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logo
NTDB id 1426 RS RS05575 WP 011001070.1   MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 51769 A458 RS35730 WP 080583069.1 MRTWMLALAAGLVLPRFLPALPSFWILCVLGVLGGL..LLSRR.........RWASSGLLLLGFAWACWQCQSAIDDRLPVSQDG   74
NTDB id 1199 PSJM300 12650 AFN78592.1    MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVG.L..LLLPF.........RWRPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                !!* *****!!******!*!**** * *!**** !  *!***         *** **  * !**!*****! *****!**  *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH   170
NTDB id 51769 A458 RS35730 WP 080583069.1 RTYWIQGTVSGLPTSTGDVVRFELEDIE.SRHAGLPSKVRLSWYGG.....................PQVRAGERWRLAARLKRPR   138
NTDB id 1199 PSJM300 12650 AFN78592.1    RTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYGG.....................PEIRSGERWRLAARLKRPS   137
consensus                                ***** ! !**!!* **!**!!*****  ******!***!!*!!!*                     !*** !*!!*!**!!!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA   255
NTDB id 51769 A458 RS35730 WP 080583069.1 GLVNPHAFDYEAWLLARRIGATGSVKAGERLFAP............HSVNSWRDRLRLRLMEVSASG.RQGAVAALVVGDDSGLS   210
NTDB id 1199 PSJM300 12650 AFN78592.1    GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHG.RAGAIAALVVGDGSGLS   209
consensus                                ***!! *!!*!***!!****!*!****!*!*  *             **  !!***! *!* * * * ******!!!!!! !!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1   QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR   340
NTDB id 51769 A458 RS35730 WP 080583069.1 REDWQVLQDTGTVHLMVISGQHIGMLAGLLYGLVALAARWGFWPSRW.........PWLPCACALALAGALSYGWLAGFDVPVRR   286
NTDB id 1199 PSJM300 12650 AFN78592.1    TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQRL.........PWLPWACGLAFAGALGYGWLAGFEVPVRR   285
consensus                                *!! ****!!**!!**!!!*!**!*!!!*********!***** !*         !*** ****!*!*!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA   425
NTDB id 51769 A458 RS35730 WP 080583069.1 ACLMVAVALLWRLRFRHLGVWQPLLLALNGVLLVDPLVSLQPGFWLSFGAVAVLALAFS.......GRLGRWKW.......WATL   357
NTDB id 1199 PSJM300 12650 AFN78592.1    ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.......GRLGVPSW.......WRAL   356
consensus                                **!!*!*****!!**!***!***!**!* *!**!!!******!*!!!!*!!!** ****       ****** !       ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1   ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV   509
NTDB id 51769 A458 RS35730 WP 080583069.1 TRAQWAASLGLLPLLLTLGLPVSASGPLANLIAVPWVSL.TVPFALLGTLLLPLGGIGEALLWLVGTSLALLFELLSAMATWQPA   441
NTDB id 1199 PSJM300 12650 AFN78592.1    LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPA   441
consensus                                **!*!***!!!!**!*!***!!*****!!**!*!**!****!*!!*!* *!********!*!* ** ******!***** ****
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR   594
NTDB id 51769 A458 RS35730 WP 080583069.1 WLAVGIPIWALLMIGLGVLLMLLPSGVP...VRALGLVLLAPLVYPPYSEVAEGRARVSVLDVGQGLSVLVRTREHALLYDAGPR   523
NTDB id 1199 PSJM300 12650 AFN78592.1      WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                  !*! **!*!!* ****!****!*!*!**   *!**! *!!*!****** * *  !**** **!*!!!***!!*!**!*!!*!*!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 51769 A458 RS35730 WP 080583069.1 QGDF.DTGERVVFPSLRSLGVKRLDILLLSHADNDHSGGAQAIRRLLPVARTVSGEPQRH.......ATDLNAKPCENGAEWRWN   600
NTDB id 1199 PSJM300 12650 AFN78592.1      YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWN   600
consensus                                  *!!* ! **!!**!*!! *!* **!****!!*!*!!*!!* ** ***!!* *****! **        * ***** !  !**! !*

logo
GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 51769 A458 RS35730 WP 080583069.1 GVRFSLWQW......QAARESNQTSCVLLVEANGERVLLTGDIDQAAEQALLLSG..QDVKAQWLLLPHHGSRSSSSEPFLRAVE   677
NTDB id 1199 PSJM300 12650 AFN78592.1      QVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                  *! !*** *        *!  *!* !!!!*********!*!!!* **! !!* **   ** ! *!!*!!!!!**!!!* !! !!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 51769 A458 RS35730 WP 080583069.1 PSAALISRSLHNAFGHPHPTVTARLEASAIDVYDTALHGAIRIDLGD..FSVAEIQRAERRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1      ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                  * *!***** *!**!!!!! !  !* * **** *!* *!!* *****  ****   * **!*!***
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X non conserved

X similar

X ≥ 50% conserved