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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 271607 C4Q27 RS19520 WP 104887873.1 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 271607 C4Q27 RS19520 WP 104887873.1 AGLEGRTLWLEGRVAGLPARTAHGVRFELEAPRS.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 271607 C4Q27 RS19520 WP 104887873.1 RLAVTLQRPDGLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............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 271607 C4Q27 RS19520 WP 104887873.1 AALVALVLGDGAGLAREDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......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 271607 C4Q27 RS19520 WP 104887873.1 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 271607 C4Q27 RS19520 WP 104887873.1 R..............LGGWRPWQAWTRAQWVIAVGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLMLPLG  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 271607 C4Q27 RS19520 WP 104887873.1 GVGEALLWLAGGLLDVLFRGLALVAQQRPAWVPPALPLWAWLLVCLGVLLVLLPRGVP...LRGLGGVMLLAL.WVPREP   485
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *****!*!****** *** **!!**    **!***!*!*!!! !* *!****!*!*!**    *!**!***!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 271607 C4Q27 RS19520 WP 104887873.1 VPFGQVEVWQLDVGQGLAVLLRTRHHSLLYDAGPARGES.DLGERVVLPTLRKLGVGGLDVMVISHAHADHAGGAGAIAR   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 271607 C4Q27 RS19520 WP 104887873.1 GLPIKRIIGGEAL.........VDVPLQPCASGEQWDWDGVRFSLWRWVD......GQSSNDRSCVLLVEAQGERLLLA   628
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** ******           ****    ! *!**! !**! !*******      * **! *!!!!*********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 271607 C4Q27 RS19520 WP 104887873.1 GDMEAAAERAWLADT..EMPRIDWLQAPHHGSRSSSTEAFVRATAPRGVLISRGRNNSFGHPHVQVVERYGRHGVVMHDT   706
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!*****!*!****   * * ***!**!!!!!**!!***!* !*** *******  ! *!!!!**!* !**  !*****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 271607 C4Q27 RS19520 WP 104887873.1 AVEGALRLVLGRHG..VVEGVRGQRRFWRVEGE...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                   *  !!* * *** *  *  ***  *!*!* * *
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X non conserved

X similar

X ≥ 50% conserved