

PLMRKAYL**K**
 SLMRKAYLR
 ↓LSLMRKAYL
 NLSLMRKAY
 AYLRRCKEF
 ↑AYLKCKEF
 KAYLRCKE
 ↑RAAWGNL**S**L KAYL**K**CKE
 LGRAAWGNL LMRKAYL**R**
 PERAAWGNL LMRKAYL**KK**
 DLQHSTPPK
 ELQHSTPPK
 1 MDKVLNREESMELMDLLGLERAAGNPLMRKAYLRCKEFHPDKGGDEDKMKRMNTLYKKMEQDVKAHQPDFGTSSSEVPTYGTEEWESWWSSFNEKWDEDLFCHEDMFASDEEATADSQ**HSTPPK** 129

RK D EDPKDF KKKRK D EDP KEKRKV E DP PKKKR K DE PKEKRKV E D PPKEKR K DE PPKEKRKV ↓TPPKKKR K D ↓↑TPPK E KRV STPP E KR HSTPP E KR ↑FPSDLH H FL ↑FPSD V HQFL ↓FPCDLHQFL DFPSDLH H F DFPSD V HQF ↓DFPCDLHQF ↓↑DPKDFPSD V ↓DPKDFPC D REVEDPKDF KKK E VEDP PKKKR E VED PPKKKR E VE ↑TPPKKKR E V STPPKKK E ↑HAFSNRTL LSHAVFSNR HQFLSHAVF HHFLSQAVF	KA Q I V YKKL KA Q MLYKKL KA L I L YKKL KA L I L YKK V KV L I L YKKL KEKA Q I V K KEKA Q MLYK KEKA L I L YK KE V L L YK TKEKA Q VLY TKEKA Q MLY TKEKA L I L Y TKE V L L Y MEKYSVT L I NKEKA Q I L Y MEKY P VT F I ↑TNKEKA Q I L Y↓ ↑LMEKYSVT L ↑TTKE V L I L ↑LMEK P VT F ↓TTKEKA Q I V ↑ ↑VMEKYSVT F ↓TTKEKA Q ML KLMEK P VT ↓TTKEKA L I L KVMEKYSVT LY S FLTPHR AGHN L YS F CAGHN L YS MCAGHN L YS LYKK V MEKY VYKKL M EKY ILYKK V MEK IVYKKL M EK MLYKK L MEK RHCAGHNI RHICAGHNI RQMCAGHNI CEKLCTFSF NFCEKLCTF YLLYSALT K YSALTR N PY YSALT E PY YSALT K EPY YSALT K D P Y YLLYSALT K	PY H I E ESI ↑PY T I E ESI ↑PY I I E ESI ↓LTRDPY H I ↓LTRDPY Y I ↓LTRDPY Y T LTRE P YHTI ↓LTRNPY Y I ↓LT K E P YHTI ↓LT K D P YHTI YSALTR N PY YSALT E PY YSALT K EPY YSALT K D P Y YLLYSALT K	
		124 HSTPPKKRKVEDPKDFPSDLHQFLSQAVFSNRTLACFAVYTTKEKA Q I L YKKL M EKY S VT F ISRHMCAGHNI I FFLTPHRHRVSAINNFCQKLCTFSFLICKGVNKEYLLYSALTRDPYHTIESIQ	251

↓MYLEFQYNA
 LSMYLEFQY
 LLLSMYLEF
 DVFLLLS^{SMY}
 DV^LLLLGM^Y
 KCEDV^LLLL
 TKCEDV^LLL
 252 GGLKEHDFNPEEPEETKQVSWKLITEYAVETKCEDVF^{LLL}GM^YLEFQYNVEECKCQKKDQPYHFKYHEKFANATIFAESKNQKSICQQAVDTVLAKKRVDTLHMTREEMLT^RFNHILD^KMDLI 378

FLHC^VVFN^V
 FDFLHC^VV^F
 ↓VIFDFLHC^V
 ↓VRFD^FFLHC^I
 MDSV^RFD^FFL ↑VPKRRYW^L
 ↓KMDSV^RFDF V^VFN^VPKRR
 379 GAHGN^AVLEQY^MAGVAWL^HCLLPKMDSV^IFD^FLHC^IVFN^VPKRRY^WLFKG^PIDSG^KT^TLAAG^LLDLCGG^GKALNVNL^PMER^LT^FELGVAIDQY^MVVFEDV^KGTGAESKD^LPSGHG^INNLDSL^DRYL 503

KTL^HARF^VR
 ↑VPK^TL^HARF
 ↓YPVP^KT^L^HA
 ↓YP^GP^KT^LQ^A
 ↓YA^VP^KT^LQ^A
 NEY^P^GP^KT^L
 NEY^AV^PK^TL
 NK^YP^VP^KT^L
 ↓ND^YP^VP^KT^L
 TMNEY^P^GP^K
 TMNEY^AV^PK^TL
 TMN^KY^PV^PK^TL
 TMN^DY^PV^PK^TL
 L^HARF^LI^HT
 LLLIWS^RP^V
 LLLL^IW^SR
 TLLL^IW^S
 IT^TLLL^IW
 ↓GI^TLLL^ILI
 SG^IT^TLLL^ILL
 LQSG^IT^TLLL
 ILQSG^IT^TLL
 ↓RILQSG^IT^TLL
 IW^SR^PVAD^F
 504 DGSVKVN^LEKKH^LNKRTQ^IFPPGLVTMNEY^PV^PK^TLQ^AR^FV^RQ^ID^FR^PK^IYL^RK^SLQN^SEFL^LLEK^RILQ^SG^MT^LLLL^IW^FR^PVAD^FATDIQS^RI^VE^WK^ER^LD^EI^SMY^TFSRM^KY^NICMGK^CI^L 628

629 DITREEDSETEDSGHGSSTESQSQC^SQVSDTSAPAEDSQRLDPHSQELHLCKGFQCFKRPKT^{PPP}K*



