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Figure 1

RNLPVATPDPGMFPC LHHSQNLLRAVS NMLQKARQTLEFYPCTSEEIDHE
DITKDKTSTVEACLPLELTKNESCLNSRETSFITNGSCLASRKTSFMMAL
CLSSIIYEDLKMYQVEFKTMNAKLLMDPKRQIFLDQNMLAVIDELMQALNF
NSETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAVTIDRVMSYLNAS
(SEQ ID NO:1)

Figure 2

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRGDNKEYEYSVEQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDI IKPDPPKNLQKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSKREKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEW
ASVPCS (SEQ ID NO:2)

Figure 3

AVPGGSSPAWTQCQQLSQKLCTLAWSAHPLVGHMDLREEGDEETTNDVPH
IQCGDGCDFQGLRDNSQFCLQRIHQGLIFYEKLLGSDIFTGEPSLLPDSP
VGQLHASLLGLSQLLQPEGHHWETQQIPSLSPSQPWQRLLLRFKILRSLO
AFVAVAARVFAHGAATLSP
(SEQ ID NO:3)

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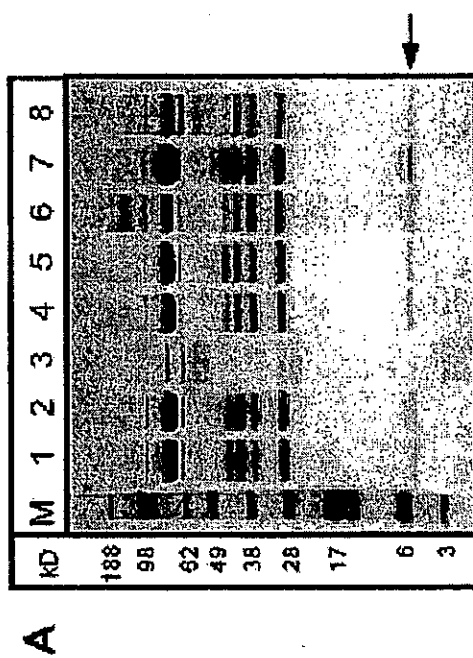


Figure 4A

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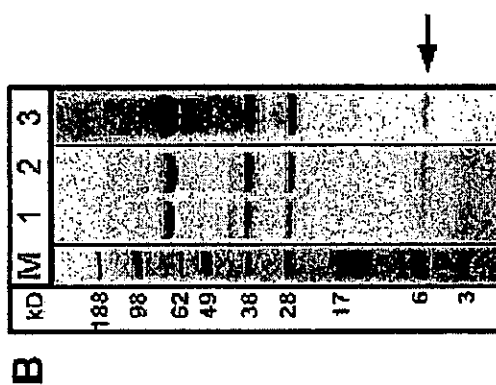


Figure 4B

Figure 5

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REKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEWASVPCS
(SEQ ID NO:4)

Figure 6

KSKREKKDR
(SEQ ID NO:5)

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Figure 7.1

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1 IWELKKDVYVVELDWYPDAPGEMVVLTCDDTPREDGITWLTDSSEVLGSGKTLTIQVKEF p40 human
1 .....G..... p40 baboon
1 .....G..... p40 rhesus
1 .....G..... p40 mangabey
1 .....H.....H.....D.....SA..... p40 dog
1 .....E.N.....H.....D.....S..... p40 cat
1 .....E.....N.....E.....SA.N..... p40 horse
1 .....E.N.....N.....N.....S.....T.....H..... p40 pig
1 M.....E.N.....T.....S..... p40 cow
1 .....E.N.I.....T.....S..... p40 water buffalo
1 .....E.N.....N.....T.....S..... p40 goat
1 .....E.N.....N.....T.....S..... p40 sheep
1 .....E.N.....T.....R.....S.....V..... p40 deer
1 .....E.....V.....S.....A.....R.....S.....D.....I.....S.KN.....AV..... p40 hamster
1 M.....E.....HT.....T.....N.A.....S.RK.DI..... p40 guinea pig
1 .....E.....V.....S.....G.....R.....S.....D.....I.....S.....V.....IV..... p40 cotton rat
1 M.....E.....V.....R.....T.....T.....S.....D.....S.RRG.I.....T.R..... p40 rat
1 M.....E.....V.....T.....T.N.....D.....S.RHG.I.....T..... p40 mouse

