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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 181572 A7317 RS17860 WP 237141772.1 MKTGMFALALGLLALRFLPALPPAAGV..L.AMCVLALMLLPF..RS.......HPLAFFLLGLSWACISAQWALDDRLQ   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWL..L.ALAPVGLLLLPF..RW.......RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !*********!***!***!*!** * *  ! *******!!**  !         *!!*** !* !*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 181572 A7317 RS17860 WP 237141772.1 PALDGQTRWVEGRVTGLPQQTSTGVRFELTDGR.SPKARLPKRIRVAWHG....................GPPVRSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                   ****!** ***! !**!!* * ***!!** *   *  ***! !*!**!*!                      *!*****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 181572 A7317 RS17860 WP 237141772.1 RLAVTLKRPSGVLNFHGFDHEAWLLAQRIGATGSVKDGERLAP..............TRNAWRDAVRQRLMAVDAQGR.E  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 181572 A7317 RS17860 WP 237141772.1 AGLAALVLGDGSGLAAEDWRVLQDTGTVHLLVISGQHIGLLAGLIYGLVTLLARYGCWPPA.........WPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQR.........LPWLPWACGL  265
consensus                                   ****!!!*!!*!!** *!!*****!!**!!*!!!!*!****!!!*******!*!** ** *         *!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 181572 A7317 RS17860 WP 237141772.1 AFAAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGAWWPLLLAFNGVLILEPLASLQPGFWLSFAAVAVLVLAFGG  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!!**!!**!***!***!***!***!!**!*******!**!  *!*****!*!****!*!!!!*!!!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 181572 A7317 RS17860 WP 237141772.1 .......RLGR.......WSAWQAWTRPQWLIAIGLFPLLLVLGLPISLSAPLANLFAVPWISLVVLPLALLGTVLVAVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLGV.......PSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ****        ******  * !*****!!*!**!*!****!******!!**!*!**!****!!!!*!* !* *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 181572 A7317 RS17860 WP 237141772.1 FVGEGLLWLAGGALDGLFRALALLAGHLPAWIPAEVPMGYWLVSVAGAVLLLLPRGVP...LRPMGWPMLLLAVFPPREP   486
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *****!*!**** * *** **!!*** **!** **!***! * **! **!!*!*!**  *! *! **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 181572 A7317 RS17860 WP 237141772.1 VPHGQVEVVQLDVGQGQALVLRTRHHTLLYDAGPRSGEV.DLGARVVLPSLRKLGVEVLDMMLLSHADADHAGGAAAIAR   565
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!! *****!* ! !!*!*!!! !** !***!!**!*!! *!** *!****!!*!*!!!!!* ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRLANARYAAMLA   719
NTDB id 181572 A7317 RS17860 WP 237141772.1 GLPIRRVVGGETRGL.......PAFLGTEPCVSGEQWEWDGVSFELWQWP......DATSGNPKSCVLQVQAKGERMLLT   632
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** ****** **       *****   !**!**! !**! !*** **       !***! *!!!! * ******!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 181572 A7317 RS17860 WP 237141772.1 GDIDRAAERAFLAS..PLAVRTDWLQAPHHGSRSSSSWPFVQRLAPTAVLISRGRGNAFGHPHPQVMERYRALGTQVYDS   710
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****!*!****  ** * ***!**!!!!!**!!!* !* **** *******  !**!!!!!*!* !* * ! ** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 181572 A7317 RS17860 WP 237141772.1 AEQGAVRVQLG..AFLPPTVARSQRRFWREALP...............   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLG..AFGGARRMRDEPRFWREK................   741
consensus                                   ** !!* ****  !**  *  *  *!*!****
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X non conserved

X similar

X ≥ 50% conserved