

gi|6678868|ref|NP\_032617.1| MKAPVFLAPGILVLLLSLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVEFKTGPVLEHPDC-LPCRDCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVLPPD 149  
gi|13928700|ref|NP\_113705.1| MKAPVFLAPGILVLLLSLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVEFKTGPVLEHPDC-FPCODCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVLPPD 149  
gi|188595716|ref|NP\_001120972.1| MKAPAVLAPGILVLLFLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVAEYKTPVLEHPDC-FPCODCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVPFNH 149  
gi|114615578|ref|XP\_001138791.1| MKAPAVLAPGILVLLFLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVAEYKTPVLEHPDC-FPCODCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVPFNH 149  
gi|50950181|ref|NP\_001002963.1| MKAPAVLAPGILVLLFLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVAEYKTPVLEHPDC-SPDCDCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVLPPS 149  
gi|61657916|ref|NP\_001013017.2| MKAPAVLAPGILVLLFLVQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVAEYKTPVLEHPDC-FPCODCCSKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVPFNH 149  
gi|45382601|ref|NP\_990543.1| MKPVIAYPSGILFLFALLQRSHGCEKALVKSEMNVMKYLQPNFIAETPIQNVVLHGHHIYLGATNYIYVLDKDLQKVAEYKTPVLEHPDC-APDCDCKANVSGGVWKNINMALLVDIYDDQLISCGSVNRGTCORHVLPPD 148  
gi|189537338|ref|XP\_001922677.1| MTHYSEASILIIILQELMWGLNCCGEEPIESSKLDLSDVTDLYPFVSDPIIKLLEINGVYVYGAVRLYALS-KDLKKKHEYKTPVLEHPDCPTDCCGCEKPRNIN--NTNMALLMEFYDLELFCGSGVNGVCSRHVLED- 146  
gi|55742200|ref|NP\_001007125.1| MTHYSEASILIIILQELMWGLNCCGEEPIESSKLDLSDVTDLYPFVSDPIIKLLEINGVYVYGAVRLYALS-KDLKKKHEYKTPVLEHPDCPTDCCGCEKPRNIN--NTNMALLMEFYDLELFCGSGVNGVCSRHVLED- 146



gi|6678868|ref|NP\_032617.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 297  
gi|13928700|ref|NP\_113705.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 299  
gi|188595716|ref|NP\_001120972.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 298  
gi|114615578|ref|XP\_001138791.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 298  
gi|50950181|ref|NP\_001002963.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 299  
gi|61657916|ref|NP\_001013017.2| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 299  
gi|45382601|ref|NP\_990543.1| NSADIOSVHVMCFSP--EEESGQPCDCVVSALGAKVLLSEKDRFINFFVGNINSSYPYSLHSISVRRLKEQDGFKFLTDSYIDVLPFEFLDSYPIKYIHAFESNHFYFLTVQKETLDAOTFHRIRIRFCSVDSGLHSYMEMPLEC 298  
gi|189537338|ref|XP\_001922677.1| --GPLGAEVTCMYTKNKGESHGCCPCLAGPAGTQILNIMSGRVRVFFVANSPELESNGRPLHHTISIRKMRTEQDGFEEFSSQSYMDLAPSLRGNVPLHVVYVYFSGPVIYVFLTVQREGGNSKAFHTRIVRMCSSDEILLRIVEMPFEC 294  
gi|55742200|ref|NP\_001007125.1| --GPLGAEVTCMYTKNKGESHGCCPCLAGPAGTQILNIMSGRVRVFFVANSPELESNGRPLHHTISIRKMRTEQDGFEEFSSQSYMDLAPSLRGNVPLHVVYVYFSGPVIYVFLTVQREGGNSKAFHTRIVRMCSSDEILLRIVEMPFEC 294



gi|6678868|ref|NP\_032617.1| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 447  
gi|13928700|ref|NP\_113705.1| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 449  
gi|188595716|ref|NP\_001120972.1| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 448  
gi|114615578|ref|XP\_001138791.1| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 448  
gi|50950181|ref|NP\_001002963.1| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 449  
gi|61657916|ref|NP\_001013017.2| ILTEKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 449  
gi|45382601|ref|NP\_990543.1| IFTKRRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 448  
gi|189537338|ref|XP\_001922677.1| IYSERRRKRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 443  
gi|55742200|ref|NP\_001007125.1| IYSERRRKRKRSREEVFNILQAAVSKPGANLAKOIGASPSDDILFGVFAQSKPDSAEPMNRSAVCAFPPIKVVNDFFNKNVKNVRCLOHFYGNHEHCFNRTLLRNSGCEARRDEYRTEFTALQAVDLFMGRLNQLVLLTSISVFIK 443