61 GDAGQYTCCHKGGEVLSHSLLLHKKEDGIWSTDILKDQKEPKNKTFLRCEAKNYSGRFTC p40 human
61 .....A.....V..... p40 baboon
61 .....A.....V..... p40 rhesus
61 .....A.....P.....E.....E.....I..... p40 mangabey
61 .....K.....R.....I.....E.....S.....I.....K..... p40 dog
61 A.....F.....I.....RE.....S.....I.....K..... p40 cat
61 .....W.....H.....S.....K..... p40 horse
61 .....R.....A.....Q.....S.....K..... p40 pig
61 .....A.....R.....A.....S.....K.....D.....H..... p40 cow
61 .....A.....R.....A.....S.....K.....D.....H..... p40 water buffalo
61 .....R.....A.....S.....K.....D.....H..... p40 goat
61 .....R.....A.....S.....K.....D.....H..... p40 sheep
61 .....R.....A.....S.....K.....D.....H..... p40 deer
61 SN.....KT.....R.....N.....D.....K.....A..... p40 hamster
61 E.....G.....R.....Q.....E.....E.GSNG.....K.....RS..... p40 guinea pig
61 S.....T.....R.....D.....K.....A..... p40 cotton rat
61 L.....R.....T.....H.....N.....E.N---P.....K.....P..... p40 rat
61 L.....T.....H.....N.....E.N---P.....K.....P..... p40 mouse

121 WWLTTISTDLTFVSKSSRGSSDPQGVTCGAATLSAERVGRDNKEY-EYSVECQEDSACPA p40 human
121 .....N.....V..... p40 baboon
121 .....N.....V..... p40 rhesus
121 .....S.....II.....N..... p40 mangabey
121 .....A.....K.....F.....V.....V.RD.KK.T.....G.....S..... p40 dog
121 .....A.....K.T.....K.V.RD.KK.T.....G..... p40 cat
121 .....A.....K.....R.....SV.DR.KK.T.....G..... p40 horse
121 .....A.....K.....T.....R.....T.....EDLG-----KK.R.....G..... p40 pig
121 .....A.....K.....R.....L.....K.SLEHR.NK.T.....G..... p40 cow
121 .....A.....K.....A.....R.....S.....K.SV.HR.NK.T.....G.T... p40 water buffalo
121 S.....A.....N.K.....R.....S.....K.SM.HR.NK.T.....G..... p40 goat
121 S.....A.....N.K.....R.....S.....K.SM.HR.NK.T.....G..... p40 sheep
121 .....A.....K.....R.....S.....T.K.IV.HR.KK.T.....G..... p40 deer
121 .....A.....K.N.....SS.....SRA.....S.....K.TV.R.D.QK.....A.....IT..T p40 hamster
121 .....APG.VK.....G.....S.....E.....S.....Q.....K.....T p40 guinea pig
121 .....AV.....K.....L.....SS.....SRS.....S.....T.K.TV.QRD.NK.....A.....IT..T p40 cotton rat
118 S.....VHRN.....K.NI.....SS.PESRA.....R.S.....K.TLNQRD.EK.....A.....VT..T p40 rat
118 S.....VQRNM.....K.NI.....SS.P.SRA.....M.S.....K.TL.QRD.EK.....S.....VT..T p40 mouse

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Figure 7.2

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180 AEESLPFIEVMVDAVHKLKYENYTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDT p40 human
180 ...R.....I.....A..... p40 baboon
180 ...R.....I..... p40 rhesus
180 ...R.....I..... p40 mangabey
181 .....V.....I.....T.....H..... p40 dog
181 .....V.....I.....H..... p40 cat
181 .....IV.....G.....E..... p40 horse
176 .....VLE.....N.....H.....I..... p40 pig
181 .....L.....V.E.....R..... p40 cow
181 .....L.....V.E..... p40 water buffalo
181 .....VME.....R..... p40 goat
181 .....VME.....R..... p40 sheep
181 .....V.E.....R..... p40 deer
181 ...T...GLVME.Q..Y...STG.....RG...M.L.....S p40 hamster
176 .....V.....I..F.....Y.....SV..Q..... p40 guinea pig
181 ...T...LVME.Q..Y...STG.....S.....S p40 cotton rat
178 ...T...LV.E.QQON...ST.....V.....S p40 rat
178 ...T...LAL.E.RQON...ST.....M.....S p40 mouse

