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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 1071932 ACI3L7 RS08705 WP 404969512.1 MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGV   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 1071932 ACI3L7 RS08705 WP 404969512.1 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 1071932 ACI3L7 RS08705 WP 404969512.1 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 1071932 ACI3L7 RS08705 WP 404969512.1 GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAVLVHWSPWRVLLLAVSIQL  320
NTDB id 1396 DSB67 RS04755 WP 010649088.1     GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
consensus                                     !*!***!**!!**************!* *!***!**!!!!!*!*!!!*!!***!**** !*******!*****!!*****!

logo

NTDB id 1149 A1552VC RS08405 WP 000173776.1   LWSPFASLSNSFWMSFLAVAIVLYQLASQSQRQVWW....KALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
NTDB id 1295 VP RS04795 WP 005481856.1        FFQPFASFSLSFWLSYLSVGAVLFAVNTVQDSKEGRLGKLRILLLTQLILSLLIVPISGYFFSGFSWSSLVYNLVFIPWF  400
NTDB id 1071932 ACI3L7 RS08705 WP 404969512.1 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        GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGIWQPISAEWTFVIAVVSAVLVSRHVMPRYVWMFVC  480
NTDB id 1071932 ACI3L7 RS08705 WP 404969512.1 GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAAGSWHFVSLPLTLTILAVAICGLLRRFLNRGSLVTLV  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 1071932 ACI3L7 RS08705 WP 404969512.1 ILVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKVWNSGSIAQQVISPVLHRRGFGTIDMFIISHADSD   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 1071932 ACI3L7 RS08705 WP 404969512.1 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 1071932 ACI3L7 RS08705 WP 404969512.1 AVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQTVSPTLAIASLAKSNQWGMPAENVLSAYQEANAHWLDTGNHGQV   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 1071932 ACI3L7 RS08705 WP 404969512.1 SVFIERDNWYFEVKRSETFEPWYRQMLRKGVE   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