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logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1   MTLLSNYWSLISFSITVLSAPYWPWMPSWGWAWLCLIVMVLLGYHRVGRQFLGFVAAILTIVLQGNLIRDQSNVLYQAGP   80
NTDB id 1396 DSB67 RS04755 WP 010649088.1     MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGG   80
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 MTLSEKSWTLALFVASVISSAWWPTIPDWRWLLLGIITTGSIIKLRRGLISIGAIAGFMVVIVHGNVLESQRQALFQAGE   80
NTDB id 1295 VP RS04795 WP 005481856.1        MTLLEKSWTLALFVASVISSAWWPTMPDWRWLLLGIITTGSIIKLRRGLISIGVIVGFMVVIVHGNIMEYQRQALFQAGE   80
consensus                                     !!!******!**!***!*!***!!**!*!*!**!**!********!*!****!***********!!***  !***!**!!*

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1   DIIIKGRVDSFFTQTRYAYEGFVLIHEVNGQTLNKMTRPRIRLSAPLLLQPNDRVEFSVTLKPIVGRLNQTGFDLEAHYM  160
NTDB id 1396 DSB67 RS04755 WP 010649088.1     NITINGKVDSPFTQISHGYEGIAQINQVNSQNLLPFLKPKIRLITAFPLPVNSEFTTQVTIKPILGLKNEAGFDAEKQAV  160
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 NITIIGKVDSPFTQISHGYEGIVAIEAVNSQTLLPFLKPKIRLITPFPLDVNSEFTTSISLKPITGLRNEAGFDAEKHAM  160
NTDB id 1295 VP RS04795 WP 005481856.1        NSTIIGRVDSSFTQISHGYEGVVAIKQVNSHTLLPFLKPKVRLITPFPLAVNSEFTTNVLIKPIIGLRNEAGFDAEKQSM  160
consensus                                     ***!*!*!!!*!!!****!!!***!  *!!***!*****!**!!*****!  *!*********!!!*!**!**!!!*!****

