

gi|58389638|ref|XP_317170.2|
gi|118789062|ref|XP_317171.2|
gi|58389643|ref|XP_317173.2|
gi|58389641|ref|XP_317172.2|
gi|57914649|ref|XP_555167.1|
gi|116245299|ref|XP_001230353.1|
gi|58389645|ref|XP_317174.2|
gi|58389647|ref|XP_317175.2|
gi|4758508|ref|NP_004253.1|
gi|114594516|ref|XP_526607.2|
gi|73975345|ref|XP_854470.1|
gi|194667985|ref|XP_599881.4|
gi|21704106|ref|NP_663536.1|
gi|75905477|ref|NP_001028824.1|

-----MYRPARVISTSRFLNPVVCFFIVVAGVVILAVTIALLLVYFLAFDQKSYFYRSSFOLLNVEYNSQLNSPATQEVYRILS 77
-----MYRPARVISTSRFLNPVVCFFIVVAGVVILAVTIALLLVYFLAFDQKSYFYRSSFOLLNVEYNSQLNSPATQEVYRILS 77
-----MPPTTKSSLPAQRPARVPSASRFLNPVVCFFVAVVILAVTIALLLVYFLAFDQKSYFYRSSFOLLNVEYNSQLNSPATQEVYRILS 87
-----MHLVLDLHELKQGSPTPRSKIGTGMWPFVRNSAAQQLRFWLYPAEHLTFEALANVKKCATVITVYDQPPQDKHEEPPARVTSASRFLNPVVCFFVAVVILAVTIALLLVYFLAFDQKSYFYRSSFOLLNVEYNSQLNSPATQEVYRILS 150
-----MYRPRMVLSPSRFFNPFMVALVITVGLLAMTAGLLIHLFLAFDKRAYFYHNSFHILNVDYTEALNSPATQEVYRILS 77
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

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gi|118789062|ref|XP_317171.2|
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gi|194667985|ref|XP_599881.4|
gi|21704106|ref|NP_663536.1|
gi|75905477|ref|NP_001028824.1|

-----MSNKIAILL-AVLVAVVACAQAQNRHRLVRFSPFSFPRPRYA-----VGQRIVGGFEIDVSDAPYQVSLQYNKRNCGGSLVLSKQVWLTAAH 88
-----MISNKIAILL-AVLVAVVACAQAQNRHRLVRFSPFSFPRPRYA-----VGQRIVGGFEIDVSDAPYQVSLQYNKRNCGGSLVLSKQVWLTAAH 82
-----MSNKITILL-AVLVAVVACAQAQNRHRLVRFSPFSFPRPRYA-----VGQRIVGGFEIDVSDAPYQVSLQYNKRNCGGSLVLSKQVWLTAAH 89
-----MSNKIAILL-TVLIAVVACARAQPS--RRHPL-VQPR---SPHG-----GHRIVGGFEINVSDTPYQVSLQYNKRNCGGSLVLSKQVWLTAAH 82
-----MSNKIAILLAVVAVVACAQAQPSRRRHVLPPLPRFLPRLRDS-----NGHRVGGFEIDVSDAPYQVSLQYNKRNCGGSLVLSKQVWLTAAH 91
-----MSIKFT-LLAVLFAVLLAVARAQAERRHKLTR-PVRFAPNRPYL-----AGKRIVGGFVINISDAPYQVSLQYDDDNCGGSLVLSKQVWLTAAH 88
-----MLSKFTAILLAVHIALFACALQAERKRLTRP--AFIPNAPYL-----AGKRIVGGFVIDISDAPYQVSLQYNGKHHCGGSLVLSKQVWLTAAH 87
GRIESLIKTKFKESNLRNQFIRAHVAKLRQDGGVGRADVVMKFFTRNNNGASMKSRIESVLRQMLNNSGNLEINPSEITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 227
GRIESLIKTKFKESNLRNQFIRAHVAKLRQDGGVGRADVVMKFFTRNNNGASMKSRIESVLRQMLNNSGNLEINPSEITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 227
GRIESLIKTKFKESNLRNQFIRAHVAKLRQDGGVGRADVVMKFFTRNNNGALMKSRIESVLRQMLNNSGNLEINPSEITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 237
GRIESLIKTKFKESNLRNQFIRAHVAKLRQDGGVGRADVVMKFFTRNNNGALMKSRIESVLRQMLNNSGNLEINPSEITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 237
GRIESLIKTKFKESNLRNQFIRAHVAKLRQDGGVGRADVVMKFFTRNNNGALMKSRIESVLRQMLNNSGNLEINPSEITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 299
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ERIEAMIDEFRGSLKSEFIRTHVVKLRKEGTGVVADVVMKFRSSKRNKRVMKTRIQSVLRRLLSS-SGNLEIAPSNITSLTDQAAANWLINECCGAPDLIILSEQRILGGTEAEGSWPQVSLRINNAHCGGSLINNMWLTAAH 226
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gi|58389643|ref|XP_317173.2|
gi|58389641|ref|XP_317172.2|
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gi|58389647|ref|XP_317175.2|
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gi|194667985|ref|XP_599881.4|
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CFRSNSNPRDNIATSGISTTFPKLRMRVRNLIHNKYKSAATHENDIALVRLNSVFTKDIHVSCLPAATNIPPGSTAVVTGWGAQEYAGHTVPELRQGGVRIISNDVNCNAPHSY-NGAIVLPGMLCAGLPQGGVDAACGGDGGPLVQED 448
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.....310.....320.....330.....340.....350.....360.....370.....380.....390.....400.....410.....420.....430.....440.....450



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gi|58389643|ref|XP_317173.2|-----KLVGVVSWGAGCAQPGYPGVYARVAVVRDWWRENSGV 275
gi|58389641|ref|XP_317172.2|-----KLVGVVSWGSGCAQPGYPGVYARVAVVRNWWREISGV 267
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gi|116245299|ref|XP_001230353.1|-----KLVGVVSWGHECALAGYPGVYARVASARDWIRATSGV 110
gi|58389645|ref|XP_317174.2|-----KLVGVVSWGHECALAGYPGVYARVASVRDWWIRITSGV 274
gi|58389647|ref|XP_317175.2|-----KLVGVVSWGHECALAGYPGVYARVASVRDWWIRETSGV 273
gi|4758508|ref|NP_004253.1|SRRLWFLVIGIVSWGDCGLPDKPGVYTRVTAYLDWIRQQTGI 418
gi|114594516|ref|XP_526607.2|SRRLWFLVIGIVSWGDCGLPDKPGVYTRVTAYLDWIRQQTGI 418
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gi|194667985|ref|XP_599881.4|SRRLWFLVIGIVSWGDCGLPDKPGVYTRVTAYRDWITEKTGV 490
gi|21704106|ref|NP_663536.1|SRRLWFLVIGIVSWGDCGLPDKPGVYTRVTAYRNWIRQQTGI 417
gi|75905477|ref|NP_001028824.1|SRRLWFLVIGIVSWGDCGLPDKPGVYTRVTAYRNWIRQQTGI 417

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