

gi|38327539|ref|NP\_063945.2|-----MPS---KAENLRPSEAPAPQ-----PEGRTLOGQLPGAP-----PAQRAGSPDPAPGSES-PALACSTPATPSGEGPPARAAPAIAPRPPA-RPRLERALSDDKGWRR-RRFRGSOEDLEARNG 108  
gi|14916467|ref|NP\_149125.1|-----MPS---KSACLRHTE-APGQ-----LEGRMLQGPPNTEKLLI--PTPGFLPASDSQGETNPMPPPSIIPAKTSNQNPQKANKLITPPPI-TPKLERITSLDDKGWRR-RRFRGSOEDLTVQNG 112  
gi|73967547|ref|XP\_849208.1|MOOLALPLVPRPRPQOEPLRLLSSEPAQRLLSLGFTGSPSRVRPAG--PPEDRMMLKGLPSIGQDVA--PHLGGPPTNNGDOPERTVPLPLTFAQTSNEDPEAKAKPTPKPPP-OPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 144  
gi|76671314|ref|XP\_582780.2|-----MPS---KLVSLGHSEITASQPTAOGCLCEGSMKGLLNSDEEPPV--PCLGSPAAGGRGPGERSPELPLDTPHQVSNEDDPAQARPFPTPKPPP-OPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 122  
gi|118099409|ref|XP\_415418.2|-----MSS---LNGFSQHSSTICTOR-----AEGGAVCDLQAKKAKAAKKEISNGVLTFFESPPRVDTLLNEILKLLPDELKANKVKKSIIPRPPP-KPRLERAAASLDEKNKRWRRFRGSOEDLTVQNG 117  
gi|156616330|ref|NP\_001096089.1|



gi|38327539|ref|NP\_063945.2|LSPSRGVSQSEGPAPAHSCSP---CLSTSLQEIPKSRGVL--SERGSPSSGGNPLSGVASSPNLPHRDAAVAGSSPRLPSELLPPRPPALSDDIASDRLTANKVDSLDLADYKLRALPLVRAHSSSLGPRGR-RPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 251  
gi|14916467|ref|NP\_149125.1|ASPCRGSLQDSVAQSPAYRPLP---CLSTSLQEIPKSRAT--GSEGGSPLWSDCLSGMISTSLDLLHRDAASGGPPSRRLASLHSHSTPPAMDLSIASSSLRNTANKVDPETHDYKLRMQTRLVRAHSSNLGSRPR-RPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 255  
gi|73967547|ref|XP\_849208.1|AGGRRGSLQDEVPRPFPSPGSP---CLSTSLQEIPKSRRAQ--DAGGSPSSWGHCISGMISTSLDLLHRDGAAGTAVR-----LPPVDPKVAPESLRPHRVDSGPDGKPHLQSRFRASSLGPRGR-RPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 273  
gi|76671314|ref|XP\_582780.2|LSPSGSLODEVPTPARSGSP---CLSALEQEIPTARRAP--GGCG--PSWNGCLSGMISTSLDLLHREGASAGSPTRLASLLSPPRPLPAMARNMAEGLRNTANKVDPHDADYKLRALPLVRAHSSSLGPRGR-RPRLERALSDEKAWRR-RRFRGSOEDLTVQNG 263  
gi|118099409|ref|XP\_415418.2|LSSNGSLQRAALTSPIRGRATPCSCCEPNLHSPDASEESPVGKSGSTDLGKRAS-EISSAFGLLRGRAFAGSRPLSQIMPAPRPLPMLNVAHILRLTANKIDPDLMDYRHSQHKFGRVSNLSDTRLHNGIVYDNCSTDMVSDNITSVD 266  
gi|156616330|ref|NP\_001096089.1|



