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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 168219 AL532 RS27415 WP 104835341.1 MRTGMFALALGLLCLGFLPALP........SVGWLIALAACAVASLFTRVWPLGCFL....LGLCWACGSAQLALDDRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLLLLPFRWRPLAFFL....FGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!** ! **!*!*        *****!*!*! **** *  !* !** *!     !* !**  !! *!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 168219 AL532 RS27415 WP 104835341.1 AGLDGRTVWLEGRVVGLPVRTAQGVRFELDAARS.RRAELPQRLQLSWFG....................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 168219 AL532 RS27415 WP 104835341.1 RLAVTLQRPAGLSNPHGPDREAQLLARRVGATGTVKAGQLLA..............PVTGGWRDALRQRLLAVEANGR.T  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                   *!***!*!! ***!! **! !* *!!****!*!****! *** *              ***!!***!**!!**** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 168219 AL532 RS27415 WP 104835341.1 AALVALVLGDGAGLAREDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......AGLARWGWWP..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 168219 AL532 RS27415 WP 104835341.1 AMTAALAYAWLAGGGVPVQRACLMLAVVLLWRLRFRHLGALLPLLLALVVVLLVEPLAALLPGFWLSFTAVATLLYCFSA  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 168219 AL532 RS27415 WP 104835341.1 R..............LGGWRPWQAWTRAQWVIAIGLLPVLLATGLPVSLSAPLANLVAVPWISLVVLPLALLGTVLLPLP  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 168219 AL532 RS27415 WP 104835341.1 VVGEALLWLAGGLLDLLFRGLALVAQQRPAWMPAVLPVWAWLLVCVGALLVLLPRGVP...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 168219 AL532 RS27415 WP 104835341.1 VPLGQVEVWQLDVGQGLAVLLRTRHHNLLYDAGPAKGDS.DLGERVVLPTLRKLGVGGLDVMLVSHAHADHAGGAAAIQR   564
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!***!**!* ! !!*!*!!* !!  !***!!**!*!! *!* **!****!!***!!!!!* ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 168219 AL532 RS27415 WP 104835341.1 GLPVRRTIGGEALN.........DVPLQPCVSGERWDWDGVRFSLWRWA......DGQSSNDRSCVLMVEAQGERLLLA   628
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!!* ******            ***   !**!*!! !**! !*****        * **! *!!!!**********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 168219 AL532 RS27415 WP 104835341.1 GDMEAGAERAWLAAA..ETPRVDWLQSPHHGSRSSSSEAFIRATAPRGVLISRGRNNSFGHPHVQVVERYRRYGVTIHDT   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 168219 AL532 RS27415 WP 104835341.1 AVEGALRLVLGRQGEVEG....VRGQRRFWRAQLD...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGARR....MRDEPRFWREK................   741
consensus                                   *  !!* * **  !** *    **  *!*!*  **
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X non conserved

X similar

X ≥ 50% conserved