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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 67564 KF715C RS08195 WP 096425761.1 MRTGMFALALGLLCPG.......FFPALPSVGWLITLAACAAVSVFTRV....WPLGCFVLGLCWACWSAQQALDDRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLR.......FLPQLPSFGWLLALAPVGLLLLPFRW....RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                  !!*********!** *         * !*!**********! ** * *  !*     *!* ** !* !*** !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 67564 KF715C RS08195 WP 096425761.1 AGLDGRTLWLEGRVVGLPARTAQGVRFELEAARS.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 67564 KF715C RS08195 WP 096425761.1 RLAVTLQRPAGLLNPHGPDREAQLLARRVGATGTVKAGQLLA..P............VSGGWRDALRQRLLVVQANGR.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 67564 KF715C RS08195 WP 096425761.1 AALVALVLGDGAGLAREDWQTLQATGTVHLLVISGQHIGLMAGLLYGLV.......AGLARWGLW..PARLPWLPCACAL  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 67564 KF715C RS08195 WP 096425761.1 AMAAALVYGWLAGAGVPVQRACLMLAVVLLWRLRFRHLGAMLPLLLALVAVLLVEPLAALLPGFWLSFAAVATLIYCFSG  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 67564 KF715C RS08195 WP 096425761.1 R..............LGGWRPWQAWTRAQWVIAIGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLLLPLG  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 67564 KF715C RS08195 WP 096425761.1   GVGEALLWLAGGLLDGLFRLLALVAHQRPAWLAPALPLWAWLLVLLGALLVLLPRGVP...LRGLGGVMLLAL.WVPTEP   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 67564 KF715C RS08195 WP 096425761.1   VPLGQVEVWQLDVGQGLAVLLRTRHYNLLYDAGPARGET.DLGERVVLPTLSKLGVGSLDLMVISHAHADHAGGAAAIQR   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 67564 KF715C RS08195 WP 096425761.1   GLPVRRLIGGEALD.........DVPLHPCASGEQWNWDGVRFSLWRWA......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 67564 KF715C RS08195 WP 096425761.1   GDMEAAAERAWLADT..EMPRIDWLQAPHHGSRSSSTEAFIRASAPRGVLISRGRNNSFGHPHVQVMERYQRHGLAVHDT   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 67564 KF715C RS08195 WP 096425761.1   AVEGALRLVLGRHGEVEG....IRGQRRFWRVRAE...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1   AEHGALSLQLGAFGGARR....MRDEPRFWREK................   741
consensus   *  !!* * **  !** *    **  *!*!* * *
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X non conserved

X similar

X ≥ 50% conserved