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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 408961 GO175 RS10140 WP 158148205.1 MTLYSNYWMLASFSLIVLSAPLWPWMPEWDFAFICLAALMTTLVVSRFRVFGGIALALLVIVTHGNVVRSQSNTIFQAGQ   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 408961 GO175 RS10140 WP 158148205.1 DITIKGEVDSFFKQISYGYEGTVVVRSINGQQLHTFWQPKVRLIAPVDLQIGDQFEFSVMVKPVYGRRNEAGFDLEAYYF  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 408961 GO175 RS10140 WP 158148205.1 SQGWVARVNVKPQSKFEVVSTPNFRSMLYRQIKTWTQNSPSQGMILALTFGDRNGIHEAEWRSLRNSGLIHLVAISGLHI  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 408961 GO175 RS10140 WP 158148205.1 GMAFAIGYLIGTAMMRLHVRLLWMPFVSGMCIAAIYAWLAGFTLPTQRALLMCGLNVALTMSGMRVTAVQRILITLAAVL  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 408961 GO175 RS10140 WP 158148205.1 IVTPFAPLSNSFWLSFLAVALVLYQLADRT....TRHGWRK.WLTVQCSLVTMMIPVSAYFFSGFSVSSALYNLIFIPYF  395
NTDB id 1149 A1552VC RS08405 WP 000173776.1 LWSPFASLSNSFWMSFLAVAIVLYQLASQS....QRQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
consensus                                   * *!!!* **!!!*!*! !**!!* * ***  * *!** ** *! *!**!*****!****!!*!*!*****!!!*!!!*!

logo
NTDB id 1295 VP RS04795 WP 005481856.1      GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRYV.WMFV  479
NTDB id 1396 DSB67 RS04755 WP 010649088.1   GFLVVPLMFLALIVTPLSFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGS.LVTL  479
NTDB id 408961 GO175 RS10140 WP 158148205.1 SFVIVPLLFLALFLTTFVG.DITWLWRGIDLSFWPLQRALEWAGSSWIAVSQTASVVFSVGLLLWICRPVLSWRA.QLYA  473
NTDB id 1149 A1552VC RS08405 WP 000173776.1 SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSLLL  476
consensus                                   ***!!**!**!******* *****! **!** *!!** ***!***!  **  ****** ******** *****  ***
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logo
NTDB id 1295 VP RS04795 WP 005481856.1      CVIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRRGYSSVDTMILSHADN   559
NTDB id 1396 DSB67 RS04755 WP 010649088.1   VMLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRRGFGTIDMFIISHADS   559
NTDB id 408961 GO175 RS10140 WP 158148205.1 GIALLG.FGFFTPHDERWRVDILDVGHGLAVLIERNHNALLYDTGSGWPEGSYVRSLIVPILNQRGMDSLDGLILSHTDN   552
NTDB id 1149 A1552VC RS08405 WP 000173776.1 ..GMIGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDN   554
consensus                                    * **** ***   ***!!*!*!!!!!!!!***!**** **!!!! *!* !!  * *!*!*!* !!  **!**!*!!*!*

logo
NTDB id 1295 VP RS04795 WP 005481856.1      DHAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDI   639
NTDB id 1396 DSB67 RS04755 WP 010649088.1   DHAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDI   639
NTDB id 408961 GO175 RS10140 WP 158148205.1 DHAGGLKDAETLLSPKWVVASQSGPNWQACHAGEQWEWQGLTMTALWPPQTVNRAYNLQSCVIRLSDPEYGHSLLLAGDV   632
NTDB id 1149 A1552VC RS08405 WP 000173776.1 DHAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDV   634
consensus                                   !!!!**  *** **!**** !!** ****!***!*! !!*!   *!!!!  !*!!!!**!!!***!***** *!**!!*

logo
NTDB id 1295 VP RS04795 WP 005481856.1      EAISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQ   719
NTDB id 1396 DSB67 RS04755 WP 010649088.1   EAVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQ   719
NTDB id 408961 GO175 RS10140 WP 158148205.1 TAVGEWLLSRQPMDIQSDVIIVPHHGSKTSSTRQFIKRVSPQVAIASLAKGNQWQLPHRSVVARYVDAGSDWLDTGEAGQ   712
NTDB id 1149 A1552VC RS08405 WP 000173776.1 TAMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQ   714
consensus                                    !* !!*!*!** ***!*!**!!!!!!!*!! **!***!*!**!!!!*!! !*!**!***!** !******!!!!!**!!

logo
NTDB id 1295 VP RS04795 WP 005481856.1      ITILLLDGNNWRFESKRRETIEPWYRQMLRNRVE   752
NTDB id 1396 DSB67 RS04755 WP 010649088.1   VSVFIERDNWYFEAKRSETFEPWYRQMLRKRVE   752
NTDB id 408961 GO175 RS10140 WP 158148205.1 ITLTYQAQSRQLSTLRHIGNPSWYRQMLRKGVE   745
NTDB id 1149 A1552VC RS08405 WP 000173776.1 ISLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE   747
consensus                                   **** ***** ****!** ***!!!!!!!* !!
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X non conserved

X similar

X $\geq$ 50% conserved