```
logo
NTDB id 1295 VP RS04795 WP 005481856.1      MTLLEKSWTLALFVASVISSAWWPTMPDWRWLLLGIITTGSIIKLRRGLISIGVIVGFMVVIVHGNIMEYQRQALFQAGE   80
NTDB id 1396 DSB67 RS04755 WP 010649088.1   MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGG   80
NTDB id 407400 GPY10 RS04945 WP 158151345.1 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 407400 GPY10 RS04945 WP 158151345.1 DITIKGEVDSFFKQISYGYEGTVVVRSINGQELRTFWQPKVRLIAPVDLQIGDQFEFSVMVKPVYGRRNEAGFDLEAYYF  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 407400 GPY10 RS04945 WP 158151345.1 SQGWVARVNVKPQSKFEVVSTPNFRSMLHRQIKTWTQNSPSQGMILALTFGDRNGIHEAEWRSLRNSGLIHLVAISGLHI  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 407400 GPY10 RS04945 WP 158151345.1 GMAFAIGYLIGSAMMRLHVSLLWMPFVCGMCIAAIYAWLAGFTLPTQRALLMCGLNVALTMSGVRVTAVQRILITLATVL  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 407400 GPY10 RS04945 WP 158151345.1 IVTPFAPLSNSFWLSFLAVALVLYQLADRTT....CHGWR.KWLTVQCSLVTMMIPVSAYFFSGFSVSSALYNLIFIPYF  395
NTDB id 1149 A1552VC RS08405 WP 000173776.1 LWSPFASLSNSFWMSFLAVAIVLYQLASQSQ....RQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
consensus                                   * *!!!* **!!!*!*! !**!!* * **** *  *** ** *! *!**!*****!****!!*!*!*****!!!*!!!*!

logo
NTDB id 1295 VP RS04795 WP 005481856.1      GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRYVW.MFV  479
NTDB id 1396 DSB67 RS04755 WP 010649088.1   GFLVVPLMFLALIVTPLSFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILAVAICGLLRRFLNRGSL.VTL  479
NTDB id 407400 GPY10 RS04945 WP 158151345.1 SFVIVPLLFLALFLTTFVG.DITWLWRGIDLSFWPLQRALEWAGSSWIAVSQTATVVFSVGLLLWVCRPVLSWRA.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 407400 GPY10 RS04945 WP 158151345.1 GIALLG.FGFFTPHDERWRVDILDVGHGLAVLIERNNNALLYDTGSGWPEGSYVRSLIVPILNQRGMDSLDGLILSHTDN   552
NTDB id 1149 A1552VC RS08405 WP 000173776.1 ..GMIGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDN   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 407400 GPY10 RS04945 WP 158151345.1 DHAGGLKDAETLLSPKWVVASQSGPNWQACHAGEQWEWQGLTMTALWPPQTVNRAYNLQSCVIRLSDPEYGHSLLLAGDV   632
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 407400 GPY10 RS04945 WP 158151345.1 TAVGEWLLSRQPMDIQSDVIIVPHHGSKTSSTRQFIERVSPQVAIASLAKGNQWQLPHRSVVARYVDAGSDWLDTGEAGQ   712
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 407400 GPY10 RS04945 WP 158151345.1 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