

A)

1	MFSYSYR QSS	ATSSFGGLGG	GSVRF FGPGVA	FRAPSIHGG S	GGR GVSVSSA
51	RFSVSSSSGG	YGGGYGGVLT	ASDGLLAGNE	KLTMQNLNDR	LASYLDK VRA
101	LEAANGELEV	K IRDWYQKQG	PGPSRDYSHY	YTTIQDLRDK	ILGATIENSR
151	IVLQIDNARL	AADDFRTKFE	TEQALRMSVE	ADINGLRR VL	DELTLART DTL
201	EMQIEGLKMA	LAYLKKNHHEE	EISTLR QGVG	QGVSV VEVDSA	P GTDLAKILS
251	DMRSQYEVMA	EQNRKDAEAW	FTRSTEELNR	EVAGTHEQLQ	MSRSEVTDLR
301	RTLQGLEIEL	QSRLSMK AAL	EDTLAETEAR	FGAQLAHIQA	LISGIEAQLG
351	DVRADSERQN	QEYQRLMDIK	SRLEQEIATY	RSLLEGQEDH	YNNLSASKVL
401					

B)

1	MSRQASKTSG	GGSQGFSGRS	AVVSGSSRMS	CVAHSGGAGG	GAYGFRSGAG
51	GFGSRSLYNL	GGNKISISIV	AAGGSRAGGF	GGGRSSCAFA	GGYGGGFGSG
101	YGGGFGGGFG	GGRGMGGGFG	GAGGFGGAGG	FGGAGGFGGP	GGFGSGGGFG
151	GPGLSGSPGG	FPGGGFPGGI	QEV TINQSLL	QPLNVEIDPQ	IGQVKAQERE
201	QIKTLNNKFA	SFIDKVRFLE	QQNKVLETKW	NLLQQOQTSS	ISGTNNLEPL
251	FENHINYLR	YLDNILGERG	RLDSELKNME	DLVEDFKKKY	EDEINKRTAA
301	ENEFVTLKKD	VDSAYMNKVE	LQAKVDALID	EIDFLRTLVD	AELSQMQSHI
351	SDTSVVLSMD	NNRSLDLDSI	IAEVRAQYED	IAQRSKAEAE	ALYQTK LGEL
401	OTTAGR HGDD	LRNTKSEIEI	LNRMIQRLRA	EIEGVKKQNA	NLQTAIAEAE
451	QYHEMALKDA	NAKLQELQAA	LQQAKDDLAR	LLRDYQELMN	VKLALDVEIA
501	TYRKLLEGEE	YSRMSGECPS	AVSISVSSSS	TRSASAGGYY	GGYGGGMMGG
551	LGGGF SAGG	SGSGFGRGGG	GGIGGGFGGG	SSGFSGGSGF	GSISGAR YGV
601	SGGGFSSASN	R GGSIKFSQS	SQSSQRYSR		

C)

1	MIARQQCVRG	GPRGFSCGSA	IVGGGKRGAF	SSVSMGGAG	RCSSGGFGSR
51	SLYNLRGNKS	ISMSVAGSRQ	GACFGGAGGF	GTGGFGAGGF	GAGFGTGGFG
101	GGFGGSFSGK	GGPGFPVCPA	GGIQEVTINQ	SLLTPLHVEI	DPEIQKVRTE
151	EREQIKLLNN	KFASFIDKVQ	FLEQQNKVLE	TKWNLLQQQT	TTTSSKNLEP
201	LRFETYLSVLR	KQLDITLGNK	GRLQSELKTM	QDSVEDFKTK	YEEBINKRTA
251	AENDFVVLKK	QVDAAYLNKV	ELEAKVDSL	DEINFLKVLV	DAELSQQMTH
301	VSDTSVVLMS	DNNRNLDLDS	IAEVRAQYE	EIAQR SKAEA	EALYQTKV QQ
351	LQISVDQHD	NLKNTKSEIA	ELNRMIQRLR	AEIENIKKQC	QTLQVSVADA
401	EQRGENALKD	AHSHRVELEA	ALQQAKEELA	RMLREYQELM	SVKLALDIEI
451	ATYR KLLEGE	EYR MSGECQS	AVSISVSSGS	TSTGGISGGL	GGSGGFGGLS
501	GFGSGSGSGF	GFGGVSVSSS	SSKIISTTTL	NKRR	

D)

1	MSCRQFSSSY	LSR SGGGGG	GLGGGSIRS	SYSRFSSSGG	GGGGRF SSS
51	SGYGGGSSRV	CGRGGGGSFG	YSYGGGSGGG	FSASSLGGGF	GGGSRGFGGA
101	SGGGYSSSGG	FGGGFGGGSG	GGFGGGYGSG	FGGFGGFGGG	AGGGDGGILT
151	ANEKSTMQEL	NSRLASYLDK	VQALEEANN	LENKIQDWYD	KKGPAAIQKN
201	YSPYNTIDD	LKDQIVDLTV	GNNK TLLDID	NTR MTLDDFR	IKFEMEQLNR
251	QGV DADINGL	R QVDNLTIME	KSDLEMQYET	LQEELMALKK	NHKEEMSQLT
301	QONSGDVNVE	INVAPGKDLT	KTLNDRMQEY	EQLIAKNRDK	IENQYETQIT
351	QIEHEVSSSG	QEVQSSAKEV	TQLRHGVQEL	EIELQSLSK	KAALEKSLED
401	TKNRYCQQLQ	MIQEQISNLE	AQITDVRQEI	ECQNQEYSLL	LSIKMRLEKE
451	IETYHNLLG	QGEDFESSGA	GKIGLGRGG	SGSGYGRGRS	GGSGSGYGGG
501	GSGGGYGGGS	GSR SGSGGSY	GGGSGSGSGS	GGGYGGSGSG	GHSGSGGGGH
551	SGGSGGNYGG	GSGSGGGSGG	GYGGGSGSRG	GSGGSHGGGS	GFGGESGGSY
601	GGGEEASGSG	GGYGGGSGKS	SHS		