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logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  MTLLSNYWSLISFSITVLSAPYWPWMPSWGWAWLCLIVMVLLGYHRVGRQFLGFVAAILTIVLQGNLIRDQSNVLYQAGP   80
NTDB id 1295 VP RS04795 WP 005481856.1       MTLLEKSWTLALFVASVISSAWWPTMPDWRWLLLGIITTGSIIKLRRGLISIGVIVGFMVVIVHGNIMEYQRQALFQAGE   80
NTDB id 61947 M892 RS05430 WP 012127395.1    MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRVGV   80
NTDB id 1396 DSB67 RS04755 WP 010649088.1    MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGG   80
consensus                                    !!!!*** *!**!***!*!***!!*!!*!*!**!**!********!*!****!***********!!****!***!* *!

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  DIIIKGRVDSFFTQTRYAYEGFVLIHEVNGQTLNKMTRPRIRLSAPLLLQPNDRVEFSVTLKPIVGRLNQTGFDLEAHYM  160
NTDB id 1295 VP RS04795 WP 005481856.1       NSTIIGRVDSSFTQISHGYEGVVAIKQVNSHTLLPFLKPKVRLITPFPLAVNSEFTTNVLIKPIIGLRNEAGFDAEKQSM  160
NTDB id 61947 M892 RS05430 WP 012127395.1    NITINGKVDSPFTQISHGYEGIAQINQVNSQNLLPFLKPKIRLITAFPLPVNSEFTTQVTIKPILGLKNEAGFDAEKQAI  160
NTDB id 1396 DSB67 RS04755 WP 010649088.1    NITINGKVDSPFTQISHGYEGIAQINQVNSQNLLPFLKPKIRLITAFPLPVNSEFTTQVTIKPILGLKNEAGFDAEKQAV  160
consensus                                    ***!*!*!!!*!!!****!!!* *!**!!** !*****!**!!*****!**!******!**!!!*!**!**!!!*!****

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  AQSVVARAVVKPDTAYQIVQESGIRSSLFFELEQLTHTSPYQGLILALTFGERKGIDEQEWQALRNSGLIHLVAISGLHI  240
NTDB id 1295 VP RS04795 WP 005481856.1       GSGVVARAVVTKDSYWVIRTSSSWREAIIQTVERDISRLEHFALIKALAFADRIGLTKEDWQSLRDSGLLHLVSISGLHI  240
NTDB id 61947 M892 RS05430 WP 012127395.1    GKGITARAVTPDDAKWLIRTHSSFRQQIITAVDTHIAELDHFPLISALAFSDRSLLAKQDWQSLRDSGLLHLVSISGLHI  240
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GKGIVARAVTPDDAKWLIRTYSSFRQQIITAVDTHIAELDHFPLISALAFSDRSLLAKQDWQSLRDSGLLHLVSISGLHI  240
consensus                                    *****!!!! **!****!** !**!*****************!!*!!*!**!* *****!!*!!*!!!*!!!*!!!!!!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1  GIAFSVGYFLGLGMMRFHAQLLWSPFVCGALLAVLYAWLAGFTLPTQRALIMCLLNVALIMLAFPLSALKRILLTLVAVL  320
NTDB id 1295 VP RS04795 WP 005481856.1       GMALTFGLALGGLIRLAMPRYWFLPSVSGLAFAIVYAWLADFSLPTTRAVSVCIIYIALKYWLVHWSPWRVLLLAVALQL  320
NTDB id 61947 M892 RS05430 WP 012127395.1    GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTARAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
consensus                                    !*!***!**!!**************!* *!***!**!!!!!*!*!!!*!!***!**** !*******!*****!!*****!

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NTDB id 1149 A1552VC RS08405 WP 000173776.1  LWSPFASLSNSFWMSFLAVAIVLYQLASQSQRQVWW....KALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
NTDB id 1295 VP RS04795 WP 005481856.1       FFQPFASFSLSFWLSYLSVGAVLFAVNTVQDSKEGRLGKLRILLLTQLILSLLIVPISGYFFSGFSWSSLVYNLVFIPWF  400
NTDB id 61947 M892 RS05430 WP 012127395.1    FIEPFASFTMSFWLSYLSVVAVLLAVNVVQQRRGNWQTKLSSLLKIQLVLTLLIVPISGAFFSGTSLVSIAYNLVFIPWF  400
NTDB id 1396 DSB67 RS04755 WP 010649088.1    FIEPFASFTMSFWLSYLSVVAVLLAVNVVQQRRGNRQTKLSSLLKIQLVLTLLIVPISGAFFSGTSLVSIAYNLVFIPWF  400
consensus                                    ***!!!!***!!!*!*!*!**!!************ ******!!**!**!**!**!*** !!*!*!*****!!!!!!!!!

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSL.L  475
NTDB id 1295 VP RS04795 WP 005481856.1       GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPTSAEWTFVIAVVSAVLVSRHVMPRYVWMFVC  480
NTDB id 61947 M892 RS05430 WP 012127395.1    GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLSLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGSFVTLV  480
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGSLVTLV  480
consensus                                    ****!!**!**!*********!***!***!*****!*!****!***!********* * *** * ************
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logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  LGMIGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDND  555
NTDB id 1295 VP RS04795 WP 005481856.1       VIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRRGYSSVDTMILSHADND  560
NTDB id 61947 M892 RS05430 WP 012127395.1    ILVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVTLYDTGKAWNSGSIAQQAISPILHRRGFGTIDMFIISHADSD  560
NTDB id 1396 DSB67 RS04755 WP 010649088.1    MLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRRGFGTIDMFIISHADSD  560
consensus                                    ***************!!*!!!!!!!!!!!***!*****!!!!**!**!!*****!*!*!**!!****!**!*!!*!  !

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NTDB id 1149 A1552VC RS08405 WP 000173776.1  HAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDVT  635
NTDB id 1295 VP RS04795 WP 005481856.1       HAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDIE  640
NTDB id 61947 M892 RS05430 WP 012127395.1    HAGGRQYIEQHFSPAQKFSSQNYANYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESDFKLLLTGDIE  640
NTDB id 1396 DSB67 RS04755 WP 010649088.1    HAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDIE  640
consensus                                    !!!**********!*****!!*******!!**!*!*!!*!***!!!!!**!*!!!!*!!!!****!*******!**!!**

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NTDB id 1149 A1552VC RS08405 WP 000173776.1  AMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQI  715
NTDB id 1295 VP RS04795 WP 005481856.1       AISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQI  720
NTDB id 61947 M892 RS05430 WP 012127395.1    AVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQTVSPTLAIASLAKSNQWGMPAENVLSAYQAANAHWLDTGNHGQV  720
NTDB id 1396 DSB67 RS04755 WP 010649088.1    AVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQV  720
consensus                                    !**!!*!*!****!*!*!!*!!!!!!!*!!***!***!*!*!!!!!*!!*!*!**!***!***!****  !!!!!**!!*

logo
NTDB id 1149 A1552VC RS08405 WP 000173776.1  SLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE  747
NTDB id 1295 VP RS04795 WP 005481856.1       TILLDGNNWRFESKRRETIEPWYRQMLRNRVE  752
NTDB id 61947 M892 RS05430 WP 012127395.1    SVFIERDNWYFETKRSETFEPWYRQMLRKGVE  752
NTDB id 1396 DSB67 RS04755 WP 010649088.1    SVFIERDNWYFEAKRSETFEPWYRQMLRKRVE  752
consensus                                    **************!*****!!!!!!!!!* !!
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X non conserved

X similar

X $\geq$ 50% conserved