gi|6678868|ref|NP\_032617.1| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 595  
gi|13928700|ref|NP\_113705.1| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 597  
gi|188595716|ref|NP\_001120972.1| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 596  
gi|114615578|ref|XP\_001138791.1| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 596  
gi|50950181|ref|NP\_001002963.1| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 597  
gi|61657916|ref|NP\_001013017.2| DLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 597  
gi|45382601|ref|NP\_990543.1| NLTIANLGTSEGRFMQVVLRSRHAHLTPHVNFLLDLSDVPSPEVIVHPSNONGYTLVVTGKKITKIPNLGLGCEHFQSCQCLAPYFICCGWCH--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 596  
gi|189537338|ref|XP\_001922677.1| NRTVVSGLTAEGRVICVVRFRFKTEPHVDFRDLMLPVSSEMAILSPQHNGSLLITNGKVNKSLPIVGPCEQLWCSQCLLAPGFMCGWCR--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 593  
gi|55742200|ref|NP\_001007125.1| NRTVVSGLTAEGRVICVVRFRFKTEPHVDFRDLMLPVSSEMAILSPQHNGSLLITNGKVNKSLPIVGPCEQLWCSQCLLAPGFMCGWCR--NRCVRFDECPSTGTWTQICLPAVKVFPPTSAPLEGGTTLITCGWDFGFRKNNKF 593



gi|6678868|ref|NP\_032617.1| DLRRKTKVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 744  
gi|13928700|ref|NP\_113705.1| DLRRKTKVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 746  
gi|188595716|ref|NP\_001120972.1| DLKKTIRVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 745  
gi|114615578|ref|XP\_001138791.1| DLKKTIRVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 745  
gi|50950181|ref|NP\_001002963.1| DLKKTIRVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 746  
gi|61657916|ref|NP\_001013017.2| DLKKTIRVLLGNESCTLLLESTNTLTKCVGPAHSEHFNVSIVISNREITQYSAFSYVDPVITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 746  
gi|45382601|ref|NP\_990543.1| ELRNLVHHIGGQICALEAKSNNKIKLECLAPAAKASFNISISSVSGHGKLENTFSYVNPITISIPRYGPAAGGILLILTKYLNLSGNSRHISIGGKCTLKSVDSDILECYTPAQTSDFFVVKLIDLANRETS--SFSYREDPVIV 746  
gi|189537338|ref|XP\_001922677.1| DEKLLIDVVVAGTKCKLERKSDNNRNLVGLDHDVNVSSVDSVTVRSQKEQAQKDFSFVNPVITIEIFPEFGPQSGGMLLISGSFLDSGNVTVVGNALCVLQSVATMLTCRPPQSPSQHVKVLDHIDGVIFEFAPVSYTNKPNHIS 743  
gi|55742200|ref|NP\_001007125.1| DEKLLIDVVVAGTKCKLERKSDNNRNLVGLDHDVNVSSVDSVTVRSQKEQAQKDFSFVNPVITIEIFPEFGPQSGGMLLISGSFLDSGNVTVVGNALCVLQSVATMLTCRPPQSPSQHVKVLDHIDGVIFEFAPVSYTNKPNHIS 743