240 WSTPHSYFSLTFCVQVQG--KSKREKKDR-----VF-TDKTSATVICRKNASISVR p40 human
240 .....I.....I.....F..Q p40 baboon
240 .....I.....I.....F..Q p40 rhesus
240 .....I.....I.....F..Q p40 mangabey
241 .....A....NN.....LC-V....K.V.H.D.K.R.Q p40 dog
241 .....G....NN.....LS-V....K.V.H.D.K.R.Q p40 cat
241 .....SI....N.K.R....L..M.E....T.H.DGQ.R.Q p40 horse
236 .....M.G....N....K-----L..QI..K.T.H.D.N.R.Q p40 pig
241 .....N.....L..M.Q....K.T.H.D.NVR.Q p40 cow
241 .....N.....L..M.Q....K.T.H.D.NVR.Q p40 water buffalo
241 .....N.....L..Q....K.T.H.D.N.R.Q p40 goat
241 .....N.....L..A.Q....K.T.H.D.N.R.Q p40 sheep
241 .....N.....L..M.Q....K.T.H.D..R.Q p40 deer
240 .....K.H....HR-----R..ES-----Q..V.....IR.S.G.EVR.. p40 hamster
236 .....L..TH.KN.NR....YE-----L.....S.H.ISKVE.. p40 guinea pig
240 .....K.F....YR....K...GES-----LLV..P..KIR.S.GGEVR.. p40 cotton rat
237 .....K.F.RI.R....K...TKETEEECNQKGA.LVE....E.Q...G.N.C.Q p40 rat
237 .....K.F.RI.R....K...MKETEEECNQKGA.LVE....TE.Q...GGNVC.Q p40 mouse

292 AQDRYYSSSWSEWASVPCS p40 human (SEQ ID NO:2)
292 ..... p40 baboon (SEQ ID NO:27)
292 ..... p40 rhesus (SEQ ID NO:28)
292 .....N..T..... p40 mangabey (SEQ ID NO:29)
293 .R.....D....S.. p40 dog (SEQ ID NO:30)
293 .R.....N....S.. p40 cat (SEQ ID NO:31)
293 .R.....S....S.. p40 horse (SEQ ID NO:32)
288 .R.....S.N..... p40 pig (SEQ ID NO:33)
291 .R.....P.....S.. p40 cow (SEQ ID NO:34)
291 .R.....F.....S.. p40 water buffalo (SEQ ID NO:35)
291 .R.....F.....S.. p40 goat (SEQ ID NO:36)
291 .R.....P.....S.. p40 sheep (SEQ ID NO:37)
291 .R.....N.F.....S.. p40 deer (SEQ ID NO:38)
291 ...H..N....R.V..... p40 hamster (SEQ ID NO:39)
290 .R.....S..EVSUSR p40 guinea pig (SEQ ID NO:40)
291 ...H..N.....S.N..... p40 cotton rat (SEQ ID NO:41)
296 .....N..C.K..TC...RGRS p40 rat (SEQ ID NO:42)
296 .....N..C.K..C...RVRS p40 mouse (SEQ ID NO:43)

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Figure 8

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVVRGDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGDNTERVFTDKTSATVICRKNASISVRAQDRYSSSWSEWASV
PCS

(SEQ ID NO:6)

Figure 9

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVVRGDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGDNTEGRVFTDKTSATVICRKNASISVRAQDRYSSSWSEWAS
VPCS

(SEQ ID NO:7)

Figure 10

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVVRGDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGDQDEKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO:8)

Figure 11

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVVRGDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGDQDESGDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO:9)

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Figure 12

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSKAEKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO:10)

Figure 13

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSAAEKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO:11)

Figure 14

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSAAREKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO: 12)

Figure 15

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVEQCQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSGREKKDRVFTDKTSATVICRKNASISVRAQDRYSSSWSEW
ASVPCS

(SEQ ID NO: 13)

Figure 16

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IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVECQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSQREKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEW
ASVPCS
(SEQ ID NO:14)

Figure 17

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVECQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSKDEKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEW
ASVPCS
(SEQ ID NO:15)

