

gi |20302168|ref|NP_619542.1|-MENMFLQSMMLTLCIFLLISGSCLECAEENF--SRYPDEKK--QNDSVIAECSNRRLQEVPTVGKIVTELDLSDNFITHITNESFOGLONLTKINLNHNPNVQHGONGNPGIOSNGLNITDGAFLNLKLR 128
gi |114687780|ref|XP_528893.2| MKESSLONSSCSLQKTKKENMFLQSMMLTLCIFLLISGSCLECAEENF--SRYPDEKK--QNDSVIAECSNRRLQEVPTVGKIVTELDLSDNFITHITNESFOGLONLTKINLNHNPNVQHGONGNPGIOSNGLNITDGAFLNLKLR 146
gi |76677887|ref|NP_001029109.1|-MLLHFLLLTSLFLLISDSCFFTEASY--PRYPQDVKN--ENGSTAECSNRRLQEVPTVGKIVTELDLSDNFITHITNESFOGLONLTKINLNHNPNVQHGONGNPGIOSNGLNITDGAFLNLKLR 122
gi |126723495|ref|NP_573475.2|-MENMPPQSWILLTCECLSSGTSIAIFKANY--SRYPDETR--HNSLVIAECSNRRLQEVPTVGKIVTELDLSDNFITHITNESFOGLONLTKINLNHNPNVQHGONGNPGIOSNGLNITDGAFLNLKLR 124
gi |189523814|ref|XP_001920594.1|-MLGIQDQVKNLIDGILLILKLLALSSELNVRILKIQPDIHEHITAEIVVNVNCRGKRLKVLQPLAN--ITVDLSENYIKNLVQSFHGLENLTLNLNWLN-----GNREVVVIAKGVSNLTKLR 120



gi |20302168|ref|NP_619542.1| ELLLEDNQLPQIPSGLPESLTELSELIQNNIYNIITREGISRLINLKNLYLAWNYCFN--KVCEKINLEDGVFETLNLLELLSLSFNLSLHVPPKLPSSLRKLFLSNITQIKYISEEDFKGLINLLELLSGNCPRCFNAPFPVCPDGGASIN 277
gi |114687780|ref|XP_528893.2| ELLLEDNQLPQIPSGLPESLTELSELIQNNIYNIITREGISRLINLKNLYLAWNYCFN--KVCEKINLEDGVFETLNLLELLSLSFNLSLHVPPKLPSSLRKLFLSNITQIKYISEEDFKGLINLLELLSGNCPRCFNAPFPVCPDGGASIN 295
gi |76677887|ref|NP_001029109.1| ELLLEDNQLPQIPAGLPESLKKLSLIQNNIITLTKNITSGLGNLESYLQWNYCFN--ACDKKFTIENGAFNLKLVLSLSEFNPLHSVPPSLPSLTELVLNTHIGNVSEEDFKGLINLLELLSGNCPRCFNAPFPVCPDGGASIQ 270
gi |126723495|ref|NP_573475.2| VLLLEDNQLPQIPAGLPESLKKLSLIQNNIIFQVTKNNIFGLRNLRLERLYLQWNYCFN--KCNQTFKVEDGAFKNLHLKLVLSLSEFNPLHSVPPSLPSLTELVLNTHIGNVSEEDFKGLINLLELLSGNCPRCFNAPFPVCPDGGASIH 272
gi |189523814|ref|XP_001920594.1| VLDLNGIKLKYIPKIDIPKNLEKLSLVENKILWINLITTEFHVKNLSVLVLSNCCYVWNPSSRRYRTEKGSLSYLVNLRKLVLSFNLLTQVPIGLPVLRLERLELGSNSLTYIGEDHFRGLFNLVVKIQGNCPRCHTAPVCPDIPKNTSIE 269



gi |20302168|ref|NP_619542.1| IDRFAFONLTLQRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--FLTMLPRLEILDLSFNVIKGSYPOHINISRNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 424
gi |114687780|ref|XP_528893.2| IDRFAFONLTLQRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--FLTMLPRLEILDLSFNVIKGSYPOHINISRNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 442
gi |76677887|ref|NP_001029109.1| IHPFLAFQTLTQRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--LEILDLSYNYEELKQYPOYINISNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 408
gi |126723495|ref|NP_573475.2| IHPFLAFQTLTQRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--FLTKLPLQILDLSFNVIKGSYPOHINISRNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 419
gi |189523814|ref|XP_001920594.1| IHPQAFSDLRNLHLHLAGNSIKSINPAWFANLSLQFLSFLNLEFSALIDPADIVFLGDLPLLTSLNLEFSAIKYVPLVPLVPLGPFANLISLRSRHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 416



