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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPV.W..QPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSV    77
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 MRTGMSALALGLLSLGLLPALPSVGWLFLLFLSALMCLF...........TR....VWPIGWFLLGLSWACWSAQQALDD    65
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLP...........FR....WRPLAFFLFGLVWACLNAQWALDD    65
consensus                                   !!*********!** !  *!*!****!*  *****!**!             !    * ****** !* !***  !!**!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VLAPAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPG   157
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 RLIAELDGRTLWLEGRVTGLATQSGRSVRFELDEAQ.SRRAKLPRRMQLSWFDG....................PMVRTG   124
NTDB id 1199 PSJM300 12650 AFN78592.1       RLPVDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYGG....................PEIRSG   124
consensus                                   *!  ***!******! !**!** *** *!!****   ** ***! !**!*!***                        !****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QRWQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEA   237
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 ERWRLAVNLRRPHGLLNPHGPDREAMLLARRIGATGTVKAGEMLAP..............ASGGWRDRLRQRLLAVDAQ.   189
NTDB id 1199 PSJM300 12650 AFN78592.1       ERWRLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAH.   191
consensus                                   *!!*!***!*!!****!! **! !* *!!****!*!****!**** *              ***!!***!**!!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      RYAPVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAG   317
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 GREVVLAALVLGDGSGLAREDWQALQATGTVHLMVISGQHIGLLAGLIYGLVA.......GLARLGAW..PGRLPWLPWA   260
NTDB id 1199 PSJM300 12650 AFN78592.1       GRAGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVL.......LLARWGIW..PQRLPWLPWA   262
consensus                                   *** ***!!!*!!*!!** *!!  ** !!**!!**!!!*!****!!!*****       *!!!** *  ! !*!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AVAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLA   397
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 CGLAMAAALAYGALAGFQVPVQRACLMLATVLVWRLRFRHLGAFFPLLLALVGVLLFEPLASLMPGFWLSFAAVAVLIYC   340
NTDB id 1199 PSJM300 12650 AFN78592.1       CGLAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWI   342
consensus                                   ***!*!*!**!* !!!* !!**!**!!*!*!***!!**!*****!*!*!***!****!*!** *!*!!!!*!!!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      ARIVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.L   476
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 FSAR..............LGGWRPWQAWSRAQWVIAIGLLPAMLALGLPVSLSAPLVNLLAVPWISLAVLPLALLGAATL   406
NTDB id 1199 PSJM300 12650 AFN78592.1       FRGR..............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLL   408
consensus                                   ****              ***** ***  **!*****!!!!**!*!***!!******!*!!*!**!****!!!!*!** !
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      PEPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLAR   556
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 PLAGVGESLLWLAGGLIDLMFRALGLLAEWRPPWTPPPLSLWAWTLVCAGALLLLLPRGVP...LRGLGAVMLLA.LWAP   482
NTDB id 1199 PSJM300 12650 AFN78592.1       WVPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAP   485
consensus                                   ******* !*!****** *** ***!** * * !*******!!!*!* *! **!!*!*!**   *!**!***!***!*!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTET   636
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 REQVPHAEVEVWQLDVGQGLAVLLRTRHHSLLYDAGPAMGTS.DLGQTVVLPTLRRLGVNQLDLMLISHAHADHAGGALA   561
NTDB id 1199 PSJM300 12650 AFN78592.1       DSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALA   564
consensus                                      ** ** *** *!*!!!***!**!* ! !!*!*!!* !*  !****!**!*!! *!** *!****!!***!!!!!***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAA   716
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 VQRGLPVVRVLAGEARE.......LPAVLDAQVCSSGERWEWDGVTFSLWHWP......SGKNSNDRSCVLLVEAQGERL   628
NTDB id 1199 PSJM300 12650 AFN78592.1       IQRAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERL   631
consensus                                   *****!!  *!****         *******  ! *!*!! !**! !*** **       * **! *!!!!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      MLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIER   796
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 LLAGDMEAGAERAWLESA..DAARIDWLQSPHHGSRSSSTEPFIRAIAPRGVMISRGRHNGFGHPHPQVIERYRRHGLAV   706
NTDB id 1199 PSJM300 12650 AFN78592.1       LLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAEL   709
consensus                                   *!*!!*****!*!*****  * * ***!* !!!!!**!!** !* !*** ******* *!**!!!!!*!* !*   !***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      LRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 1042336 ACCE15 RS17080 WP 372821227.1 HDTALQGALRLRLGRHG..EVEGLRAQRRFWREPPS...............   740
NTDB id 1199 PSJM300 12650 AFN78592.1       HDTAEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                   **!*  !!* * *** *     ***  *!*!**
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X non conserved

X similar

X ≥50% conserved