Figure 18

IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSG
KTLTIQVKEFGDAGQYTCHKGGEVLSHSLLLLLHKKEDGIWSTDILKDQKE
PKNKTFLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSDPQGVTCGA
ATLSAERVGRDNKEYEYSVECQEDSACPAAEESLPIEVMVDAVHKLKYEN
YTSSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLT
FCVQVQGKSQDEKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEW
ASVPCS
(SEQ ID NO:16)

Figure 19

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ATGTGTCACCAGCAGTTGGTCATCTCTTGGTTTTCCCTGGTTTTTCTGGCATCTCCCCTCGTGG
CCATATGGGAAGTGAAGAAAGATGTTTATGTCTAGTAATTGGATTGGTATCCGGATGCCCCCTGG
AGAAATGGTGGTCTCTCACCTGTGACACCCCTGAAGAAGATGGTATCACCTGGACCTTGGACCAG
AGCAGTGAGGTCTTAGGCTCTGGCAAAACCCCTGACCATCCAAGTCAAAGAGTTTGGAGATGCTG
GCCAGTACACCTGTCAAAAGGAGGCGAGGTTCTAAGCCATTCTGCTCCTGCTGCTTACAAAAA
GGAAGATGGAATTTGGTCCACTGATATTTTAAAGGACCAGAAAGAACCCAAAAATAAGACCTTT
CTAAGATGCGAGGCCAAGAATTATTCTGGACGTTTACCTGCTGGTGGCTGACGACAATCAGTA
CTGATTTGACATTCACTGTCAAAGCAGCAGAGGCTCTTCTGACCCCCAAGGGGTGACGTGCGG
AGCTGCTACACTCTCTGCAGAGAGAGTCAAGGGGACAAACAAGGAGTATGAGTACTCAGTGGAG
TGCCAGGAGGACAGTGCCTGCCCAGCTGCTGAGGAGAGTCTGCCCATTTAGGTCATGGTGGATG
CCGTTCAACAAGCTCAAGTATGAAAATAACCCAGCAGCTTCTTCATCAGGGACATCATCAAACC
TGACCCACCCAAGAACTTGCAGCTGAAGCCATTAAAGAATTCTCGGCAGGTGGAGGTGAGCTGG
GAGTACCCTGACACCTGGAGTACTCCACATTCTTCTCTCCCTGACATTCTGCGTTTCAGGTCC
AGGGCAAGAGCAAGAGAGAAAAGAAAGATAGAGTCTTACGGACAAGACCTCAGCCACGGTCAT
CTGCCGCAAAAATGCCAGCATTAGCGTGCGGGCCAGGACCGCTACTATAGCTCATCTTGGAGC
GAATGGGCATCTGTGCCCTGCAGTTAG

(SEQ ID NO:21)

Figure 20

GAATTCTCGGCAGGTGGAGGTGAGTACCCTGACACCTGGAGCACTCCACATTCTTAC
TTCTCCCTGACATTCTGCGTTTCAGGTCCAGGGCAAGGACAATACGGAGAGAGTGTTCACGGACA
AGACCTCAGCttttttttttttttgaagactcAATTCTCGGCAGGTGGAGGTGAGTGGAGTA
CCCTGACACCTGGAGTACTCCACATTCTTCTCTCCCTGACATTCTGCGTTTCAGGTCCAGGGC
AAGGACAATACGGAGGTTAGAGTGTTCACGGACAAGACCTCAGC

(SEQ ID NO:22)

Figure 21

GAATTCTCGGCAGGTGGAGGTGAGTACCCTGACACCTGGAGCACTCCACATTCTTAC
TTCTCCCTGACATTCTGCGTTTCAGGTCCAGGGCCAGGATCAGGACGAGAAAGAAGGATAGAGTCT
TCTTTTTTTTTTgaagactcAATTCTCGGCAGGTGGAGGTGAGTGGAGTACCCTGACACCTG
GAGTACTCCACATTCTTCTCTCCCTGACATTCTGCGTTTCAGGTCCAGGGCCAGGATCAGGAC
GAGTCCGGAGATAGAGTCTTC

(SEQ ID NO:23)

Figure 22

GAATTCTCGGCAGGTGGAGGTGAGTGGAGTACCCTGACACCTGGAGCACTCCACATTCTTAC
TTCTCCCTGACATTCTGCGTTTCAGGTCCAGGGCAAGAGCAAGGCAGAAAAGAAAGATAGAGTCT
TCACGGACAAGACCTCAGCttttttttttttgaagactcAATTCTCGGCAGGTGGAGGTGAGTTG
GGAGTACCCTGACACCTGGAGTACTCCACATTCTTCTCTCCCTGACATTCTGCGTTTCAGGTG
CAGGGCAAGAGCGCAGCTGAAAAGAAAGATAGAGTCTTTACGGACAAGACCTCAGC