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1   AQSVVARAVVKPDTAYQIVQESGIRSSLFFELEQLTHTSPYQGLILALTFGERKGIDEQEWQALRNSGLIHLVAISGLHI  240
NTDB id 1396 DSB67 RS04755 WP 010649088.1     GKGIVARAVTPDDAKWLIRTYSSFRQQIITAVDTHIAELDHFPLISALAFSDRSLLAKQDWQSLRDSGLLHLVSISGLHI  240
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 GKNTIARAVVNKDAKWIVRSNVSLRQSIIADVADDVSSLHHFSLISALVFADRSWLSKEDWQALRDSGLLHLVSISGLHI  240
NTDB id 1295 VP RS04795 WP 005481856.1        GSGVVARAVVTKDSYWVIRTSSSWREAIIQTVERDISRLEHFALIKALAFADRTGLTKEDWQSLRDSGLLHLVSISGLHI  240
consensus                                     *****!!!!* *!******** ** !**** *** *********!!*!!*!**!***** *!! !!*!!!*!!!*!!!!!!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1   GIAFSVGYFLGLGMMRFHAQLLWSPFVCGALLAVLYAWLAGFTLPTQRALIMCLLNVALIMLAFPLSALKRILLTLVAVL  320
NTDB id 1396 DSB67 RS04755 WP 010649088.1     GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 GMAFTFGLVVGGTVRYLLPQYQLLPSLYGLIFAVAYAWLADFSLPTTRAVSVCVVYVLLKYTLVHWTSWRVLLLAVSLQL  320
NTDB id 1295 VP RS04795 WP 005481856.1        GMALTFGLALGGLIRLAMPRYWFLPSVSGLAFAIVYAWLADFSLPTTRAVSVCIIYIALKYWLVHWSPWRVLLLAVALQL  320
consensus                                     !*!***!* *!*************!** !***!**!!!!!*!*!!!*!!***!*****!** **********!!*****!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1   LWSPFASLSNSFWMSFLAVAIVLYQLASQSQRQ....VWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
NTDB id 1396 DSB67 RS04755 WP 010649088.1     FIEPFASFTMSFWLSYLSVVAVLLAVNVVQQRRGNRQTKLSSLLKIQLVLTLLIVPISGAFFSGTSLVSIAYNLVFIPWF  400
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 LVQPFASYSMSFWLSYLSACAVLFAINLIRHQRGGWKARLKALLLTQLMLSALIVPVSGHFFSGFSLSSIAYNLVFIPWF  400
NTDB id 1295 VP RS04795 WP 005481856.1        FFQPFASFSLSFWLSYLSVGAVLFAVNTVQDSKEGRLGKLRILLLTQLILSLLIVPISGYFFSGFSWSSLVYNLVFIPWF  400
consensus                                       *!!!!***!!!*!*!***!!**** ******** *****!!**!**!**!**!****!!*!*!*****!!!!!!!!!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1   SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSLLL  476
NTDB id 1396 DSB67 RS04755 WP 010649088.1     GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGSLVTLV  480
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1 GFIVVPLMFLALFSSLFLEMIAKPLWHLVDWSLQPLSTSIQYAIGSWQPISMEMTMLVMAIVVCLIFQRFMSQYAWYLLL  480
NTDB id 1295 VP RS04795 WP 005481856.1        GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRYVWMFVC  480
consensus                                     ****!!**!**!*********!***!  **!****!!******!***!*****************************
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logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1     GMI.GLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDND   555
NTDB id 1396 DSB67 RS04755 WP 010649088.1       MLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRRGFGTIDMFIISHADSD   560
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1  GIVIS.IKLASEYEPHWRIDVLDVGHGLAVVVEKDDKVLLYDTGKAWQSGSIAEQVVTPVLHQRGYESIDTLILSHSDND   559
NTDB id 1295 VP RS04795 WP 005481856.1          VIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRRGYSSVDTMILSHADND   560
consensus                                       **********  ****!!*!!!!!!!!!!***!*******!!!!**!**!!** *!**!*!* !!* **!**!*!!*!*!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1     HAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDVT   635
NTDB id 1396 DSB67 RS04755 WP 010649088.1       HAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDIE   640
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1  HAGGRFFIEDAFSPQRKLSSQFFIGYEPCTRGDQWKWQGLKMEVLWPPALVQRAYNPHSCVLRLTDPISNFSMLFTGDIE   639
NTDB id 1295 VP RS04795 WP 005481856.1          HAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDIE   640
consensus                                       !!!******* **!* ***!! ******!* ***!*!!*!  *!!!!!* !*!!!!*!!!!****!* * * *! *!!**

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NTDB id 1149 A1552VC RS08405 WP 000173776.1     AMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQI   715
NTDB id 1396 DSB67 RS04755 WP 010649088.1       AVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQV   720
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1  AISEWILLREPGKLQSDVMLVPHHGSKSSSNPRFIEAVSPSVAVASLAKNNRWGMPAENVVASYRKLGITWLDTGEGGQV   719
NTDB id 1295 VP RS04795 WP 005481856.1          AISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQI   720
consensus                                       !**!!*!*!****!*!*!!*!!!!!!!*!!***!***!*!**!*!!*!! ! !**!***!***!** ***!!!!!**!!*

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1     SLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE   747
NTDB id 1396 DSB67 RS04755 WP 010649088.1       SVFIERDNWYFEAKRSETFEPWYRQMLRKRVE   752
NTDB id 1111392 ACOB85 RS17430 WP 225466332.1  SFFIHRDNWRSETKRSDTFEPWYRQMLRKGVE   751
NTDB id 1295 VP RS04795 WP 005481856.1          TILLDGNNWRFESKRRETIEPWYRQMLRNRVE   752
consensus                                       *************!*****!!!!!!!!* !!
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X non conserved

X similar

X $\geq$ 50% conserved