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logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  MTLLSNYWSLISFSITLLSAPYWPWMPTWGWAWFCLILIGVLSYYRACRKLLGFALAIFTVVCHGNLMRDQSNMLSQAGS   80
NTDB id 1149 A1552VC RS08405 WP 000173776.1  MTLLSNYWSLISFSITVLSAPYWPWMPSWGWAWLCLIVMVLLGYHRVGRQFLGFVAAILTIVLQGNLIRDQSNVLYQAGP   80
NTDB id 1396 DSB67 RS04755 WP 010649088.1    MTLLEKSLTLALFVASVISSAWWPTMPDWRWLLLGIIATGSIIKLRRGLLSIGVIWGFMVVIIHGNVMEHQRQALFRAGG   80
NTDB id 1295 VP RS04795 WP 005481856.1       MTLLEKSWTLALFVASVISSAWWPTMPDWRWLLLGIITTGSIIKLRRGLISIGVIVGFMVVIVHGNIMEYQRQALFQAGE   80
consensus                                    !!!!   **!  !  ***! **!! !!*! !  ***!****** *!** ***! *** * ****!!** *! **!**!!

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  DSIIKGQVDSFFTQTRYAYEGLVLIHEVNGQTLNRLMWPRVRLTAPVALKPNEQFEFTVVFKPIVGRLNETGFDLEAHSL  160
NTDB id 1149 A1552VC RS08405 WP 000173776.1  DIIIKGRVDSFFTQTRYAYEGFVLIHEVNGQTLNKMTRPRIRLSAPLLLQPNDRVEFSVTLKPIVGRLNQTGFDLEAHYM  160
NTDB id 1396 DSB67 RS04755 WP 010649088.1    NITINGKVDSPFTQISHGYEGIAQINQVNSQNLLPFLKPKIRLITAFPLPVNSEFTTQVTIKPILGLKNEAGFDAEKQAV  160
NTDB id 1295 VP RS04795 WP 005481856.1       NSTIIGRVDSSFTQISHGYEGVVAIKQVNSHTLLPFLKPKVRLITPFPLAVNSEFTTNVLIKPIIGLRNEAGFDAEKQSM  160
consensus                                      !*!*!!!*!!!  **!!!***!* !! **! ****!**!!* ***! *!***   !**!!!*! *!* !!! ! ***

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  TQSVLARAVVSPNTTYQIVPQHSLRSALLTQLELLTQNSPYQGLILALTFGERKGIGEQEWQALRNSGLIHLVAISGLHI  240
NTDB id 1149 A1552VC RS08405 WP 000173776.1  AQSVVARAVVKPDTAYQIVQESGIRSSLFFELEQLTHTSPYQGLILALTFGERKGIDEQEWQALRNSGLIHLVAISGLHI  240
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GKGIVARAVTPDDAKWLIRTYSSFRQQIITAVDTHIAELDHFPLISALAFSDRSLLAKQDWQSLRDSGLLHLVSISGLHI  240
NTDB id 1295 VP RS04795 WP 005481856.1       GSGVVARAVVTKDSYWVIRTSSSWREAIIQTVERDISRLEHFALIKALAFADRTGLTKEDWQSLRDSGLLHLVSISGLHI  240
consensus                                    ** **!!!!***** **! * ** !***** ** *    ** *!!*!! !**!**** **!! !! !!!*!!! !!!!!!

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  GIAFSIGYLLGKGLMRLHGKLLWSPFVVGALLAVLYAWLAGFTIPTQRALIMCLLNVGLVILGFPLSALKRILLTLCAVL  320
NTDB id 1149 A1552VC RS08405 WP 000173776.1  GIAFSVGYFLGLGMMRFHAQLLWSPFVCGALLAVLYAWLAGFTLPTQRALIMCLLNVALIMLAFPLSALKRILLTLVAVL  320
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GMAFAFGMSLGFVIRLLFPKFVHLPSAVGLLAALVYAWLADFSLPTTRAFSVCVIYLVLKAALVHWSPWRVLLLAVSIQL  320
NTDB id 1295 VP RS04795 WP 005481856.1       GMALTFGLALGGLIRLAMPRYWFLPSVSGLAFAIVYAWLADFSLPTTRAVSVCIIYIALKYWLVHWSPWRVLLLAVALQL  320
consensus                                    !*!***!* !! **  ******* ! **! **!**!!!!! !**!! !!* *!** **!****   !* * *!! * * !

