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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA    80
NTDB id 1022087 ABX298 RS17950 WP 367393419.1 MRTGMFALALGLLCLGFLPALPS........VGWLVLLALAGGLGLFTRLW....PLGCFLLGLCWACWSAQQALDDRLA    68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVGLLLLPFRWR....PLAFFLFGLVWACLNAQWALDDRLP    68
consensus                                   !!********!** ! **!*!**        ***!***!*** ***  !*     *!* ** !* !*** !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW   160
NTDB id 1022087 ABX298 RS17950 WP 367393419.1 PGLDGRTLWLEGQVVGLPTRTAQGVRFELDAARS.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 1022087 ABX298 RS17950 WP 367393419.1 RLAVTLQRPAGLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............VAGGWRDTLRQRLLAVEANGR.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 1022087 ABX298 RS17950 WP 367393419.1 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 1022087 ABX298 RS17950 WP 367393419.1 AMAAALAYGWLAGGGVPVQRACLMLAVVLLWRLRFRHLGATLPLLLALVAVLLVEPLAALLPGFWLSFAAVATLGYCFSA   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 1022087 ABX298 RS17950 WP 367393419.1 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 1022087 ABX298 RS17950 WP 367393419.1  GVGEVLLWLAGGLLDVLFRLLELVAQQQSAWLPAVLPLWAWLLVCLGTLLVLMPRGVP...LRGLGGVMLLAL.WVPRET   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 1022087 ABX298 RS17950 WP 367393419.1  VPFGQVEVWHLDVGQGLAVLLRTRHHDLLYDAGPARGES.DLGERVVLPTLRKLGVGGLDLMLVSHAHADHAGGAGAIMR   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 1022087 ABX298 RS17950 WP 367393419.1  GLPVERVIGGEVV.........DDMQLQPCVSGDQWTWDGVRFSLWRWA......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 1022087 ABX298 RS17950 WP 367393419.1  GDMEAGAERAWLAAT..EAPRIDWLQSPHHGSRSSSSEAFIRATAPRGVLISRGRNNSFGHPHAQVVERYRRHGVVMHDT   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 1022087 ABX298 RS17950 WP 367393419.1  AEQGALRLVLGRQGEVESV....RRQRRFWRDAGGG.............   738
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGARRM....RDEPRFWREK................   741
consensus                                   ** !!* * **  !**  *    *  *!*!***
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X non conserved

X similar

X ≥50% conserved