gi|6678868|ref|NP\_032617.1| EIHPTKSFIS-----GGSTITGIGKILNSVSLPKLVIEVDHEVGVNYTVACQHRNSSEIICCTPSLQQLDLPLKTKAFFLLDGIKSKHFDLIYVHNPFVFPFKPVMISGMENNVVEIKGNDIDPEAVK-GEVLK 875  
gi|13928700|ref|NP\_113705.1| EIHPTKSFIS-----GGSTITGIGKILNSVSLPKLVIEVDHEVGVNYTVACQHRNSSEIICCTPSLQQLDLPLKTKAFFLLDGIKSKHFDLIYVHNPFVFPFKPVMISGMENNVVEIKGNDIDPEAVK-GEVLK 877  
gi|188595716|ref|NP\_001120972.1| EIHPTKSFISWWKEPLNIVSFLFCFASGGSTITGVGNLNSVSPRMVINVHEAGRNFVACQHRNSSEIICCTPSLQQLNLQLPLKTKAFFMLDGIKSKYFDLIYVHNPFVFPFKPVMISGMENNVLEIKGNDIDPEAVK-GEVLK 894  
gi|114615578|ref|XP\_001138791.1| EIHPTKSFISWWKEPLNIVSFLFCFASGGSTITGVGNLNSVSPRMVINVHEAGRNFVACQHRNSSEIICCTPSLQQLNLQLPLKTKAFFMLDGIKSKYFDLIYVHNPFVFPFKPVMISGMENNVLEIKGNDIDPEAVK-GEVLK 894  
gi|50950181|ref|NP\_001002963.1| AIHPTKSFIS-----GGSTITAVGNLNSVSLRMVLDVHEARRNFVACQHRNSSEIICCTPSLQQLNLQLPLKTKAFFMLDGIHISKYFDLIYVHNPFVFPFKPVMISGMENNVLEIKGNDIDPEAVK-GEVLK 877  
gi|61657916|ref|NP\_001013017.2| EIHPTKSFIS-----GGSTITGVGNLNSVSLRMVINVHEAGRNFVACQHRNSSEIICCTPSIQLNLQLPLKTKAFFMLDGIHISKYFDLIYVHNPFVFPFKPVMISGMENNVLEIKGNDIDPEAVK-GEVLK 877  
gi|45382601|ref|NP\_990543.1| KIHPKSFIS-----GGSTITAVGNLNSVSPRMVINVHEAGRNFVACQHRNSSEIICCTPSLQQLNLQLPLKTKAFFMLDGIHISKYFDLIYVHNPFVFPFKPVMISGMENNVLEIKGNDIDPEAVK-GEVLK 877  
gi|189537338|ref|XP\_001922677.1| SVQPKHSFIS-----GGSTIVTVNGFYLSALQPMVLTAAATEGKLFQVCSHDEKRNILCIIPSLKGLSVQPPVAKMTFVLDGFSIDQDLYLVEDEPKFEFQKPTVTPRGGKNILEIKVPPVNOEAVKNGEVLK 875  
gi|55742200|ref|NP\_001007125.1| SVQPKHSFIS-----GGSTIVTVNGFYLSALQPMVLTAAATEGKLFQVCSHDEKRNILCIIPSLKGLSVQPPVAKMTFVLDGFSIDQDLYLVEDEPKFEFQKPTVTPRGGKNILEIKVPPVNOEAVKNGEVLK 875



gi|6678868|ref|NP\_032617.1| VGNQSCESLHWHS GAVLCTVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFAGLIIGAVSISVVVLLLSGLFLWKRKRK-HKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGACROVC 1023  
gi|13928700|ref|NP\_113705.1| VGNQSCENLHWHS EALLCTVPSDLLKLN-GGELNIEWKQAVSSTVLGKVIQVOPDNFAGLIIGAVSISVVVLLLSGLFLWKRKRK-HKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGACROVC 1026  
gi|188595716|ref|NP\_001120972.1| VGNKSCENIHLHS EAVLCTVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGSCROVC 1043  
gi|114615578|ref|XP\_001138791.1| VGNKSCENIHLHS EAVLCTVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGSCROVC 1043  
gi|50950181|ref|NP\_001002963.1| VGNKSCETIYSDS KAVLCKVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGSCROVC 1026  
gi|61657916|ref|NP\_001013017.2| VGNKSCENIHLHS EAVLCTVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRAIFPEDQFPNSSONGSCROVC 1026  
gi|45382601|ref|NP\_990543.1| VGNKSCENLLLSQSTILCTVPSDLLKLN-SELNIEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTEMVSNESVDYRSIFPEDQFPNSSONGSCRPAL 1026  
gi|189537338|ref|XP\_001922677.1| VSNRTCESVTLVGNLLECTVPSMELQTA-AKELEVEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKHHIDDLAKTMVWVDGRAHIPHLDMLANARSVSPTEMVSNESVDYRITLLEDONPLFQTESCRPHL 1024  
gi|55742200|ref|NP\_001007125.1| VSNRTCESVTLVGNLLECTVPSMELQTA-AKELEVEWKQAVSSTVLGKVIQVOPDNFTGLIAGVVISISVALLLLGFLFLWKRKRKHHIDDLAKTMVWVDGRAHIPHLDMLANARSVSPTEMVSNESVDYRITLLEDONPLFQTESCRPHL 1024



