

gi|166362728|ref|NP_001954.2|-----MLLTLIILLPVVSKFSFVSLAPQHWSCPEGLTAGN-----GNSICVGPAPFLIFSHGNSIFRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 100
gi|114595659|ref|XP_517395.2|-----MLLTLIIVLLPVVSKFSFVSLAPQHWSCPEGLTAGN-----GNSICVGPAPFLIFSHGNSIFRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 100
gi|50978782|ref|NP_001003094.1|-----MLLPLIILLPVVSKFSFVSLAPQHWSCPEGLTAGN-----GNSICVGPAPFLIFSHGNSIFRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 100
gi|6753732|ref|NP_034243.1|MPWGRRPWLLLAFLLVFLKISILSVTAQTGNCPGGLER-----ERSGICVGPAPFLIFSHGNSIFRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 107
gi|6978797|ref|NP_036974.1|-----MLFSLTFLSVFLKISILSVTAQTGNCPGGLER-----TTTYAAGAPRFLIFLQGNIFRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 101
gi|47604934|ref|NP_001001292.1|-----MFLFPVAFLLPVVIFVDFASPPALQHWSCPNYRRLKSESSACVDIDECLEGLGICGQTCINVPGSYFCCLPGYALDIDKRCYVNDPAPFLIFSHGNSIYRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 144
gi|45387869|ref|NP_991294.1|-----MFLFPVAFLLPVVIFVDFASPPALQHWSCPNYRRLKSESSACVDIDECLEGLGICGQTCINVPGSYFCCLPGYALDIDKRCYVNDPAPFLIFSHGNSIYRIDTEGTYEQLVVDAGVIVIMDFYHNKRIYVWVDLEROLLOR 42



gi|166362728|ref|NP_001954.2|VFVNGSRQERVNIEKNSVGMMAINWINNEEVIWSNOOEGIIITVDMKGNNSHLLSALKYPAVAVDPVERFIWSSSEVA--GSLYRADLDGIVGVKALLETSEKITAVALDVLDKRFLWQYINREGNSNLICS CDYDGGSVHISKHPHOHN 248
gi|114595659|ref|XP_517395.2|VFVNGSRQERVNIEKNSVGMMAINWINNEEVIWSNOOEGIIITVDMKGNNSHLLSALKYPAVAVDPVERFIWSSSEVA--GSLYRADLDGIVGVKALLETSEKITAVALDVLDKRFLWQYINREGNSNLICS CDYDGGSVHISKHPHOHN 248
gi|50978782|ref|NP_001003094.1|VFVNGSRQERVNIEKNSVGMMAINWINNEEVIWSNOOEGIIITVDMKGNNSHLLSALKYPAVAVDPVERFIWSSSEVA--GSLYRADLDGIVGVKALLETSEKITAVALDVLDKRFLWQYINREGNSNLICS CDYDGGSVHISKHPHOHN 250
gi|6753732|ref|NP_034243.1|VFVNGSRQERVNIEKNSVGMMAINWINNEEVIWSNOOEGIIITVDMKGNNSHLLSALKYPAVAVDPVERFIWSSSEVA--GSLYRADLDGIVGVKALLETSEKITAVALDVLDKRFLWQYINREGNSNLICS CDYDGGSVHISKHPHOHN 254
gi|6978797|ref|NP_036974.1|VFVNGSRQERVNIEKNSVGMMAINWINNEEVIWSNOOEGIIITVDMKGNNSHLLSALKYPAVAVDPVERFIWSSSEVA--GSLYRADLDGIVGVKALLETSEKITAVALDVLDKRFLWQYINREGNSNLICS CDYDGGSVHISKHPHOHN 249
gi|47604934|ref|NP_001001292.1|IHLNGIKRERLGYIDKGISGFAIDWIRKRLWLANRKAIEATDMNGKRRVLLRDIQRPTKLAIDAEIRLIFWSSDGT--SSIYRMSLNGSDVRNIIIRTEKIKAIISLDFVDIRLWYIQHDHGKEISHIGSCDYEGSAVHLLSSRYQ 293
gi|45387869|ref|NP_991294.1|AGLDGRRRQKLLISSVKGIITGLVVDWIENSVLWNADEGLIQRMDTDGKNDRVLLRNLISQPRGVVVDNRRYIFWLSDGAI--SSIQRSDMTGKMMSTVLKIVADRLKVLAVDRRRLFWVQCGQRG--HTAMGSCNYDGNININFNQOFRQ 190