gi |20302168|ref|NP_619542.1| LSENRISSPLVKDTRQSYANSSSFQRHIRKRRSTD-FEFDPHSNFYHFRPLIKPQCAAYGKALDLSLNSIFFIGPNFENLPDIACLNLSSANNAQVLSGHEFSAIPHVLYDLTNNRDLDFDNASALFELSDLEVLVLSYNSHYFRIAGV 573
gi |114687780|ref|XP_528893.2| LSENRISSPLVKDTRQSYANSSSFQRHILKRRSTD-FEFDPHSNFYHFRPLIKPQCAAYGKALDLSLNSIFFIGPNFENLPDIACLNLSSANNAQVLSGHEFSAIPHVLYDLTNNRDLDFDNASALFELSDLEVLVLSYNSHYFRIAGV 591
gi |76677887|ref|NP_001029109.1| LSENRISSPLVSDTEQHDANGTSFQSHILKRRSAD-ICFDPHSNFYHFRPLIKPQCAAYGKALDLSLNSIFFIGPNFENLPDIACLNLSSANNAQVLSGHEFSAIPHVLYDLTNNRDLDFDNASALFELSDLEVLVLSYNSHYFRIAGV 557
gi |126723495|ref|NP_573475.2| LSGNRIASVLDGT---DYSSWRNRRLRPLTDDDFDPHVNFYHFRPLIKPQCAAYGKALDLSLNSIFFIGPNFENLPDIACLNLSSANNAQVLSGHEFSAIPHVLYDLTNNRDLDFDNASALFELSDLEVLVLSYNSHYFRIAGV 564
gi |189523814|ref|XP_001920594.1| LAENRILYVPTVNGELSKATFVGSNHRSIMPLMAE---PLDITFDAPKNLVKSECYNAGRVLDSRLNLFSLISPEQDPTVGNISCLNLSRNGFSTAPNGSEFSLPNLKYLDSFNKVDLAYDNAFRELQSLVELDISYNSHYFTVAGV 560



gi |20302168|ref|NP_619542.1| THHLEFIQNFNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSGNRLDILWDDDDNRYISIFKGLKNLTRLDLRLKHIPNEAFNLNPASLTELHINDNMLKFFNWLLQFPRLLELDRGNKLLFLDLSLDFTSLSLRLLLSHNR 723
gi |114687780|ref|XP_528893.2| THHLEFIQNFNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSGNRLDILWDDDDNRYISIFKGLKNLTRLDLRLKHIPNEAFNLNPASLTELHINDNMLKFFNWLLQFPRLLELDRGNKLLFLDLSLDFTSLSLRLLLSHNR 741
gi |76677887|ref|NP_001029109.1| THRLGFIQNLINLRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--LEILDLSYNYEELKQYPOYINISNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 706
gi |126723495|ref|NP_573475.2| THRLGFIQNLINLRLVNLSSSTSLRKINAAWFKNMPHLKVLDFEFNYLVGEIASGA--LEILDLSYNYEELKQYPOYINISNFSKLLSLRALHLRGLVYVQELREDDFPQPLMQPLNLSLNLGIFIKIDFKLQNFNLSLEIY 714
gi |189523814|ref|XP_001920594.1| THNMFLQYLSLQVNLNLSHNNIYTLTDKYNLESKSLVELVFSGNRLDILWDDDDNRYISIFKGLKNLTRLDLRLKHIPNEAFNLNPASLTELHINDNMLKFFNWLLQFPRLLELDRGNKLLFLDLSLDFTSLSLRLLLSHNR 709



