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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 411920 N015 RS08665 WP 024685239.1  MRTGMIALALGLLALRFLPALPATWLLLLMPVVALMLLPFR............TYPLAFFLFGFTWACVSAQSALNDRLLPRLDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFR............WRPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                   !!********!***!***!*!*  * ********!******             *!!****!* !***  !!  *!  **!  *  **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 411920 N015 RS08665 WP 024685239.1  QTLWLQGKVVGLPSASEGVVRFELAEGL.SRRAKLPKLMRIAWYG....................GPEVRSGERWRLAVKLKRPG  137
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 411920 N015 RS08665 WP 024685239.1  GLVNPDAFDYEAWLLAQRIGATGTVVDGQLLAP.............ARAAWRDAIRQRLLAVDAQGR.EGGLAALVLGDGSGLS  207
NTDB id 1199 PSJM300 12650 AFN78592.1       GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHGR.AGAIAALVVGDGSGLS  209
consensus                                   ***!! *!!*!***!! ***!*!**  ! *** *              **!!***!**!!**** *! ******!!!*!!*!!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR  340
NTDB id 411920 N015 RS08665 WP 024685239.1  SIDWQVLQDTGTVHLLVISGQHVSLLAGVMYALVSLL.......VRWGLWP..RALPWLPWACGLAFASALGYGLLAGFDVPVRR  283
NTDB id 1199 PSJM300 12650 AFN78592.1       TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGIWP..QRLPWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                   **!! ****!!**!!**!!!*!****!!***!****!        *!!***!   **!********!*!*!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 411920 N015 RS08665 WP 024685239.1  ACVMVGLVLLWRLRFRHLGLLWPLLLSLNAVLVFEPLVSLRPGFWLSFAAVGILILIFSG.......RL.......GAWGWIQSW  354
NTDB id 1199 PSJM300 12650 AFN78592.1       ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG.......RL.......GVPSWWRAL  356
consensus                                   ***!***!***!!**!****  **!**** *!****!****  *!*!!!!*!!*********       **        ***  ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEAS.FAWLMPWLDALALPGGS  508
NTDB id 411920 N015 RS08665 WP 024685239.1  TRAQWLIAVGLLPILMMLNLPISISGPLANLVAVPWVSVIVLPLALSGTLLLPVPLLGESLLWVAGGALEWLFVFLGW.MADQVP  438
NTDB id 1199 PSJM300 12650 AFN78592.1       LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLAL.IAGWQP  440
consensus                                    **!*****!!!!****!  ***!*****!!**!*!**!***!!!!*!*  *!**!****  !*!****  ***!*  *!*   **    *
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      VWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGP   593
NTDB id 411920 N015 RS08665 WP 024685239.1  AWLPSATPAWVLALSLLGALLVLLPKGVP...IRPLGWPLLLLCVFAPLKPVPAGQVDVLQLDVGQGLAILLRTRHHTLLYDAGP   520
NTDB id 1199 PSJM300 12650 AFN78592.1       AWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGP   522
consensus                                   *!***! !*!***! **! ***!*!*!**   *! *! *!!******!*   ** !  *** *!*!!!***!**!* ! !!*!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      RQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAW   678
NTDB id 411920 N015 RS08665 WP 024685239.1  RFGEF.DIGQRVVLPAIRKSGVRHLDMMLLSHADADHAGGALAVHRALSVGRVLGGDI.....ARL..APALGASRCENGESWEW   597
NTDB id 1199 PSJM300 12650 AFN78592.1       RYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEP.....ERL..PAALDARSCRTGQRWTW   599
consensus                                   !*!** !***!!**! *!  !*  *!****!!*!*!!!!!**** ****!* *!****     *!*  * ****  !  !**! !

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAV   763
NTDB id 411920 N015 RS08665 WP 024685239.1  DGVVFSTWVWEQAP......EGNAGSCMLSVDANGERLLLTGDVDTEAEQAAINSG..FDLRAHWLQAPHHGSRSSSSKPFLRAV   674
NTDB id 1199 PSJM300 12650 AFN78592.1       NQVNFSVWRWPQAT......NGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAV   676
consensus                                   **! !*** * !**        *!**!!*! ********!*!!**  *! !** **   ** ! *!**!!!!!**!!!* !! !!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      SAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 411920 N015 RS08665 WP 024685239.1  MPTGVLISRGRNNAFGHPHPLVMARYKWFGSASYDSAELGAIRLQLG..TFGSPEAQRAQRRFWRD...................   738
NTDB id 1199 PSJM300 12650 AFN78592.1       AADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLG..AFGGARRMRDEPRFWREK.................   741
consensus                                    * *******  !**!!!!! !* !*   ! *  **** !!* ****  ***   * *  *!*!**
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X non conserved

X similar

X ≥ 50% conserved