



gi|91992162|ref|NP\_001035197.1|MMSRFNLPNSDSSRKDSKLCVLTQDFCMLFNKHEKTEENGVIPTSDSATQDNSFNKNSKTHSNSTTEENCVISEPLVLVLYNNEKVTGKDSVLIIRASEQQIGSLDPSGMLMNPVEDATGDONGICFQSEESKARACSETEESNTCC 1050  
gi|114653974|ref|XP\_001158381.1|MMSRFNLPNSDSSRKDSKLCVLTQDYCMLFNKHEKTEENGVIPTSDSATQDNSFNKNSKTHSNSTTEENCVVSEPLVLVLYNNEKVTGKDSVLIIRASEQQIGSLDPSGMLMNPVEDATGDONGICFQSEESKARACSETEESNTCC 1050  
gi|73963657|ref|XP\_537511.2|MMSHFDELPOSSSRKDHDLCSGLTLDSCCELLKKNYKTESDITPVLDSVTDNSFNKDSSETSSNKSITTEENVIPETPLVLPCDRSKDVSKDSVLI-ASEPQIGSPDSNRMVSQVSHVEVSHADNGICFQSEESIARTCSVDEESSTCC 1050  
gi|124249062|ref|NP\_780546.1|MTGHTSELDPNSPFWKDNSQCTRLDLDLDFCELLKKNLEKTESDMLPMADSATEDGFINKNSELHPN-NTDDETEKPEPLLLPCNDSEK-ISRSDVLIIRVSEQQSGSPDSASREVTIRQVEDSAGSQCGICCSQSHGFKARCSDNESSTHS 1050  
gi|109478479|ref|XP\_234420.4|MAGPVSERPDPSWKNDSQCARDLDFCELKKNLEKTESDMLPMADSATEDGFINKNSELHPN-SVDDREKPEPLLLPCNDSEK-ISKDSVLIIRVSEQQSGSPDSASREVTIRQVEDSAGSQCGICCSQSHGFKARCSDNESSTHS 1050  
gi|292627044|ref|XP\_696739.3|-----QDKELCR--DSNFKRDLSSFPSPQDSCKEKEKLLDDEDVLFGS--SGIVDSVDFPLIEQDIALPE-----VAEESHLENNVTFVIGNESSVD-----EASVASQRDPQHSIAGNEGQTNESVEIPVS 1050  
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010.....1020.....1030.....1040.....1050



gi|91992162|ref|NP\_001035197.1|SDWQRHFDFVALGRMVVYVNMKLTGLSTFIAP--TEDIQAACKKDLTIVAVDVLVLENGS-----QYRQPFPSDLVLPFLPRARAERTVMRODNRDITVDDIVSSESLQSLFSEWDFVVFARYPEVAVDVSSG 1200  
gi|114653974|ref|XP\_001158381.1|SDWQRHFDFVALGRMVVYVNMKLTGLSTFIAP--TEDIQAACKKDLTIVAVDVLVLENGS-----QYRQPFPSDLVLPFLPRARAERTVMRODNRDITVDDIVSSESLQSLFSEWDFVVFARYPEVAVDVSSG 1200  
gi|73963657|ref|XP\_537511.2|LDWQOHDFVALGRMVYINKITGLSTFIAP--TEDVRACTKDKLTIIVAVDVLVLENGT-----QYRCHPFRSDLVLPFLPRAREERTVMRC-NRDITVDDIVGKESLQSLFSEWDFVVFARYPEVAVDVSSG 1200  
gi|124249062|ref|NP\_780546.1|MDWQOHDFVTLGRMVYINRMKLTGLSTFVAP--TDDLHACTKDLTIVAVDVLVLLG-------DAVDAAAAIVPEPLQSLFSEWDFVVFARYPEVAVDVSSG 1200  
gi|109478479|ref|XP\_234420.4|MDWQOHDFVTLGRMVYINRMKLTGLSTFVAP--TDDIQTPTKDLTIVAVDVLVLLGNV-----QYRCHPFRSDLVLPFLPRAREERTVMRRH-NRDVDAAAIVPEPLQSLFSEWDFVVFARYPEVAVDVSSG 1200  
gi|292627044|ref|XP\_696739.3|NSWLAHYDSDLGKLVYINQVTLGSKYNSPPMEETQVPCITDVTINMAVSVISKAGAGNAVRRFWISNVQMSFIINSFLLLGFEYRCYPPQSDIVLVPFLPKPRAERAFNSG--TDSREDAQAPDSLTLFSEWDFVVFIRPPEVAVDVSSG 1200  
.....1060.....1070.....1080.....1090.....1100.....1110.....1120.....1130.....1140.....1150.....1160.....1170.....1180.....1190.....1200