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  VWSPFASLSNSFWMSFLAVAIVLYQLAN....QEKRQAWWKALLWAQLTLVCLMAPVTAYFFGGLSMTSVVYNLLFIPWF  396
NTDB id 1149 A1552VC RS08405 WP 000173776.1  LWSPFASLSNSFWMSFLAVAIVLYQLAS....QSQRQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  396
NTDB id 1396 DSB67 RS04755 WP 010649088.1    FIEPFASFTMSFWLSYLSVVAVLLAVNVVQQRRGNRQTKLSSLLKIQLVLTLLIVPISGAFFSGTSLVSIAYNLVFIPWF  400
NTDB id 1295 VP RS04795 WP 005481856.1       FFQPFASFSLSFWLSYLSVGAVLFAVNTVQDSKEGRLGKLRILLLTQLILSLLIVPISGYFFSGFSWSSLVYNLVFIPWF  400
consensus                                    ***!!!! **!!!*!*! !* !!* * ***  ***!**  **!!**!**!**!* !****!! !*!*****!!!*!!!!!

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1  SVVIVPALFVGLFLSVTMSYWATLYWPCVDWTFYPLDWALQFADVGWVVIPKTVQGFVAALVVISLLYRVMSLRACILAW  476
NTDB id 1149 A1552VC RS08405 WP 000173776.1  SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSLLL  476
NTDB id 1396 DSB67 RS04755 WP 010649088.1    GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTILLAVAICGLLRRFLNRG.SLVTL  479
NTDB id 1295 VP RS04795 WP 005481856.1       GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRY.VWMFV  479
consensus                                     ***!!**!**!******* *!** !***!** *!!*! ***!* *! ***  * ************ * ** ***** *
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logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1   CL..AVLWWWFPSVTPRWRMDVLDVGHGLAIVIEQDKRAIIYDTGSSWSGGSYVESLIEPILQQRGIRRLDGLILSHLDN   554
NTDB id 1149 A1552VC RS08405 WP 000173776.1   GM..IGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDN   554
NTDB id 1396 DSB67 RS04755 WP 010649088.1     VMLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRRGFGTIDMFIISHADS   559
NTDB id 1295 VP RS04795 WP 005481856.1        CVIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRRGYSSVDTMILSHADN   559
consensus                                     ******** ********!!*!!!!!!!!!!***! *** **!!!!  !**!!    *!*!*!* !! ***!**!*!! !*

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1   DHAGDWQSLAKRWQPEWIRASQVDVAFMPCMRGERWQWQSLDFQVLWPPRLVNRAYNQHSCVIRMTDLQSNHSVLLSGDV   634
NTDB id 1149 A1552VC RS08405 WP 000173776.1   DHAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDV   634
NTDB id 1396 DSB67 RS04755 WP 010649088.1     DHAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDI   639
NTDB id 1295 VP RS04795 WP 005481856.1        DHAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDI   639
consensus                                     !!!!  * * *** ! *** !!****** *!* *!*!*!!*! **!!!!!* !*!!!!*!!!!****! ** * *!**!!*

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1   TAMGEWLLARGGALLSSEVMIVPHHGSKTSSTAEFIAKVEPRMAIASLAKDNRWNLPNPQVVERYQSQQSDWLDTGHAGQ   714
NTDB id 1149 A1552VC RS08405 WP 000173776.1   TAMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQ   714
NTDB id 1396 DSB67 RS04755 WP 010649088.1     EAVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQ   719
NTDB id 1295 VP RS04795 WP 005481856.1        EAISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQ   719
consensus                                      !* !!*!*!****! !*!!*!!!!!!!*!! * !***!*! *!!!!*!!*! ! *! **!*  !*****!!!!!**!!

logo
NTDB id 343695 EWA65 RS06860 WP 055027985.1   ISLFFYPDQFDWFTQRGVGWVPWYRQMLRKGVE   747
NTDB id 1149 A1552VC RS08405 WP 000173776.1   ISLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE   747
NTDB id 1396 DSB67 RS04755 WP 010649088.1     VSVFIERDNWYFEAKRSETFEPWYRQMLRKRVE   752
NTDB id 1295 VP RS04795 WP 005481856.1        ITILLDGNNWRFESKRRETIEPWYRQMLRNRVE   752
consensus                                     ****** ***** * !** **!!!!!!!!* !!
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X non conserved

X similar

X $\geq$ 50% conserved