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logo
NTDB id 1150270 HUW69 RS05125 WP 032474228.1  ....................................MGLLGYHRAGRKFLGFVVAILIIVLQGNLIRDQSNVLYQAGP   42
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 1150270 HUW69 RS05125 WP 032474228.1  DIIIKGRADSFFRQTRYAHEGFALIYEVNGQSLGTLFQPRVRLTTPILLQPNDLFEFSATVKPVIGRLNEIGFDAEAHYM  122
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 1150270 HUW69 RS05125 WP 032474228.1  AQSVIARVSVKANTPYTISPQEDVRSSLQQKLVTLTQNSPFQGIILALTFGERNGIDEQEWRALRNSGLIHLVAISGLHI  202
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 1150270 HUW69 RS05125 WP 032474228.1  GIAFSVGYFLGLGMMRLHAKLLWSPFVCGALLAVFYAWLAGFTLPTQRALIMCLLNVALVMLAFPLSALKRILLTLVAVL  282
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 1150270 HUW69 RS05125 WP 032474228.1  VWSPFTSLSNSFWMSFLAVAIVLYQLASQ....SQRQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  358
NTDB id 1149 A1552VC RS08405 WP 000173776.1   LWSPFASLSNSFWMSFLAVAIVLYQLASQ....SQRQVWWKALLWAQVFLVCLMAPVTAYFFGGLSVTAVLYNLVFIPWF  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 1150270 HUW69 RS05125 WP 032474228.1  SLVIVPALFLGLLLMVVWPGVATAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSL.L  437
NTDB id 1149 A1552VC RS08405 WP 000173776.1   SLVIVPALFLGLLLMVVWPSVAAAYWPWVDWTFLPLDWALQFADVGWWVVPSKVQGVVAASVAILLLYRFMSLKACSL.L  475
NTDB id 1396 DSB67 RS04755 WP 010649088.1     GFLVVPLMFLALIVTPISFQLAGMLWQLVDWVLLPLTWSLQFAVGSWHFVSLPLTLTIIAVAICGLLRRFLNRGSLVTLV  480
NTDB id 1295 VP RS04795 WP 005481856.1        GFVVVPIMFAALIASLLFPMLATVLWYLLDIFLVPLSWSVRYAIGTWQPISAEWTFVIAVVSAVLVSRHVMPRYVWMFVC  480
consensus                                       **!!**!**!******* *!** !* *!** *!!*! ***!* *!******* ***** ****** **** ******
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logo
NTDB id 1150270 HUW69 RS05125 WP 032474228.1  LSMIGLWWWFPSITPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHIDND  517
NTDB id 1149 A1552VC RS08405 WP 000173776.1  LGMIGLWWWFPSLTPLWRMDVLDVGHGLAIVIEQDERAIVYDTGSSWPGGSYVQSVIEPMLQQRGLRQVDGVILSHLDND  555
NTDB id 1396 DSB67 RS04755 WP 010649088.1  MLVTGVALFYERTTNSWRVDVLDVGHGLAVLIEKHGKVALYDTGKAWNSGSIAQQVISPVLHRRGFGTIDMFIISHADSD  560
NTDB id 1295 VP RS04795 WP 005481856.1  VIVVMTGLFPKQYNQTWRIDVLDVGHGLAVLVEKEGRVLLYDTGKAWQNGSIAEQVITPVLHRRGYSSVDTMILSHADND  560
consensus  ******* ********!!*!!!!!!!!!***!  * * **!!!!  !**!!  * !!*!*!* !!****!**!*!!*!*!
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logo
NTDB id 1150270 HUW69 RS05125 WP 032474228.1  HAGDWQGLAERWQPDWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNPHSCVIRMTDTQSNHSVLLSGDVT  597
NTDB id 1149 A1552VC RS08405 WP 000173776.1  HAGDWQGLAERWQPNWIRASQLGTEFMPCIRGESWQWQSLHFTVLWPPQAVSRAYNQHSCVIRMTDTQSNHSVLLSGDVT  635
NTDB id 1396 DSB67 RS04755 WP 010649088.1  HAGGRQYIEQHFSPAQNFSSQNYADYQSCIAGERWYWQALYFEVLWPPKQVNRAYNPHSCVVRVVDKESGFKLLLTGDIE  640
NTDB id 1295 VP RS04795 WP 005481856.1  HAGGRKVIEQYFSPKHKLSSQSFLHYQPCIAAEKWKWQGLNMEVLWPPKPVVRAYNPHSCVISLEDPSTGFKMLFTGDIE  640
consensus  !!!  ***  ** ! *** !!***** *!! *!*!*!!*!** !!!!! *!*!!!!*!!!!****!*** * *!**!!*
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logo
NTDB id 1150270 HUW69 RS05125 WP 032474228.1  AMGEWLLARDGAQLQSDVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQIEWLDTGQAGQI  677
NTDB id 1149 A1552VC RS08405 WP 000173776.1  AMGEWLLARDGAQLQSEVMIVPHHGSKTSSTAEFIAQVNPKLAIASVAKDNRWNLPNPQVVARYQAQQVEWLDTGHAGQI  715
NTDB id 1396 DSB67 RS04755 WP 010649088.1  AVSEWILMREPNKLESDVMLVPHHGSKSSSNPKFVQIVSPTLAIASLAKSNQWGMPAENVLSAYQEANAYWLDTGSHGQV  720
NTDB id 1295 VP RS04795 WP 005481856.1  AISEWILLREPEKLRSDVMLVPHHGSKSSSNPKFINVVEPSLAIASTAKLNQWGMPAPEVVQAYTDSGVSWLDTGSDGQI  720
consensus  !* !!*!*!*** !*!*!!*!!!!!!!*!! * !***!*!*!!!!!*!!*! ! *! **!** !******!!!!!**!!*
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logo
NTDB id 1150270 HUW69 RS05125 WP 032474228.1  SLFFYPEQLDWFTQRSLGWEPWYRQMLRKGVE  709
NTDB id 1149 A1552VC RS08405 WP 000173776.1  SLFFYLDQLDWFTQRSLGWQPWYRQMLRKGVE  747
NTDB id 1396 DSB67 RS04755 WP 010649088.1  SVFIERDNWYFEAKRSETFEPWYRQMLRKRVE  752
NTDB id 1295 VP RS04795 WP 005481856.1  TILLDGNNWRFESKRRETIEPWYRQMLRNRVE  752
consensus  ***** ** ** * !*  **!!!!!!!!* !!
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X non conserved

X similar

X $\geq$ 50% conserved