gi|166362728|ref|NP_001954.2|LFAMSLFGDRIFYSIWKMKTIWIANKHTGKDMVRINLHLSFVPLGELKVVHPLAQPKAEDDTEWPEQKLRKLRKNCSSIVCGQDLQSHLCTCABGYALSRDRKYCEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 398
gi|114595659|ref|XP_517395.2|LFAMSLFGDRIFYSIWKMKTIWIANKHTGKDMVRINLHLSFVPLGELKVVHPLAQPKAEDDTEWPEQKLRKLRKNCSSIVCGQDLQSHLCTCABGYALSRDRKYCEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 398
gi|50978782|ref|NP_001003094.1|LFAMSLFGDRIFYSIWKMKTIWIANKHTGKDMVRINLHLSFVPLGELKVVHPLAQPKAEDDTEWPEQKLRKLRKNCSSIVCGQDLQSHLCTCABGYALSRDRKYCEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 400
gi|6753732|ref|NP_034243.1|LFSMAFFGDRIFYSIWKMKTIWIANKHTGKDMVRINLHLSFVPLGELKVVHPLAQPKAEDDTEWPEQKLRKLRKNCSSIVCGQDLQSHLCTCABGYALSRDRKYCEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 404
gi|6978797|ref|NP_036974.1|LLTMAIFGDKILYSALKKKAIAWIAKHTGKNNVVRVLLDPAVPPRELVRVHLAQPCTENRAQASDSECKQRRQCCYLSLSEDPNSDSSA CAEYTLISDRDKYCEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 399
gi|47604934|ref|NP_001001292.1|IHLNGIKRERLGYIDKGISGFAIDWIRKRLWLANRKAIEATDMNGKRRVLLRDIQRPTKLAIDAEIRLIFWSSDGT--SSIYRMSLNGSDVRNIIIRTEKIKAIISLDFVDIRLWYIQHDHGKEISHIGSCDYEGSAVHLLSSRYQ 443
gi|45387869|ref|NP_991294.1|SLRMTIFLIDYVVLSDSKSKITIRLNKTAGGRQENVSQRMPHSPADVKVVHPIINQPVVETPFTPG---CSRHTGECVK--VCSHTDGLCGKDGFTLTKSHGNI CEDVNECAFWNHGCTLGCKTIPGSYYCTCPVGVFLLPDGKRCHOL 335



gi|166362728|ref|NP_001954.2|VSCPRNVECSHDCVLTSEGLPCFCPEGSVLERDGTGKSGCSPDNGGCSQICLPLSPVSWECDFPGVDLQDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 547
gi|114595659|ref|XP_517395.2|VSCPRNVECSHDCVLTSEGLPCFCPEGSVLERDGTGKSGCSPDNGGCSQICLPLSPVSWECDFPGVDLQDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 547
gi|50978782|ref|NP_001003094.1|VSCPRNVECSHDCVLTSEGLPCFCPEGSVLERDGTGKSGCSPDNGGCSQICLPLSPVSWECDFPGVDLQDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 549
gi|6753732|ref|NP_034243.1|VSCPRNVECSHDCVLTSEGLPCFCPEGSVLERDGTGKSGCSPDNGGCSQICLPLSPVSWECDFPGVDLQDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 553
gi|6978797|ref|NP_036974.1|VACPNRVECSHDCVLTSEGLPCFCPEGSVLERDGTGKSGCSPDNGGCSQICLPLSPVSWECDFPGVDLQDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 549
gi|47604934|ref|NP_001001292.1|IHLNGIKRERLGYIDKGISGFAIDWIRKRLWLANRKAIEATDMNGKRRVLLRDIQRPTKLAIDAEIRLIFWSSDGT--SSIYRMSLNGSDVRNIIIRTEKIKAIISLDFVDIRLWYIQHDHGKEISHIGSCDYEGSAVHLLSSRYQ 592
gi|45387869|ref|NP_991294.1|KPCVGVKAVDCDHACVHTAQDQDMVCPPEGSLLNPDGQSCGCLSDRGGCSQMCVTLTPGRWVCECPGQIIPDKKSCAAS--GPOPFLLFANSQDIRHMHFDGTDYKLLSQOMGMVYALDHPVENKIFYAHTALKWIERANMDGSGRE 484



gi|166362728|ref|NP_001954.2|RLIEEGVDVPEGLAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDTGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 697
gi|114595659|ref|XP_517395.2|RLIEEGVDVPEGLAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDTGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 697
gi|50978782|ref|NP_001003094.1|RLIEEGVDVPEGLAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDMGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 699
gi|6753732|ref|NP_034243.1|RLITEGVDLLEGLAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDMGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 703
gi|6978797|ref|NP_036974.1|RRITEGVDLLEGLAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDMGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 699
gi|47604934|ref|NP_001001292.1|KVIHGAIIDPEGLAVDWIRKRLWLANRKAIEATDMNGKRRVLLRDIQRPTKLAIDAEIRLIFWSSDGT--SSIYRMSLNGSDVRNIIIRTEKIKAIISLDFVDIRLWYIQHDHGKEISHIGSCDYEGSAVHLLSSRYQ 742
gi|45387869|ref|NP_991294.1|LLVSTGLNSPEALAVDWIGRRFYWTDGRKSLIGRSLDNGKRSKIIITKENISQPRGIAVHPMAKRLFWTDMGINPRIESSSLQGLGRVLIASSDLIWPSSGITIDFLDKLYWCDAKQSVIEMANLDGSKRRRLTONDVGHPPAVAVFEDYV 634