gi|6678868|ref|NP\_032617.1| YPLT--DLSPILTS GDS DISSPLLQNTVHIDL SALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDNGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1171  
gi|13928700|ref|NP\_113705.1| YPLT--DLSPILTS GDS DISSPLLQNTVHIDL SALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDSDGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1174  
gi|188595716|ref|NP\_001120972.1| YPLT--DMSPILTS GDS DISSPLLQNTVHIDL SALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDNGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1191  
gi|114615578|ref|XP\_001138791.1| YPLT--DMSPILTS GDS DISSPLLQNTVHIDL SALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDNGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1191  
gi|50950181|ref|NP\_001002963.1| YPLT--DLSPMLTS GDS DISSPLLQNTVHIDL SALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDNGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1174  
gi|61657916|ref|NP\_001013017.2| YPLT--DLSPILTS GDS DISSPLLQNTIHDLSALNPELVQAVQHVHVGPSLLIVHFNEVIGRGHFGCVYHGTLDDNDGKKIHCAVKS LNRRITDIEEVSQFLTEGIIMKDFSHPNVLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1174  
gi|45382601|ref|NP\_990543.1| YPHS--DLSPILTS GDS DLASPLLLQNTVHIDL SALNPELVQAVQHVHVGADSLMVHFSVIGRGHFGCVYHGTLDDNGKKIHCAVKS LNRRITDIEEVAQFLKEGITMKDFTHPNLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRNET 1174  
gi|189537338|ref|XP\_001922677.1| YAHSHVDLSPMLGPMEGDLASPLLLSAPIDLGLS LHP LKXVQHVVIAREDLLLVHNEIIGRGHFGCVYHGTLLEPDGQKQHCATKSLNRRITDIEEVSQFLKEGITMKDFTHPNLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRDES 1174  
gi|55742200|ref|NP\_001007125.1| YAHSHVDLSPMLGPMEGDLASPLLLSAPIDLGLS LHP LKXVQHVVIAREDLLLVHNEIIGRGHFGCVYHGTLLEPDGQKQHCATKSLNRRITDIEEVSQFLKEGITMKDFTHPNLSLLGICLRS EGSPLVVLPYMKHGDLRNFIRDES 1174



gi|6678868|ref|NP\_032617.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDMYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDALYEVMLKCWHPK 1321  
gi|13928700|ref|NP\_113705.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDMYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDALYEVMLKCWHPK 1324  
gi|188595716|ref|NP\_001120972.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDMYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDPLVEVMLKCWHPK 1341  
gi|114615578|ref|XP\_001138791.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDMYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDPLVEVMLKCWHPK 1341  
gi|50950181|ref|NP\_001002963.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDMYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDPLVEVMLKCWHPK 1324  
gi|61657916|ref|NP\_001013017.2| HNPTVKDLIGFGLQVAKGMEYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDVYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDPLVEVMLKCWHPK 1324  
gi|45382601|ref|NP\_990543.1| HNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDVYDKEYYSVHNKIGAKLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDPLVEVMLKCWHPK 1324  
gi|189537338|ref|XP\_001922677.1| HNPTVKDLMGFGLQVAKGMEYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDVYDKEYYSVHNKIGVLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDALNVMIECWHPK 1324  
gi|55742200|ref|NP\_001007125.1| HNPTVKDLMGFGLQVAKGMKYLASKKFVHRDLAARNCLMDEKFTVKVADFGGLARDVYDKEYYSVHNKIGVLPVKWMALESLOTQKFTTKSDVVSFGVLLWELMTRGAPPYDVNTFDITVYLLQRRLLQPEYCPDALNVMIECWHPK 1324



gi|6678868|ref|NP\_032617.1| AEMRPSFSELVSRISISFSTFIGEYHVHVNATYVNVKCVAPYPSLLPSQDNIDGEGNT----- 1379  
gi|13928700|ref|NP\_113705.1| AEMRPSFSELVSRISISFSTFIGEYHVHVNATYVNVKCVAPYPSLLPSQDNIDGEGNT----- 1382  
gi|188595716|ref|NP\_001120972.1| AEMRPSFSELVSRISAIIFSFTFIGEYHVHVNATYVNVKCVAPYPSLLSSEDNADDEVDTRPASFWETS 1408  
gi|114615578|ref|XP\_001138791.1| AEMRPSFSELVSRISAIIFSFTFIGEYHVHVNATYVNVKCVAPYPSLLSSEDNADDEVDTRPASFWETS 1408  
gi|50950181|ref|NP\_001002963.1| AELRPSFSELVSRISAIIFSFTFIGEYHVHVNATYVNVKCVAPYPSLLSSEDNIDGEGNT----- 1382  
gi|61657916|ref|NP\_001013017.2| AELRPSFSELVSRISVIFSFTFIGEYHVHVNATYVNVKCVAPYPSLLSSEDNIDGEGNT----- 1384  
gi|45382601|ref|NP\_990543.1| PEMRPAFSELVSKISIFSTFIGEYHVHVNATYVNVKCVAPYPSLLSSEDNIDMDVDI----- 1382  
gi|189537338|ref|XP\_001922677.1| PERRPFSSELVSRISAIIFSFSFGEYVILLNTIYVNIIDKMTYPSLISSESNLDRDCCT----- 1382  
gi|55742200|ref|NP\_001007125.1| PERRPFSSELVSRISAIIFSFSFGEYVILLNTIYVNIIDKMTYPSLISSESNLDRDCCT----- 1382