(SEQ ID NO:24)

Figure 23

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GAATTCTCGGCAGGTGGAGGTCAGTTGGGAGTACCCTGACACCTGGAGCACTCCACATTCCTAC
TTCTCCCTGACATTCTGCGTTCAGGTCCAGGGCAAGAGCGCCCGGAAAAGAAAGATAGAGTCT
TCACGGACAAGACCTCAGCttttttttttgaagactcAATTCTCGGCAGGTGGAGGTCAGTTG
GGAGTACCCTGACACCTGGAGTACTCCACATTCCTACTTCTCCCTGACATTCTGCGTTCAGGTC
CAGGGCAAGAGCGGTAGAGAAAAGAAAGATAGAGTCTTTACGGACAAGACCTCAGC
(SEQ ID NO:25)

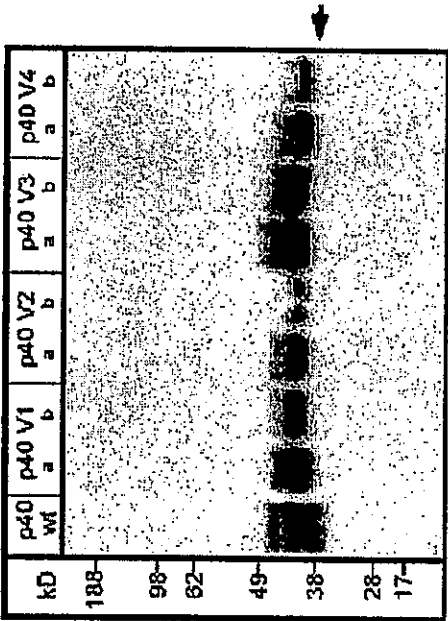


Figure 24

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Figure 25

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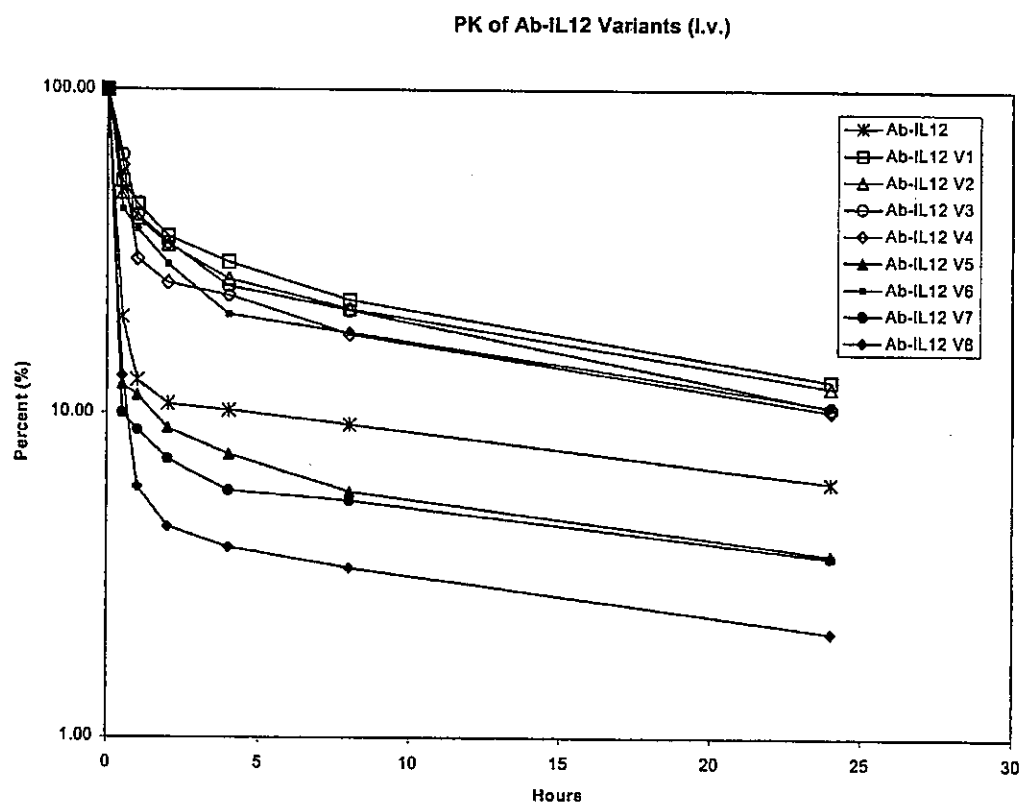


