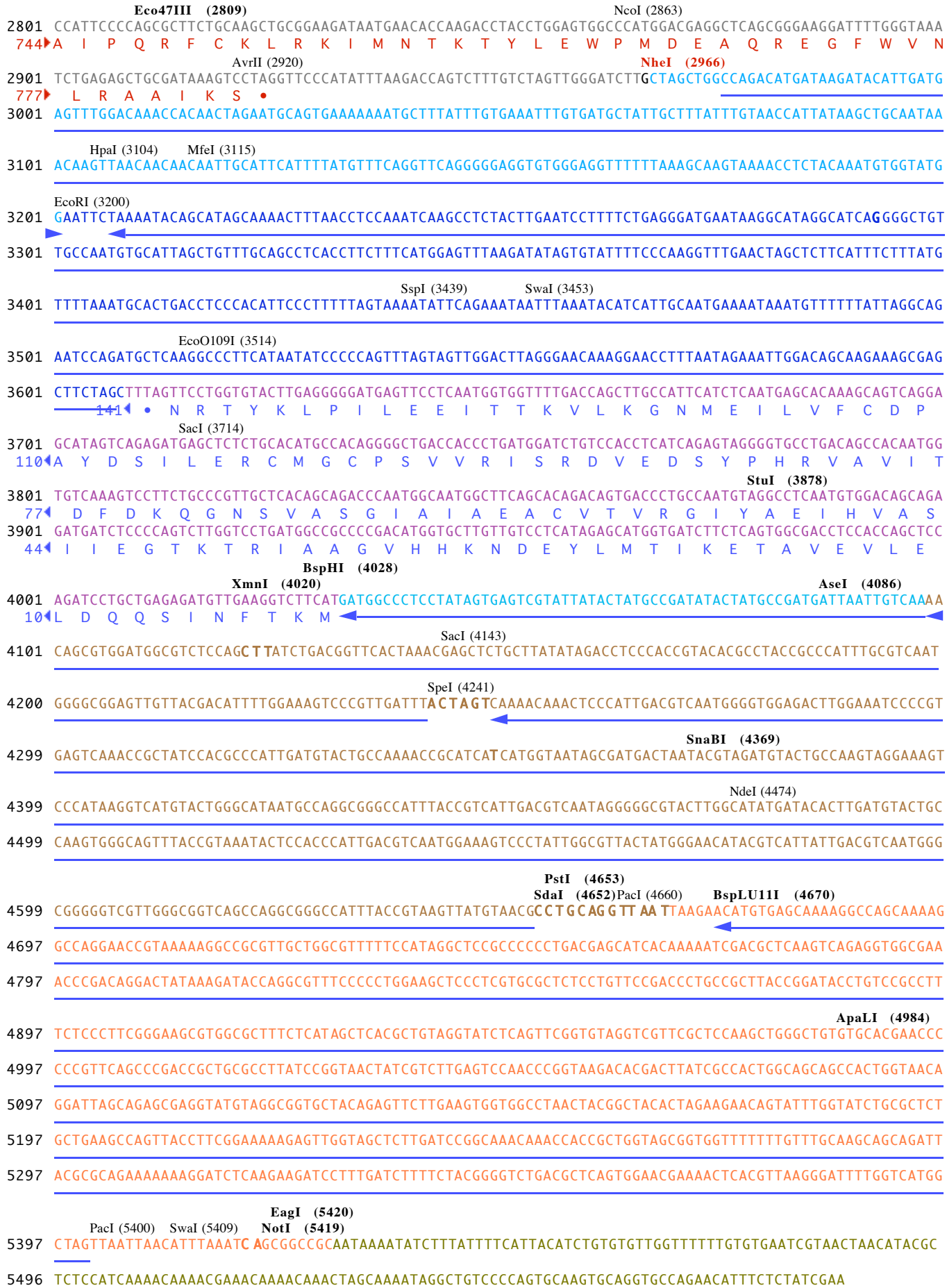

pUNO1-hTLR2
(5584 bp)
hTLR2
BsrS2
hEF1-HTLV prom
pMB1 ori
hCMV enh
hCMV prom
EM7
(h) ßglobin p(A)
SV40 p(A)
SgfI (6)
PvuI (7)
MfeI (82)
Psp1406I (203)
PvuII (239)
HindIII (245)
Bsu36I (291)
NgoMIV (441)
KasI (535)
AgeI (552)
SphI (568)
Bsu36I (709)
AvrII (983)
BglII (1121)
NdeI (1185)
Psp1406I (1499)
HpaI (1502)
BspEI (1510)
EcoRV (1824)
SspI (1885)
SpeI (2072)
EcoRI (2187)
EcoO109I (2386)
NcoI (2405)
NsiI (2494)
BsrBI (2514)
Eco47III (2809)
NcoI (2863)
AvrII (2920)
NheI (2966)
MfeI (3115)
HpaI (3104)
EcoRI (3200)
EcoO109I (3514)
SwaI (3453)
SspI (3439)
SacI (3714)
StuI (3878)
BspHI (4028)
XmnI (4020)
AseI (4086)
SacI (4143)
SpeI (4241)
SnaBI (4369)
NdeI (4474)
BspLU11I (4670)
PacI (4660)
PstI (4653)
SdaI (4652)
ApaLI (4984)
EagI (5420)
NotI (5419)
SwaI (5409)
PacI (5400)
125

InvivoGen


PvuI (7)
SgfI (6)
MfeI (82)
1 GGATCTGCGATCGCTCCGGTGCCCGTCAGTGGGCAGAGCGCACATCGCCCACAGTCCCCGAGAAGTTGGGGGGAGGGGTCGGCAATTGAACGGGTGCCTA
101 GAGAAGGTGGCGCGGGGTAAACTGGGAAAGTGATGTCGTGTACTGGCTCCGCCTTTTTCCCGAGGGTGGGGGAGAACCGTATATAAGTGCAGTAGTCGCC
HindIII (245)
Psp1406I (203)
PvuII (239)
Bsu36I (291)
201 GTGAACGTTCTTTTTCGCAACGGGTTTGCCGCCAGAACACAGCTGAAGCTTCGAGGGGCTCGCATCTCTCCTTCACGCGCCCGCCGCCCTACCTGAGGCC
301 GCCATCCACGCCGGTTGAGTCGCGTTCTGCCGCCTCCCGCCTGTGGTGCCTCCTGAACTGCGTCCGCCGTCTAGGTAAGTTTAAAGCTCAGGTCGAGACC
NgoMIV (441)
401 GGGCCTTTGTCCGGCGCTCCCTTGGAGCCTACCTAGACTCAGCCGGCTCTCCACGCTTTGCCTGACCCTGCTTGCTCAACTCTACGTCTTTGTTTCGTTT
KasI (535)
AgeI (552)
SphI (568)
501 TCTGTTCTGCGCCGTTACAGATCCAAGCTGTGACCGGCGCCTACCTGAGATCACCGGTAGGAGGGCCAGCATGCCACATACTTTGTGGATGGTGTGGGTC
1 M P H T L W M V W V
601 TTGGGGGTCATCATCAGCCTCTCCAAGGAAGAATCCTCCAATCAGGCTTCTCTGTCTTGTGACCGCAATGGTATCTGCAAGGGCAGCTCAGGATCTTTAA
11 L G V I I S L S K E E S S N Q A S L S C D R N G I C K G S S G S L
Bsu36I (709)
701 ACTCCATTCCCTCAGGGCTCACAGAAGCTGTAAAAAGCCTTGACCTGTCCAACAACAGGATCACCTACATTAGCAACAGTGACCTACAGAGGTGTGTGAA
