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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPAL.LGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVL   79
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  MRTWMLALAAGLVLPRFLPALPAAWGWLALAALGCVLLVR...R.........RWAALGLFLLGFSWACFQSQSAMDDRL   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPS.FGWLLALAPVGLLLLP...F.........RWRPLAFFLFGLVWACLNAQWALDDRL   67
consensus                                   !!* *****!!******!*!*  ***** ******!**    *         *** !* ** !* !*****! *****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQR  159
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  PVSKDGRTFWIEGTVVGLPVSADNVVRFELEDI.DSRHDGLPSKVRLSWYG.....................GPTLQAGER  127
NTDB id 1199 PSJM300 12650 AFN78592.1       PVDLDGRTFWLEGQVTGLPDRRGDVVRFELEDI.HSRHAGLPSRIRLAWYG.....................GPEIRSGER  126
consensus                                   **  *!******! ! *!!*  ****!!*****  ******!***!!*!!!                     *!*** !*!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      WQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARY  239
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  WRLAARLKRPRGLVNPQSFDYEAWLLARRIGATGTVKAGERLLMP............AATEGWRDRLRARLMA.IPASGR  194
NTDB id 1199 PSJM300 12650 AFN78592.1       WRLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLT.VEAHGR  193
consensus                                   !*!**!!!!! ***!! *!!*!***!!****!*!****!*!*  *            * ***!!***! *!** *** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAV  319
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  QGAIAALVVGDDSGLSRSDWQVLQNTGTVHLMVISGQHIGILAGMLYGLIALLAR.......SGL..WPRRVPWLPWACG  265
NTDB id 1199 PSJM300 12650 AFN78592.1       AGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLAR.......WGI..WPQRLPWLPWACG  264
consensus                                   ***!*!!!!!! !!** *!! *** !!**!!**!!!*!****!!*********!*!        ***  *! !*!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAAR  399
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  LALTGALAYGWLAGFDVPVRRACLMVAVVLLWRLRFRHLGVWQPLLLALNGVLLIDPLVTLQPGFWLSFGAVAVLALVFS  345
NTDB id 1199 PSJM300 12650 AFN78592.1       LAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR  344
consensus                                   *!***!**!**!!!**!!**!**!!*!*!***!!**!***!***!**!* *!***!!*****!*!!!!*!!!** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      IVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPE  478
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1  .......GRLGQWAW.......WKALVRAQWAAAIGLLPLLLALGLPVSASGPLANLIAVPWVSL.TVPFALLGTVLLPL  410
NTDB id 1199 PSJM300 12650 AFN78592.1       .......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWV  410
consensus                                          **** **!        *******!*!***!!!!**!*!***!!*****!!**!*!**!****!*!!*!* *!**
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logo
NTDB id 1426 RS RS05575 WP 011001070.1          PWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1 GGVGETLLLAVGWCLALLFELLTIISGWQPAWLAGGLSFWAWALIALGVLLLLMPSGLP...LRALGLIVLLPLAFPPSA   487
NTDB id 1199 PSJM300 12650 AFN78592.1           PWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                       ***** !*** *  ******!**** *****!*! *** !!!*!***!***!!*!*!**   *!**! **!*!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1          APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1 SVSDGQAQVWMLDVGQGLSVLVRTRKHALLYDAGPSQGDF.DMGERVVFPSLRALGVDGLNMLLLSHADNDHAGGAQAIQ   566
NTDB id 1199 PSJM300 12650 AFN78592.1           RPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQ   566
consensus                                        *  ! * ****!*!!!***!!*!* !*!!*!*!!**!!* !***!!**!*!!**!********!!*!*!!!!!* ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1          AGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAML   718
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1 RLMPVHSVVSGEPQR.......HPAGLNAEMCENGAEWQWDNVRFRLWHW......QAAGDSNQRSCVLLVEANGERVLL   633
NTDB id 1199 PSJM300 12650 AFN78592.1           RAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLL   633
consensus                                       ***!! ******! *        ******  !  !**! !**! ! ** *       *!  *!**!!!!*********!

logo
NTDB id 1426 RS RS05575 WP 011001070.1          AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1 TGDIDQAAERALLLSG..PAVQAQWLLLPHHGSRSSSSEPFLRAVGPTAALISRSLHNAFGHPHPNVIARLEALGIESYD   711
NTDB id 1199 PSJM300 12650 AFN78592.1           TGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                       *!!!* **!*!!* **     **!  *!!*!!!!!**!!!* !! !!** *!***** *!**!!!!!*!* !* * !*!  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1          TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 347411 Pstu14405 RS14095 WP 003283694.1 TALHGAVRIDLGRFS..PAQVQRAERRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1           TAEHGALSLQLGAFG..GARRMRDEPRFWREK.................   741
consensus                                       !* *!!* ******    *    * **!*!***
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X non conserved

X similar

X ≥ 50% conserved