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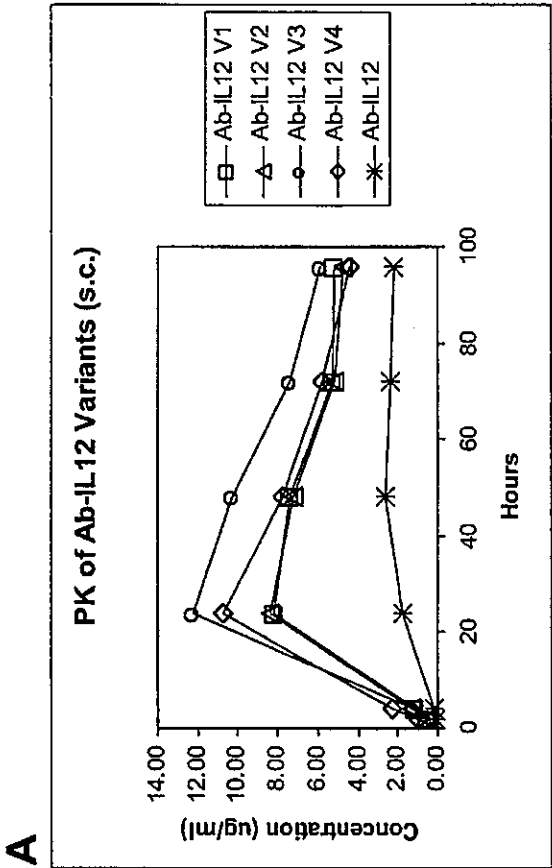


Figure 27A

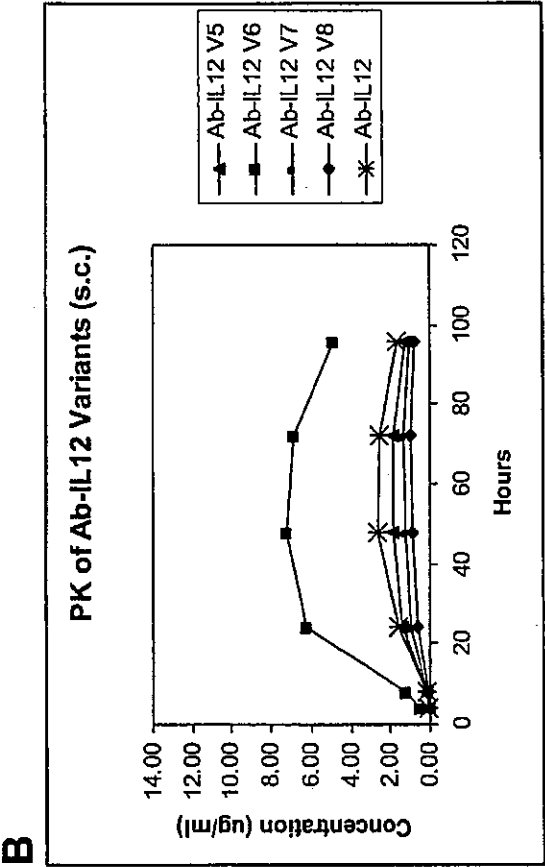


Figure 27B

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Figure 28

IWELKKDVYVVELDWYPNAPGETVVLTCDTPEEDGITWTSQSSSEVLGTGKTLTIHVKEFGDAG
QYTCRKGGEALSRSLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRFTCWWLTTIST
DLKFSVKSSRGSTDPRGVTCGTATLSEDLGEYKKYRVECQEGSACPAAEESLPIEVVLEAVHKL
KYENYTSSFFIRDI IKPDPPKNLQLKPLKNSRHVEVSWGYPDTWSTPHSYFSLTFCIQVQGKSK
REKKDRIFTDKTSATVICRKNKIRVQARDRYSSFWSEWASVSCS
(SEQ ID NO:44)