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logo
NTDB id 1295 VP RS04795 WP 005481856.1      MTLLEKSWTLALFVASVISSAWWPTMPDWRWLLLGIITTGSIIKLRRGLISIGVIVGFMVVIVHGNIMEYQRQALFQAGE   80
NTDB id 1396 DSB67 RS04755 WP 010649088.1   MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGG   80
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 MALLSNYWTLASFSLTILSAPFWPWMPKWPIIIGIVVVLMMSLVTRRGRGCIGITLALVLIITHGNKVTAQSNNILQFAT   80
NTDB id 1149 A1552VC RS08405 WP 000173776.1 MTLLSNYWSLISFSITVLSAPYWPWMPSWGWAWLCLIVMVLLGYHRVGRQFLGFVAAILTIVLQGNLIRDQSNVLYQAGP   80
consensus                                   !*!!   **!* ! **** ! **!! !!*!*****************!*! ***!**********!!*** ! *******

logo
NTDB id 1295 VP RS04795 WP 005481856.1      NSTIIGRVDSSFTQISHGYEGVVAIKQVNSHTLLPFLKPKVRLITPFPLAVNSEFTTNVLIKPIIGLRNEAGFDAEKQSM  160
NTDB id 1396 DSB67 RS04755 WP 010649088.1   NITINGKVDSPFTQISHGYEGIAQINQVNSQNLLPFLKPKIRLITAFPLPVNSEFTTQVTIKPILGLKNEAGFDAEKQAV  160
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 DITIKGVADSFFTAHRYGFSGSFVVRSINGQSLPRFLSPTVRLNSPIALQLGDHAQFVVQVKPIYGRLNEVGFDQEAFFL  160
NTDB id 1149 A1552VC RS08405 WP 000173776.1 DIIIKGRVDSFFTQTRYAYEGFVLIHEVNGQTLNKMTRPRIRLSAPLLLQPNDRVEFSVTLKPIVGRLNQTGFDLEAHYM  160
consensus                                   **!*!**!!*!!** ****!*******! **!*****!**!!*****!*** *** *!**!!!*! *!**!!!*! ***

logo
NTDB id 1295 VP RS04795 WP 005481856.1      GSGVVARAVVTKDSYWVIRTSSSWREAIIQTVERDISRLEHFALIKALAFADRTGLTKEDWQSLRDSGLLHLVSISGLHI  240
NTDB id 1396 DSB67 RS04755 WP 010649088.1   GKGIVARAVTPDDAKWLIRTYSSFRQQIITAVDTHIAELDHFPLISALAFSDRSLLAKQDWQSLRDSGLLHLVSISGLHI  240
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 SQGWSAQATVRPNTAYQIIPSSSLRAIFFQQIEQRTRSSKVQGFILALTFGERSGITEQQWLELRNSGLIHLTAISGLHI  240
NTDB id 1149 A1552VC RS08405 WP 000173776.1 AQSVVARAVVKPDTAYQIVQESGIRSSLFFELEQLTHTSPYQGLILALTFGERKGIDEQEWQALRNSGLIHLVAISGLHI  240
consensus                                   *****!*!*********!***!* !  * * ***   * ** **!*!! !**!**** **!**!! !!!*!!* !!!!!!

logo
NTDB id 1295 VP RS04795 WP 005481856.1      GMALTFGLALGGLIRLAMPRYWFLPSVSGLAFAIVYAWLADFSLPTTRAVSVCIIYIALKYWLVHWSPWRVLLLAVALQL  320
NTDB id 1396 DSB67 RS04755 WP 010649088.1   GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 GMAFGFGYLLGGMCSRLLRKGLWLPFVCGGLFALGYAWLAGFTLPTQRALMMCWLNILLVMFNVRVTAIQRVLLTLAAVL  320
NTDB id 1149 A1552VC RS08405 WP 000173776.1 GIAFSVGYFLGLGMMRFHAQLLWSPFVCGALLAVLYAWLAGFTLPTQRALIMCLLNVALIMLAFPLSALKRILLTLVAVL  320
consensus                                   !*!* *!* !!**** ********! **!***!**!!!!! !*!!! !!***!** **!********** *!! *** !

