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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 AGLEGRTLWLEGRVAGLPARTAQGVRFELEAPRS.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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 R..............LGGWRPWQAWTRAQWVIAVGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLMLPLA  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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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 412573 GR140 RS20140 WP 212628007.1 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