gi|38327539|ref|NP\_063945.2|SAKSSFLAPIRSKDVRSSRYLEGSLLAGALLGAEELARYFPDRNVALFVATWMMOGQKELPPLDDEFLLPABADYADLVVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 401  
gi|14916467|ref|NP\_149125.1|SAR-SFSLAPIRTKDIRSSRYLEGSLLAGALLGAEELARYFPDRNVALFVATWMMOGQKELPASLDEFLLPEADYTODLVVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 404  
gi|73967547|ref|XP\_849208.1|-ARSSFLAPIRAKDVRSSRYLEGSLLAGALLGAEELARYFPDRNVALFVATWMMOGQKELPPNDELLELLPABADYADLVVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 422  
gi|76671314|ref|XP\_582780.2|SSRSTFSLAPIRAKDVRSSRYLEGSLLAGALLGAEELARYFPDRSVALFVATWMMOGQKELPPNDELLELLPABADYADLVVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 413  
gi|118099409|ref|XP\_415418.2|SMKSTFSLPPIRSDKVRSSRYLEGSLLAGALLGAEELARYFPDRNVALFVATWMMOGQKELPENLDDFLPDPDPAQDMLVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 416  
gi|156616330|ref|NP\_001096089.1|SMKSTYVLPPIRSDKVRSSRYLEGSLLAGALLGAEELARYFPERRLGIYIATWMMOGQKELPENLDDFLPDPDPAQDMLVIGVQEGCSDRREWETRLQETLGPVYVLLSAAHGVLVMSLPIRRDLIWFCSVEVCSSTVITRIVSQI 159



gi|38327539|ref|NP\_063945.2|KTKGALGVSFTFFGTSFLFITSHFTSGDGKVAERLLDYRNVQALVLRNVPDTPYRSSAADVTTRFDEVFVDFWDFNFRLSGGRVAVEAFLKQKPEVDLALLQHDQTLREMKGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 551  
gi|14916467|ref|NP\_149125.1|KTKGALGVSFTFFGTSFLFITSHFTSGDGKVAERLLDYRNVQALVLRNVPDTPYRSSAADVTTRFDEVFVDFWDFNFRLSGGRVAVEAFLKQKPEVDLALLQHDQTLREMKGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 554  
gi|73967547|ref|XP\_849208.1|KTKGALGVSFTFFGTSFLFITSHFTSGDGKVSERLLDYRNVQALVLRNVPDTPYRSDAADVTTRFDEVFVDFWDFNFRLSGGRVAVEAFLKQKPEVDLALLQHDQTLREMKGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 572  
gi|76671314|ref|XP\_582780.2|KTKGALGVSFTFFGTSFLFITSHFTSGDGKVSERLLDYRNVQALVLRNVPDTPYRSDAADVTTRFDEVFVDFWDFNFRLSGGRVAVEAFLKQKPEVDLALLQHDQTLREMKGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 563  
gi|118099409|ref|XP\_415418.2|KTKGALGVSFTFFGTSFLFITSHFTSGDSKVNERKLDYRNVQALVLRNVPDTPYRSDAADVTTRFDEVFVDFWDFNFRLNKDRIVDSILNQPETGVSKEILLAYDQLSEMGRGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 566  
gi|156616330|ref|NP\_001096089.1|KTKGALGVSFTFFGTSFLFITSHFTSGDSKVNERKLDYRNVQALVLRNVPDTPYRSDAADVTTRFDEVFVDFWDFNFRLNKDRIVDSILNQPETGVSKEILLAYDQLSEMGRGSIKFGFOEADIHFLPSYKFDIGKDYDSTSKORT 309



gi|38327539|ref|NP\_063945.2|PSYTDRLVYRSRHKGDICPVSYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-QALKSQNSSTICVSVS 644  
gi|14916467|ref|NP\_149125.1|PSYTDRLVYRSRHKGDICPMKYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-EALKSQNSSTICVSVS 647  
gi|73967547|ref|XP\_849208.1|PSYTDRLVYRSRHKGDICPVYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-QALKSQNSSTICVSVS 665  
gi|76671314|ref|XP\_582780.2|PSYTDRLVYRSRHKGDICPVYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-QALKSQNSSTICVSVS 656  
gi|118099409|ref|XP\_415418.2|PSYTDRLVYRSRHKGDICPVYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-QALKSQNSSTICVSVS 659  
gi|156616330|ref|NP\_001096089.1|PSYTDRLVYRSRHKGDICPVYSSCPGKITSDRFPVYGLFRVVKVRPGRDNIPLAAGKFDRRELYLIGIKRRISKEIQRQ-QALKSQNSSTICVSVS 403

