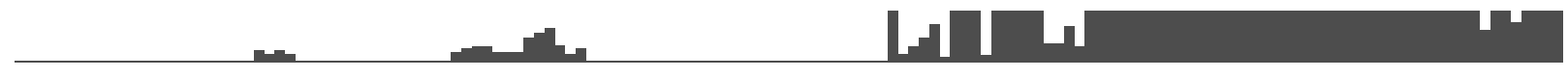


gi | 65301139 | ref | NP\_006036.1 | ..... \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 82  
gi | 114682662 | ref | XP\_001168714.1 | ----- MTDN ----- TPLQPVROKRRM ----- SRPRAGCCEWLRCCGGGEARPRIVWLGHPEKRDORYPRNVINNQKYNFFFLPGVLFNQFKYFFN 82  
gi | 40795674 | ref | NP\_056546.2 | ----- MTDN ----- TPLQPVROKRRM ----- SRPRAGCCEWLRCCGGGEARPRIVWLGHPEKRDORYPRNVINNQKYNFFFLPGVLFNQFKYFFN 82  
gi | 73992591 | ref | XP\_534457.2 | ----- MTDN ----- TPLQPVROKRRM ----- SRPRAGCCEWLRCCGGGEARPRIVWLGHPEKRDORYPRNVINNQKYNFFFLPGVLFNQFKYFFN 78  
gi | 118100892 | ref | XP\_417508.2 | MGGAEI GWKELCCGRHRGEAAGGMRDTGGQRVQRCGTPPAGREPAAPPAGQNRAGAGRTGRGGRTCVLGARPPRRSRQALEGPERAEALCCECLRCGRRDPRPRIVWLGHPEKRDORYPRNVINNQKYNFFFLPGVLFNQFKYFFN 150  
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150



gi | 65301139 | ref | NP\_006036.1 | \*\*\*\*\* \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 232  
gi | 114682662 | ref | XP\_001168714.1 | LFVLLLA CSQFVPEMRLGALYTYWVPLGFVLAVTVIREAVEEIRCYVRDKEVNSQVYSRLTARGIVKVKSSNIQVGDLLIVEKNQRPVADMIFLRTSEKNGSCFLRFDOLDGETDWKLRLPVACTQRLPTAADLLOIRSVVYAEENIDI 232  
gi | 40795674 | ref | NP\_056546.2 | LFVLLLA CSQFVPEMRLGALYTYWVPLGFVLAVTVIREAVEEIRCYVRDKEVNSQVYSRLTARGIVKVKSSNIQVGDLLIVEKNQRPVADMIFLRTSEKNGSCFLRFDOLDGETDWKLRLPVACTQRLPTAADLLOIRSVVYAEENIDI 232  
gi | 73992591 | ref | XP\_534457.2 | LFVLLLA CSQFVPEMRLGALYTYWVPLGFVLAVTVIREAVEEIRCYVRDKEVNSQVYSRLTARGIVKVKSSNIQVGDLLIVEKNQRPVADMIFLRTSEKNGSCFLRFDOLDGETDWKLRLPVACTQRLPTAADLLOIRSVVYAEENIDI 228  
gi | 118100892 | ref | XP\_417508.2 | LFVLLLA CSQFVPEMRLGALYTYWVPLGFVLAVTVIREAVEEIRCYVRDKEVNSQVYSRLTARGIVKVKSSNIQVGDLLIVEKNQRPVADMIFLRTSEKNGSCFLRFDOLDGETDWKLRLPVACTQRLPTAADLLOIRSVVYAEENIDI 300  
.....160.....170.....180.....190.....200.....210.....220.....230.....240.....250.....260.....270.....280.....290.....300



gi | 65301139 | ref | NP\_006036.1 | \*\*\*\*\* \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 382  
gi | 114682662 | ref | XP\_001168714.1 | HNFVGTFTRESDSPPISSELSIENTLWAGTVVASGTVVGVVLYTGRELRVMMNTSNPRSKIGLFDLEVNCLTKILFGALVVVSLMVALQHFAGRWYLIQIRFLLFSNIIPISLRVNLDMGKIVYSWVIRRDSKIPGTVVRSSSTIPEQL 382  
gi | 40795674 | ref | NP\_056546.2 | HNFVGTFTRESDSPPISSELSIENTLWAGTVVASGTVVGVVLYTGRELRVMMNTSNPRSKIGLFDLEVNCLTKILFGALVVVSLMVALQHFAGRWYLIQIRFLLFSNIIPISLRVNLDMGKIVYSWVIRRDSKIPGTVVRSSSTIPEQL 382  
gi | 73992591 | ref | XP\_534457.2 | HNFVGTFTRESDSPPISSELSIENTLWAGTVVASGTVVGVVLYTGRELRVMMNTSNPRSKIGLFDLEVNCLTKILFGALVVVSLMVALQHFAGRWYLIQIRFLLFSNIIPISLRVNLDMGKIVYSWVIRRDSKIPGTVVRSSSTIPEQL 378  
gi | 118100892 | ref | XP\_417508.2 | HNFVGTFTRESDSPPISSELSIENTLWAGTVVASGTVVGVVLYTGRELRVMMNTSNPRSKIGLFDLEVNCLTKILFGALVVVSLMVALQHFAGRWYLIQIRFLLFSNIIPISLRVNLDMGKIVYSWVIRRDSKIPGTVVRSSSTIPEQL 450  
.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



