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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 318111 DV532 RS07215 WP 056797346.1 MRTGMFALALGLLCLGWLP........ALPSVGWLVLLAVAGCVCLFTRLWPLGCFL....LGLCWACTSAQWALDDRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLP........QLPSFGWLLALAPVGLLLLPFRWRPLAFFL....FGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!** ! **!        *!**********!***!*** * *  !* !** *!     !* !**  !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 318111 DV532 RS07215 WP 056797346.1 AGLDGRTLWLEGRVVGLPTRTAQGVRFELQEARSR.RGELPQRLQLSWFG.....................GPPLRAGEQW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHSR.HAGLPSRIRLAWYG.....................GPEIRSGERW  127
consensus                                    ***!******! ! *!!*******!!** *  !*  ***! !**!*!*!                     *!***  !**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 318111 DV532 RS07215 WP 056797346.1 RLAVTLQRPAGLLNPHGPDREAQLLARRVGASGTVKAGQLLAP..............VTAGWRDALRQRLLAVEAHGR.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 318111 DV532 RS07215 WP 056797346.1 AALVALVLGDGAGLAREDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......AGLARWGLW..PARLPWLPWACAL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIW..PQRLPWLPWACGL  265
consensus                                   ****!!!*!!**!** *!!  ** !!**!!*!!!*!****!!!*****       *!!!!***  ! !*!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 318111 DV532 RS07215 WP 056797346.1 GMSAALAYGWLAGAGVPVQRACLMLAVVLLWRLRFRHLGAFLPLLLALVAVLLVEPLAALLPGFWLSFTAVATLIYCFRA  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 318111 DV532 RS07215 WP 056797346.1 R..............LGGWRPWQAWTRAQWVMATGLLPVLLATGLPVSLSAPLANLVAVPWISLAVLPLALLGTLLLPLG  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 318111 DV532 RS07215 WP 056797346.1 GAGEVLLWLAGGLLEVLFRGLALVAQQRPAWLPSALPLWAWLLVCLGALLVLLPRGVP...LRGLGGVMLLA.LWAPREP   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 318111 DV532 RS07215 WP 056797346.1 VPYGQVEVWQLDVGQGLAVLLRTRHHNVLYDAGPAKGDT.DLGERVVLPTLRKLGVSGLDLMVVSHAHADHAGGAAAIQR   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 318111 DV532 RS07215 WP 056797346.1 GLPVGRVLGGEALD.........DVQLQPCASDERWMWDGVRFSLWRWA......DGQSSNDRSCVLLVEAQGERLLLA   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 318111 DV532 RS07215 WP 056797346.1 GDMEAGAERAWLAAT..EMPRVDWLQAPHHGSRSSSTEAFIRATAPRGVLVSRGRNNSFGHPHAQVVERYRRHGVVMHDT   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 318111 DV532 RS07215 WP 056797346.1 AEQGALRLVLGRYGDVEGV....RGQRRFWRVGAD...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGARRM....RDEPRFWREK................   741
consensus                                   ** !!* * ** *!** **    *  *!*!* * *
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X non conserved

X similar

X ≥ 50% conserved