44 N S I P S G L T E A V K S L D L S N N R I T Y I S N S D L Q R C V N
801 CCTCCAGGCTCTGGTGCTGACATCCAATGGAATTAACACAATAGAGGAAGATTCTTTTTCTTCCCTGGGCAGTCTTGAACATTTAGACTTATCCTATAAT
77 L Q A L V L T S N G I N T I E E D S F S S L G S L E H L D L S Y N
AvrII (983)
901 TACTTATCTAATTTATCGTCTTCCTGGTTCAAGCCCCTTTCTTCTTTAACATTCTTAAACTTACTGGGAAATCCTTACAAAACCCTAGGGGAAACATCTC
111 Y L S N L S S S W F K P L S S L T F L N L L G N P Y K T L G E T S
1001 TTTTTTCTCATCTCACAAAATTGCAAATCCTGAGAGTGGGAAATATGGACACCTTCACTAAGATTCAAAGAAAAGATTTTGCTGGACTTACCTTCCTTGA
144 L F S H L T K L Q I L R V G N M D T F T K I Q R K D F A G L T F L E
BglII (1121)
NdeI (1185)
1101 GGAACTTGAGATTGATGCTTCAGATCTACAGAGCTATGAGCCAAAAAGTTTGAAGTCAATTCAGAATGTAAGTCATCTGATCCTTCATATGAAGCAGCAT
177 E L E I D A S D L Q S Y E P K S L K S I Q N V S H L I L H M K Q H
1201 ATTTTACTGCTGGAGATTTTTGTAGATGTTACAAGTTCCGTGGAATGTTTGGAACTGCGAGATACTGATTTGGACACTTTCCATTTTTCAGAACTATCCA
211 I L L L E I F V D V T S S V E C L E L R D T D L D T F H F S E L S
1301 CTGGTGAAACAAATTCATTGATTAAAAAGTTTACATTTAGAAATGTGAAAATCACCGATGAAAGTTTGTTTCAGGTTATGAAACTTTTGAATCAGATTTC
244 T G E T N S L I K K F T F R N V K I T D E S L F Q V M K L L N Q I S
Psp1406I
1401 TGGATTGTTAGAATTAGAGTTTGATGACTGTACCCTTAATGGAGTTGGTAATTTTAGAGCATCTGATAATGACAGAGTTATAGATCCAGGTAAAGTGGAA
277 G L L E L E F D D C T L N G V G N F R A S D N D R V I D P G K V E
HpaI (1502)
BspEI (1510)
1501 ACGTTAACAATCCGGAGGCTGCATATTCCAAGGTTTTACTTATTTTATGATCTGAGCACTTTATATTCACTTACAGAAAGAGTTAAAAGAATCACAGTAG
311 T L T T I R R L H I P R F Y L F Y D L S T L Y S L T E R V K R I T V
1601 AAAACAGTAAAGTTTTTCTGGTTCCTTGTTTACTTTCACAACATTTAAAATCATTAGAATACTTGGATCTCAGTGAAAATTTGATGGTTGAAGAATACTT
344 E N S K V F L V P C L L S Q H L K S L E Y L D L S E N L M V E E Y L
1701 GAAAAATTCAGCCTGTGAGGATGCCTGGCCCTCTCTACAAACTTTAATTTTAAGGCAAAATCATTTGGCATCATTGGAAAAAACCGGAGAGACTTTGCTC
377 K N S A C E D A W P S L Q T L I L R Q N H L A S L E K T G E T L L
EcoRV (1824)
