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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 48295 PSTAA RS13790 WP 014597107.1  MRTWMLALAAGLVLPRFLPALPAQWFCAALAAVGLLL..LLRHRW.........VAPGLFLLGLSWACYQSQSAIDDRLPASMDG   74
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLL...LLPFRW.........RPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                   !!* *****!!*******!*!*  ** **!* **!!   !!* **          ** ** !* !******! *****!*  **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 48295 PSTAA RS13790 WP 014597107.1  RTFWIEGRVVGLPSRIGNVVRFELDDIQ.SRHAGLPSKVRLSWYD....................GPLLQAGERWRLAARLKRPH  138
NTDB id 1199 PSJM300 12650 AFN78592.1       RTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYG....................GPEIRSGERWRLAARLKRPS  137
consensus                                   ******! ! *!!** ****!!*****  ******!***!!*!!*                    *!*** !*!!*!**!!!!!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA  255
NTDB id 48295 PSTAA RS13790 WP 014597107.1  GMVNPHAFDYEAWLLARRIGATGTIKAGERLTAST............ASDGWRDQLRARLMA.VPASDRQGAIAALVVGDDSGLS  210
NTDB id 1199 PSJM300 12650 AFN78592.1       GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLT.VEAHGRAGAIAALVVGDGSGLS  209
consensus                                   ***!! *!!*!***!!****!*!****!*!*  *              ***!!* *! *!** ***  ****!*!!!!!! !!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR  340
NTDB id 48295 PSTAA RS13790 WP 014597107.1  RGDWQVLQDTGTVHLMVISGQHIGMLAGLLYGLVALLA.......RLGA..WPRRSPWLPWACGLALSGALAYGWLAGFEVPVRR  286
NTDB id 1199 PSJM300 12650 AFN78592.1       TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLA.......RWGI..WPQRLPWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                    *!! ****!!**!!**!!!*!**!*!!!******!*       !**   *! !*!********!***!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 48295 PSTAA RS13790 WP 014597107.1  ACLMVTVVLVWRLRFRHLGVWLPLLLALDGVLLIDPLVTLQPGFWLSFGAVAVLALAFSG.......RL.......GSWRWWMAL  357
NTDB id 1199 PSJM300 12650 AFN78592.1       ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG.......RL.......GVPSWWRAL  356
consensus                                   **!!**!***!!**!***!*!*!*!* *!***!!*****!*!!!!*!!!** *****       **       * *******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
NTDB id 48295 PSTAA RS13790 WP 014597107.1  TRAQWAATLGLLPLLLALGLPISASGPLANLLAVPWVSL.TVPFALLGTLLLPVAGVGEALLSVVGYSLALLFDVLAAIANWQPA  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 48295 PSTAA RS13790 WP 014597107.1  WIAVGLPVWALALIGLGVLLLLLPAGIP...LRSLGLLLLLPLLFPPRVEVPDGRAQVWVLDVGQGLAVLVRTREHALLYDAGPK   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 48295 PSTAA RS13790 WP 014597107.1  QGDF.DTGERVVVPSLRTLGVARLDLLLLSHADNDHSGGADAVQRLLRVDRVVSGEPSR.......LAPDLGAERCESGSSWQWN   600
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWN   600
consensus                                   *!!* ! **!!**!*!! *!* **!****!!*!*!!*!!*********!  *****! *        ** ****  ! *!**! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFELLYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 48295 PSTAA RS13790 WP 014597107.1  DVRFSLWQWQ......MARDSNQLSCVLQIEANGERILLTGDIDQAAERAWLASE..QRTPSHWLLLPHHGSRSSSSEPFLRGVA   677
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                    ! !*** *        !  *!* !!!! ********!*!!!* **!*!****   ** * *!!*!!!!!**!!!* !! *!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 48295 PSTAA RS13790 WP 014597107.1  SHAALISRSLHNAFGHPHPSVIERLETLDIQAYDTALHGAIRIELGSF..SPPRLQRSQRRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGAF..GGARRMRDEPRFWREK.................   741
consensus                                   * *!***** *!**!!!!! !* !*   ***  *!* *!!* ******  *  *  *  *!*!***
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X non conserved

X similar

X ≥50% conserved