gi|91992162|ref|NP\_001035197.1|QAESLAVKIHNILPYRFTKGMHSMOVLQVQVNDKFIACLMSR---TEENGEAGGNLLVLVDQHAHAHERIRLEQLIIDSYEQOQAGSGRKKLLSSTLIPPLEITVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
gi|114653974|ref|XP\_001158381.1|QAESLAVKIHNILPYRFTKGMHSMOVLQVQVNDKFIACLMSR---TEENGEAGGNLLVLVDQHAHAHERIRLEQLIIDSYEQOQAGSGRKKLLSSTLIPPLEITVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
gi|73963657|ref|XP\_537511.2|QAKSLVVKIHNVLVYRFTKGMHSMOVLQVQVNDKFIACLMSR---TEENGEAGGNLLVLVDQHAHAHERVRLLEQLIIDSYEQOQAGSGRKKLLSSTVSPPLKIRVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
gi|124249062|ref|NP\_780546.1|QAESLAVKIHNVLVYRFTKGMHSMOVLQVQVNDKFIACLMSR---MDEGDRGGNLLVLVDQHAHAHERIRLEQLIIDSYEQOQAGSGRKKLLSSTIIPPLAITVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
gi|109478479|ref|XP\_234420.4|QAGSLAVKIHNVLVYRFTKGMHSMOVLQVQVNDKFIACLMSR---TDSGG-------ADSYEQOQAGSGRKKLLSSTIIPPLAITVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
gi|292627044|ref|XP\_696739.3|QAESLAVKIHNILPYRFTKGMHSMOVLQVQVNDKFIACLMSR---TDSGG-------ADSYEQOQAGSGRKKLLSSTIIPPLAITVTEBORLLWCYHKHLEDLGLFVFPDTSLSLVGKVPVLCFVE 1350  
.....1210.....1220.....1230.....1240.....1250.....1260.....1270.....1280.....1290.....1300.....1310.....1320.....1330.....1340.....1350



gi|91992162|ref|NP\_001035197.1|REANELRRGRSTVTKSIVEEFIREQLELLQTTGGIGGLPLPLTVQKVLASQACHGAIKFNDGLSLOESCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
gi|114653974|ref|XP\_001158381.1|REANELRRGRSTVTKSIVEEFIREQLELLQTTGGIGGLPLPLTVQKVLASQACHGAIKFNDGLSLOESCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
gi|73963657|ref|XP\_537511.2|REANELRRGRSTVTKSIVEEFIREQLELLQTTGGIGGLPLPLTVQKVLASQACHGAIKFNDGLSREESCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
gi|124249062|ref|NP\_780546.1|REANELRRGRSTVTKSIVEELIREQLELLQTTGGIGGLPLPLTVQKVLASQACHGAIKFNDRLSLEESCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
gi|109478479|ref|XP\_234420.4|REANELRRGRSTVTKSIVEELIREQLELLQTTGGIGGLPLPLTVQKVLASQACHGAIKFNDRLSLEESCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
gi|292627044|ref|XP\_696739.3|KESTELRRGR-----SYLREHLELLRSTGRVIRGILPLTVHNVLASQACHGAIKFNDVNLKEECGLSVSLSSCRLEALSSCOLPFCAGHRPMSMLPLADIDHLEQEKQI-KPNLTKLRKMAQAWHLFGKAE-CDTROSLOQSMPPCEPP 1495  
.....1360.....1370.....1380.....1390.....1400.....1410.....1420.....1430.....1440.....1450.....1460.....1470.....1480.....1490.....

