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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 1123058 EL330 RS07455 WP 101274847.1 MRTWMLALAAGLVLPRFLPALPSVWILCVLGVLGGL..LLSRR.........RWASSGLLLLGFAWACWQCQSAIDDRLP   69
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLRFLPQLPSFGWLLALAPV.GL..LLLPF.........RWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!* *****!!*******!*!**** * *!*** *!  *!***         *** **  * !**!****** *****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 1123058 EL330 RS07455 WP 101274847.1 VSQDGRTYWIQGTVSGLPTSTGDVVRFELEDIE.SRHAGLPSKVRLSWYGG....................PQVRAGERW  128
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                   *  *!***** ! !**!!* **!**!!*****  ******!***!!*!!!*                     !*** !*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 1123058 EL330 RS07455 WP 101274847.1 RLAARLKRPRGLVNPHAFDYEAWLLARRIGATGSVKAGERLFAP............HSVNSWRDRLRLRLMEVSAS.GRQ  195
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAH.GRA  194
consensus                                   *!**!!!!! ***!! *!!*!***!!****!*!****!*!*  *             **  !!***! *!* * *  ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 1123058 EL330 RS07455 WP 101274847.1 GAIAALVVGDDSGLSREDWQVLQDTGTVHLMVISGQHIGMLAGLLYGLVALAARWGFWPSRW.........PWLPCACAL  266
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQRL.........PWLPWACGL  265
consensus                                   **!*!!!!!! !!** *!! ****!!**!!**!!!*!**!*!!!*************!***** !*         !*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 1123058 EL330 RS07455 WP 101274847.1 ALAGALSYGWLAGFDVPVRRACLMVAVVLLWRLRFRHLGVWQPLLLALNGVLLVDPLVSLQPGFWLSFGAVAVLALAFS.  345
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !*!*!**!**!!!**!!**!**!!*!*!***!!**!***!***!**!* *!**!!!******!*!!!!*!!!** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 1123058 EL330 RS07455 WP 101274847.1 ......GRLGRWKW.......WATLTRAQWAASLGLLPLLLTLGLPVSASGPLANLIAVPWVSL.TVPFALLGTLLLPLG  411
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                         ****** !        **** **!*!***!!!!**!*!***!!*****!!**!*!**!****!*!!*!* *!***
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 1123058 EL330 RS07455 WP 101274847.1 AIGETLLWLVGSSLALLFELLSAMATWQPAWLAVGIPIWALLMIGLGVLLMLLPSGVP...VRALGLVLLAPLVYPPYSE   488
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   **** !*!* ** ******!***** ****!*! **!*!!* ****!****!*!*!**    *!**! *!!*!****** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 1123058 EL330 RS07455 WP 101274847.1 VAEGRAQVSVLDVGQGLSVLVRTREHALLYDAGPRQGDF.DTGERVVFPSLRSLGVKRLDILLLSHADNDHSGGAQAIRR   567
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   *  !** * **!*!!!***!!*!**!*!!*!*!!!*!!* ! **!!**!*!! *!* **!***!!*!*!!*!!* ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 1123058 EL330 RS07455 WP 101274847.1 LLPVARTVSGEPQRH.......ATDLNAKPCENGAEWRWNGVRFSLWQW......QAARESNQTSCVLLVEANGERVLLT   634
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!!* *****! **        * ***** !  !**! !**! !*** *        *!  *!* !!!!********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 1123058 EL330 RS07455 WP 101274847.1 GDIDQAAEQALLLSG..KDVKAQWLLLPHHGSRSSSSEPFLRAVEPSAALISRSLHNAFGHPHPTVTARLEASAIDVYDT   712
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!* **! !!* **   ** ! *!!*!!!!!**!!!* !! !! * *!***** *!**!!!!! !  !* * **** *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 1123058 EL330 RS07455 WP 101274847.1 ALHGAIRIDLGD..FSVAEIQRAERRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   * *!!* *****  ****   * **!*!***
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X non conserved

X similar

X ≥ 50% conserved