logo
NTDB id 1295 VP RS04795 WP 005481856.1      FFQPFASFSLSFWLSYLSVGAVLFAVNTVQDSKEGRLGKLRILLLTQLILSLLIVPISGYFFSGFSWSSLVYNLVFIPWF  400
NTDB id 1396 DSB67 RS04755 WP 010649088.1   FIEPFASFTMSFWLSYLSVVAVLLAVNVVQQRRGNRQTKLSSLLKIQLVLTLLIVPISGAFFSGTSLVSIAYNLVFIPWF  400
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 ALDPFASLSTSFWLSFLAVSFVIYQVSVIDS....RWPLWKKVFAGHLLLVMLMAPVTAYFFSGVSLYSALYNLVFIPWF  396
NTDB id 1149 A1552VC RS08405 WP 000173776.1 LWSPFASLSNSFWMSFLAVAIVLYQLASQSQ....RQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
consensus                                   * *!!!! **!!!*!*! !**!** ****** *  !* * * ** ****!**!* !****!!*!*!*****!!!!!!!!!

logo
NTDB id 1295 VP RS04795 WP 005481856.1      GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRYVWMFVC  480
NTDB id 1396 DSB67 RS04755 WP 010649088.1   GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGSLVTLV  480
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1 SFVVVPLLFIVLCGNVLIADQVQWLWTWVEAALMPFSWSLGFAEHSWLPVNQTWQYSLLALFLVMMLRPLLTARS.LIAI  475
NTDB id 1149 A1552VC RS08405 WP 000173776.1 SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSLLL  476
consensus                                   ***!!**!**!* ***** *****!   *** **!**!****! **! ***   * *** ** ************ ****
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logo
NTDB id 1295 VP RS04795 WP 005481856.1          VIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRR.GYSSVDTMILSHADN   559
NTDB id 1396 DSB67 RS04755 WP 010649088.1       MLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRR.GFGTIDMFIISHADS   559
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1  GLLFSATWLTIQPKVYWQVDMLDVGHGLAMVIERNGFYVLYDTGSSWHEGSVATSLIIPLLTRRGGLDALDGVIISHSDN   555
NTDB id 1149 A1552VC RS08405 WP 000173776.1    GM.IGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQR.GLRQVDGVILSHLDN   554
consensus                                       ******* ** * ***!**!*!!!!!!!!***!*******!!!!  !* !!*** *!*!*!**! !* **!**!*!!*!*
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logo
NTDB id 1295 VP RS04795 WP 005481856.1          DHAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDI   639
NTDB id 1396 DSB67 RS04755 WP 010649088.1       DHAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDI   639
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1  DHAGGLADIGSRLKPAWIRASYRNEHFSPCIQGEFWQWQELTFEVVWPPRLVDRADNPHSCVVRMVDKQYGHSVLLTGDV   635
NTDB id 1149 A1552VC RS08405 WP 000173776.1    DHAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDV   634
consensus                                       !!!!*** ******!**** !* * ****!!**!*!*!!*! **!*!!!* ! !!*!*!!!!****!***** *!**!!*
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logo
NTDB id 1295 VP RS04795 WP 005481856.1          EAISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQ   719
NTDB id 1396 DSB67 RS04755 WP 010649088.1       EAVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQ   719
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1  TAIGEWLLSRDA.LLDSDVLVVPHHGSQTSSTQAFIEKVNPQLAIASLAKGHRWRLPHPDVLARYQSLDIPWLDTGEVGQ   714
NTDB id 1149 A1552VC RS08405 WP 000173776.1    TAMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQ   714
consensus                                       !* !!*!*!** *!*!*!**!!!!!!**!! **!***!*!*!!!!!*!! * !**!** !** !** ** !!!!!* !!
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logo
NTDB id 1295 VP RS04795 WP 005481856.1          ITILLDGNNWRFESKRRETIEPWYRQMLRNRVE   752
NTDB id 1396 DSB67 RS04755 WP 010649088.1       VSVFIERDNWYFEAKRSETFEPWYRQMLRKRVE   752
NTDB id 1009817 ABFV67 RS05115 WP 350006987.1  ITLRYQGSQRQLFTLRGGRITPWYRQMLRKEVE   747
NTDB id 1149 A1552VC RS08405 WP 000173776.1    ISLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE   747
consensus                                       **** ***** * **!*****!!!!!!!!!**!!
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X non conserved

X similar

X $\geq$ 50% conserved