SspI (1885)
1801 ACTCTGAAAAACTTGACTAACATTGATATCAGTAAGAATAGTTTTCATTCTATGCCTGAAACTTGTCAGTGGCCAGAAAAGATGAAATATTTGAACTTAT
411 T L K N L T N I D I S K N S F H S M P E T C Q W P E K M K Y L N L
1901 CCAGCACACGAATACACAGTGTAACAGGCTGCATTCCCAAGACACTGGAAATTTTAGATGTTAGCAACAACAATCTCAATTTATTTTCTTTGAATTTGCC
444 S S T R I H S V T G C I P K T L E I L D V S N N N L N L F S L N L P
SpeI (2072)
2001 GCAACTCAAAGAACTTTATATTTCCAGAAATAAGTTGATGACTCTACCAGATGCCTCCCTCTTACCCATGTTACTAGTATTGAAAATCAGTAGGAATGCA
477 Q L K E L Y I S R N K L M T L P D A S L L P M L L V L K I S R N A
EcoRI (2187)
2101 ATAACTACGTTTTCTAAGGAGCAACTTGACTCATTTCACACACTGAAGACTTTGGAAGCTGGTGGCAATAACTTCATTTGCTCCTGTGAATTCCTCTCCT
511 I T T F S K E Q L D S F H T L K T L E A G G N N F I C S C E F L S
2201 TCACTCAGGAGCAGCAAGCACTGGCCAAAGTCTTGATTGATTGGCCAGCAAATTACCTGTGTGACTCTCCATCCCATGTGCGTGGCCAGCAGGTTCAGGA
544 F T Q E Q Q A L A K V L I D W P A N Y L C D S P S H V R G Q Q V Q D
EcoO109I (2386)
2301 TGTCCGCCTCTCGGTGTCGGAATGTCACAGGACAGCACTGGTGTCTGGCATGTGCTGTGCTCTGTTCCTGCTGATCCTGCTCACGGGGGTCCTGTGCCAC
577 V R L S V S E C H R T A L V S G M C C A L F L L I L L T G V L C H
NcoI (2405)
NsiI (2494)
2401 CGTTTCCATGGCCTGTGGTATATGAAAATGATGTGGGCCTGGCTCCAGGCCAAAAGGAAGCCCAGGAAAGCTCCCAGCAGGAACATCTGCTATGATGCAT
611 R F H G L W Y M K M M W A W L Q A K R K P R K A P S R N I C Y D A
BsrBI (2514)
2501 TTGTTTCTTACAGTGAGCGGGATGCCTACTGGGTGGAGAACCTTATGGTCCAGGAGCTGGAGAACTTCAATCCCCCCTTCAAGTTGTGTCTTCATAAGCG
644 F V S Y S E R D A Y W V E N L M V Q E L E N F N P P F K L C L H K R
2601 GGACTTCATTCCTGGCAAGTGGATCATTGACAATATCATTGACTCCATTGAAAAGAGCCACAAAACTGTCTTTGTGCTTTCTGAAAACTTTGTGAAGAGT
677 D F I P G K W I I D N I I D S I E K S H K T V F V L S E N F V K S
2701 GAGTGGTGCAAGTATGAACTGGACTTCTCCCATTTCCGTCTTTTTGATGAGAACAATGATGCTGCCATTCTCATTCTTCTGGAGCCCATTGAGAAAAAAG
711 E W C K Y E L D F S H F R L F D E N N D A A I L I L L E P I E K K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