

a

1	MHDELIARAK	AWLAEDPDAE	TREELAKLID	AEDVTELAAR	FSGTLQFGTA
51	GLRGELGAGP	MRMNR AVVIR	AAAGLAAYLK	AKGEQGGLVV	IGYDAR HKSA
101	DFARD TAAVM	TGAGLRAAVL	PRPLPTPVLA	YAIRHLGAVA	GVEVTASHNP
151	PRDNGYKVYL	GDGSQIVPPA	DAEIAAEIDA	VRALADVPRP	DSGWETLDDS
201	VLNAYLAR TD	AVLAEGSPRT	AR TVYTAMHG	VGK DVLLAAF	ARAGFPEPVL
251	VAEQAEPPDP	FPTVAFNPPE	EPGAMDLAFA	KARETDPDLI	IANDPDADRC
301	AVAVKGGTDW	RMLRGDEVGA	LLAQHLVSRG	ARGTFAESIV	SSSLLGRIAE
351	KAGVPYEETL	TGFKWIARVE	GLRYGYEEAL	GYCVDPEGVR	DKDGITAALL
401	ITELASELKE	RGRTLVDFLD	DIAVEHGLHA	TDQLSVRVED	LSVIANAMRR
451	LREQPPTRLA	GLAITRSEDL	TKG TDRLPPT	DGLRYTLDGA	RVIVRPSGTE
501	PKLKCYLEVV	VPVGTQRDLP	AARTKATNLL	ETIKRDLSEA	AGI

b

1	MSTDVIVVGA	GPTGLMLACE	LALAGVRTRV	LERRTEPQRD	SRALSLHPRS
51	VELMDQR GLL	DRFLPLGRAV	PGWHFAGLRT	QLDFSALDSR	HGYTLFLAQ A
101	RTEAILERRA	HELGVEISRG	HEVLGVR QDG	DGVEVEVRAP	GGGTETAHSL
151	YAVGCDGGRS	IVRQAAGIGF	PGTDETLTGV	LGDFAVVDPQ	PGALAAARAG
201	GVIVAPLEGG	VTR FVYLDPE	RIR VPAREPV	SLEEFRTSLT	RITGSDCGVA
251	EPVWLSRFGN	ATRLAESYRS	GRILLAGDAA	HIHFPAAGQG	LNTGLQDAMN
301	LGWK LA AVVG	GWAPPGLLDG	YDGERRPVGR	SVTENTEVQT	LLAELTLVAQ
351	YRRPAEALRR	LLDQLLGM AE	VNRR LADQVS	ALGTGYPPPD	PGADPLVGR
401	MPDVGLTAAG	SEATR VYELL	HGGRFVLLSL	AGDPALRESV	DAGWGPRVTA
451	VAVDKYDEHP	DLDGVTEVLV	RPDGHVAWAT	RTTDGGARDD	QRARALTAWA
501	GTRS				

c

1	MPPDRKLIND	IHK AINGEHS	AILCYK QIAE	NAPTEDIRKQ	ILEIRQDEQR
51	HFEFESRIFT	NLTGKKPIPI	IIECPKKYR	TSLES AFKDE	QETVDFYLDL
101	ADRI QNQSIK	KVFQRAAADE	QNHAVWFLFF	LNTSSTQQTR	QVNYGAKGAL
151	NSGRL TL PQM	LTFAIQDEYL	AQAR YNEILR	NFGDIRTFVQ	IKEAELRHIN
201	ALLSLFER YQ	VQIPK DTSQL	YVTPVTCLKD	AYASGVQGEI	DNIAMYNKFL
251	TFDLPADART	VFTQLR NASL	NHLEAFRRGL	ERN	

d

1	MSDTPQLVVH	RDKELMA EEA	AARLITKIVD	AQASR GSASV	VLTGGRNGNG
51	LLAALAGSPA	RDAIDWSRLD	LWWGDER FLP	EGDPERNVTQ	AQQALLDSVP
101	LDPKRVHAMA	ASDGPYGS DV	EAAAAAYAQE	LATASVPENH	AAVPSFDVLL
151	LGVGPDTHVA	SLFPEHPGVR	ETERTVIGVH	GSPKPPPIRI	SLTLPAIR AA
201	REVWLLAAGE	DKAN AVAMAL	SGAGEIQAPA	AGARGRARTL	WLLDSAAASQ
251	LPRSLYPPAS	A			