gi |20302168|ref|NP_619542.1| ISHLPSGFLSEVSSLKHLDLSSNLLKINKSALETKITKLSMELHGNPFECTCDIGDFRRWMDDEHLNPKIPLRVD-VICASPQDQKSKIVSLELITCVSDVNAVILFFFFFITMVMMLAALAHHLFVWVWFIYHVCLAKVKGYS 872
gi |114687780|ref|XP_528893.2| ISHLPSGFLSEVSSLKHLDLSSNLLKINKSALETKITKLSMELHGNPFECTCDIGDFRRWMDDEHLNPKIPLRVD-VICASPQDQKSKIVSLELITCVSDVNAVILFFFFFITMVMMLAALAHHLFVWVWFIYHVCLAKVKGYS 890
gi |76677887|ref|NP_001029109.1| ISHLPSDFLSSGASSLIHLDLSSNLLKINKSALETKITKLSMELHGNPFECTCDIGDFLEWMDRNLNVRVPLTD-VICASPQDQKSKIVSLELITCVSDVNAVILFFFFFITMVMMLAALAHHLFVWVWFIYHVCLAKVKGYS 855
gi |126723495|ref|NP_573475.2| FSHLPSGFLSEARNLVLDLDFNITKMIKSSLOTKMKINLILELHGNVFDCTCDISDFRSWLDENLITIPKLVN-VICSNPQDQKSKIVSLELITCVSDVNAVILFFFFFITMVMMLAALAHHLFVWVWFIYHVCLAKVKGYS 863
gi |189523814|ref|XP_001920594.1| ISKLAIGFLQGVNLEKELDLSYNYLITVNSIFPHE--DLKMLWHLGNPFECTCDIGDFLEWMDRNLNVRVPLTD-VICSNPQDQKSKIVSLELITCVSDVNAVILFFFFFITMVMMLAALAHHLFVWVWFIYHVCLAKVKGYS 856



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gi |20302168|ref|NP_619542.1| LSTSQTFYDAVISYDTKDAVTDWVINELRVHLEESRDKNVLLCLEERDWDPLGLAIDNLMOSINQSKTIFVLTKKYAKSWNFKTAFYLALQRLMDENMDVIFILLEPVLQHSQYLRRLRORICKSSILQWPDNPKAEGLFWQTLRNVV 1022
gi |114687780|ref|XP_528893.2| LSTSQTFYDAVISYDTKDAVTDWVINELRVHLEESRDKNVLLCLEERDWDPLGLAIDNLMOSINQSKTIFVLTKKYAKSWNFKTAFYLALQRLMDENMDVIFILLEPVLQHSQYLRRLRORICKSSILQWPDNPKAEGLFWQTLRNVV 1040
gi |76677887|ref|NP_001029109.1| LSTSQTFYDAVISYDTKDAVTDWVINELRVHLEESRDKNVLLCLEERDWDPLGLAIDNLMOSINQSKTIFVLTKKYAKSWNFKTAFYLALQRLMDENMDVIFILLEPVLQHSQYLRRLRORICKSSILQWPDNPKAEGLFWQTLRNVV 1005
gi |126723495|ref|NP_573475.2| SSTSQTFYDAVISYDTKDAVTDWVINELRVHLEESRDKNVLLCLEERDWDPLGLAIDNLMOSINQSKTIFVLTKKYAKSWNFKTAFYLALQRLMDENMDVIFILLEPVLQHSQYLRRLRORICKSSILQWPDNPKAENLFWQSLKNVV 1013
gi |189523814|ref|XP_001920594.1| LSSESCIVDAFITVDTKDPQVSDWVNLHLRVQLEERSLFLPICLEERDWPVGSFVLDLSLQSIQNSRKTIFVLTGGYVNSGSFKLAVFLAHQRLLEENEDVIVLLEPVLQHSHFVRLRRRLCARSLLEWPHSSSAEAWFQSLRNAI 1006
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010.....1020.....1030.....1040.....1050

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gi |20302168|ref|NP_619542.1| L TENDSRYNMYVDSIKQY 1041
gi |114687780|ref|XP_528893.2| L TENDSRYNMYVDSIKQY 1059
gi |76677887|ref|NP_001029109.1| L TENDSRYNLYVNSIKQY 1024
gi |126723495|ref|NP_573475.2| L TENDSRVDDLVIYSIKQY 1032
gi |189523814|ref|XP_001920594.1| RVDN QALNSELVSRVFTTK 1025
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