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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 MRTGMFALALGLLCLGFLPAL........PSVGWLITLAACAVGSLFTRVWPLGW....FLLGLCWACGSAQQALDDRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQL........PSFGWLLALAPVGLLLLPFRWRPLAF....FLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!** ! **!*!        ******!***! **** *  !* !***    ** !* !**  !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 AGLEGRTLWLEGRVVGLPARTAQGVRFELEAPRS.RRAELPQRLQLSWFD....................GPPLRAGEQW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                    ***!******! ! *!!*******!!***   ! * ***! !**!*!**                  *!*** !**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 RLAVTLQRPAGLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............VAGGWRDALRQRLLMVEANGR.Q  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                   *!***!*!! ***!! **! !* *!!****!*!****! *** *               **!!***!**!! *** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 AALVALVLGDGAGMAREDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......AGLARWGLWP..ARLPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWP..QRLPWLPWACGL  265
consensus                                   ****!!!*!!**!** *!!  ** !!**!!*!!!*!****!!!*****       *!!!!***!   !*!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 AMAAALAYGWLAGGGVPVQRACLMLAVVLLWRLRFRHLGAFFPLLLALVAVLVFEPLAALLPGFWLSFAAVATLIYCFSA  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!! *!!**!**!!*!*!***!!**!*******!**!***!****!*! * *!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 R..............LGGWRPWQAWTRAQWVIAIGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLMLPLA  409
NTDB id 1199 PSJM300 12650 AFN78592.1       R..............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                   *             ***** ***  **!*****!!!!**!*****!!******!!**!*!**!****!!!!*!* *!***
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 GVGEALLWLAGGLLDVLFRGLALVAQQRPAWVPPALPWWAWLLVCLGALLLLLPRGVP...LRGLGGVMLLAL.WVPREP   485
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFEELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *****!*!****** *** **!!**    **!***!*! !!! !* *! **!!*!*!**    *!**!***!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 VPFGQIEVWQLDVGQGLAVLLRTRHHSLLYDAGPARGES.DLGERVVLPTLRKLGVVGLDVMVISHAHADHAGGAVAIAR   564
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!***!**!* ! !!*!*!!* !*  !***!!**!*!! *!* **!****!!***!!!!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRLANARYAAMLA   719
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 GLPIKRIIGGEAL.........VDIPLQPCASGEQWDWDGVRFSLWRWVD......GQSSNDRSCVLLVEAQGERLLLA   628
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** ******           ****    ! *!**! !**! !*******      * **! *!!!!*********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 GDMEVAAERAWLADT..EVPRIDWLQAPHHGSRSSSTEAFVRATAPRGVLISRGRNNSFGHPHVQVVERYGRHGVVMHDT   706
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!** **!*!****    * * ***!**!!!!!**!!***!* !*** *******   ! *!!!!**!* !**   !*****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIET..RGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 385263 F0Q09 RS00285 WP 182375260.1 AVEGALRLVLGRHGEVEGV....RRQRRFWRDVGGG...............   738
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGARRM....RDEPRFWREK.................   741
consensus                                   *  !!* * **  !** **    *  *!*!**
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X non conserved

X similar

X ≥ 50% conserved