gi | 65301139 | ref | NP\_006036.1 | \*\*\*\*\* \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 532  
gi | 114682662 | ref | XP\_001168714.1 | GRISVLLDKTGTLTQNEMIFKRLHLGTVAYGLDSMDEVQSHIFSIYTOOSQDPPAQKGPLTITKVRRTMSSRVHEAVKALACHNVTPVYESNGVTDQAEAEKQYEDSCRVYQASSPDEVALVQWTESVGLTLVGRDQSSMQLRTPGDD 532  
gi | 40795674 | ref | NP\_056546.2 | GRISVLLDKTGTLTQNEMIFKRLHLGTVAYGLDSMDEVQSHIFSIYTOOSQDPPAQKGPLTITKVRRTMSSRVHEAVKALACHNVTPVYESNGVTDQAEAEKQYEDSCRVYQASSPDEVALVQWTESVGLTLVGRDQSSMQLRTPGDD 532  
gi | 73992591 | ref | XP\_534457.2 | GRISVLLDKTGTLTQNEMIFKRLHLGTVAYGLDSMDEVQSHIFSIYTOOSQDPPAQKGPLTITKVRRTMSSRVHEAVKALACHNVTPVYESNGVTDQAEAEKQYEDSCRVYQASSPDEVALVQWTESVGLTLVGRDQSSMQLRTPGDD 528  
gi | 118100892 | ref | XP\_417508.2 | GRISVLLDKTGTLTQNEMIFKRLHLGTVAYGLDSMDEVQSHIFSIYTOOSQDPPAQKGPLTITKVRRTMSSRVHEAVKALACHNVTPVYESNGVTDQAEAEKQYEDSCRVYQASSPDEVALVQWTESVGLTLVGRDQSSMQLRTPGDD 600  
.....460.....470.....480.....490.....500.....510.....520.....530.....540.....550.....560.....570.....580.....590.....600



gi | 65301139 | ref | NP\_006036.1 | \*\*\*\*\* \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 682  
gi | 114682662 | ref | XP\_001168714.1 | ILNFTILQIFPFTYESKRMGIIVRDESTGEIIFYMKGADVVMAGIVQYNDWLEEECGNMAREGLRVLVVAKKSLAEEQYDFEARYVQAKLSVHDRSLKVAIVIESLEMEMELLCLTGVEDQLQADVRLPTLETLRNAGIKVWMLTGDKLE 682  
gi | 40795674 | ref | NP\_056546.2 | ILNFTILQIFPFTYESKRMGIIVRDESTGEIIFYMKGADVVMAGIVQYNDWLEEECGNMAREGLRVLVVAKKSLAEEQYDFEARYVQAKLSVHDRSLKVAIVIESLEMEMELLCLTGVEDQLQADVRLPTLETLRNAGIKVWMLTGDKLE 682  
gi | 73992591 | ref | XP\_534457.2 | ILNFTILQIFPFTYESKRMGIIVRDESTGEIIFYMKGADVVMAGIVQYNDWLEEECGNMAREGLRVLVVAKKSLAEEQYDFEARYVQAKLSVHDRSLKVAIVIESLEMEMELLCLTGVEDQLQADVRLPTLETLRNAGIKVWMLTGDKLE 678  
gi | 118100892 | ref | XP\_417508.2 | ILNFTILQIFPFTYESKRMGIIVRDESTGEIIFYMKGADVVMAGIVQYNDWLEEECGNMAREGLRVLVVAKKSLAEEQYDFEARYVQAKLSVHDRSLKVAIVIESLEMEMELLCLTGVEDQLQADVRLPTLETLRNAGIKVWMLTGDKLE 750  
.....610.....620.....630.....640.....650.....660.....670.....680.....690.....700.....710.....720.....730.....740.....750



gi | 65301139 | ref | NP\_006036.1 | \*\*\*\*\* \* ..: \*\*\* \*\*\*\*\* ; \*\*\*\*\* \*\* : \*\*\* \* 832  
gi | 114682662 | ref | XP\_001168714.1 | TATCTAKNAHLVTRNQDIHVFRLVTRNREGAHLELNAFRRKHDCAVVISGDSLEVCLKYEYEFMELACCPAVVCCRCAPTQKQAIIVRLLQERTGKLTCAVGDGGNDVSMIQESDCGVGVEGKEGKQASLAADFSITQFKHLGRLLMVHG 832  
gi | 40795674 | ref | NP\_056546.2 | TATCTAKNAHLVTRNQDIHVFRLVTRNREGAHLELNAFRRKHDCAVVISGDSLEVCLKYEYEFMELACCPAVVCCRCAPTQKQAIIVRLLQERTGKLTCAVGDGGNDVSMIQESDCGVGVEGKEGKQASLAADFSITQFKHLGRLLMVHG 832  
gi | 73992591 | ref | XP\_534457.2 | TATCTAKNAHLVTRNQDIHVFRLVTRNREGAHLELNAFRRKHDCAVVISGDSLEVCLKYEYEFMELACCPAVVCCRCAPTQKQAIIVRLLQERTGKLTCAVGDGGNDVSMIQESDCGVGVEGKEGKQASLAADFSITQFKHLGRLLMVHG 828  
gi | 118100892 | ref | XP\_417508.2 | TATCTAKNAHLVTRNQDIHVFRLVTRNREGAHLELNAFRRKHDCAVVISGDSLEVCLKYEYEFMELACCPAVVCCRCAPTQKQAIIVRLLQERTGKLTCAVGDGGNDVSMIQESDCGVGVEGKEGKQASLAADFSITQFKHLGRLLMVHG 900  
.....760.....770.....780.....790.....800.....810.....820.....830.....840.....850.....860.....870.....880.....890.....900



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gi |65301139|ref|NP_006036.1| RNSYKRS AAL SQFVIHRSLCISTMQAVFSSVFYFASVPLYQGFLIIGYSTIYTMFPVFLVLDKDVKSEVAMLYPELYKDLLKGRPLSYKTFLIWVLISIQGSTIMYGALLLFESEFVHIVAI SFTSLILTELLMVALTIQTHWLMIV 982
gi |114682662|ref|XP_001168714.1| RNSYKRS AAL SQFVIHRSLCISTMQAVFSSVFYFASVPLYQGFLIIGYSTIYTMFPVFLVLDKDVKSEVAMLYPELYKDLLKGRPLSYKTFLIWVLISIQGSTIMYGALLLFESEFVHIVAI SFTSLILTELLMVALTIQTHWLMIV 982
gi |40795674|ref|NP_056546.2| RNSYKRS AAL SQFVIHRSLCISTMQAVFSSVFYFASVPLYQGFLIIGYSTIYTMFPVFLVLDKDVKSEVAMLYPELYKDLLKGRPLSYKTFLIWVLISIQGSTIMYGALLLFESEFVHIVAI SFTSLILTELLMVALTIQTHWLMIV 982
gi |73992591|ref|XP_534457.2| RNSYKRS AAL SQFVIHRSLCISTMQAVFSSVFYFASVPLYQGFLIIGYSTIYTMFPVFLVLDKDVKSEVAMLYPELYKDLLKGRPLSYKTFLIWVLISIQGSTIMYGALLLFESEFVHIVAI SFTSLILTELLMVALTIQTHWLMIV 978
gi |118100892|ref|XP_417508.2| RNSYKRS AAL SQFVIHRSLCISTMQAVFSSVFYFASVPLYQGFLIIGYSTIYTMFPVFLVLDKDVKSEVAMLYPELYKDLLKGRPLSYKTFLIWVLISIQGSTIMYGALLLFESEFVHIVAI SFTSLILTELLMVALTIQTHWLMIV 1050
.....910.....920.....930.....940.....950.....960.....970.....980.....990.....1000.....1010.....1020.....1030.....1040.....1050
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gi |65301139|ref|NP_006036.1| AELLSLACYIASLVFLHEFIDVYFIATLSFLWKVSVIILVSCLPYVLKYLRRRFSPPSYSKLTS 1047
gi |114682662|ref|XP_001168714.1| AELLSLACYIASLVFLHEFIDVYFIATLSFLWKVSVIILVSCLPYVLKYLRRRFSPPSYSKLTS 1047
gi |40795674|ref|NP_056546.2| AELLSLACYIASLVFLHEFIDVYFIATLSFLWKVSVIILVSCLPYVLKYLRRRFSPPSYSKLTS 1047
gi |73992591|ref|XP_534457.2| AELLSLACYIASLVFLHEFIDVYFIATLSFLWKVSVIILVSCLPYVLKYLRRRFSPPSYSKLTS 1043
gi |118100892|ref|XP_417508.2| AELLSLACYIASLVFLHEFIDVYFIATLSFLWKVSVIILVSCLPYVLKYLRRRFSPPSYSKLTS 1115
.....1060.....1070.....1080.....1090.....1100.....1110.....
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