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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 315997 D5S10 RS08245 WP 016981642.1 MRTGMIALASGLVALRFLPALPPTWLLLLMPILALMLLPFRT............YPMALFLLGFTWACVSAQWALNDRLV   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFRW............RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!********!***!***!*!** * ********!******              **! ** !* !*** !!**! **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 315997 D5S10 RS08245 WP 016981642.1 HRLDGQTLWLQGKVVGLPSVAEGVVRFELEGARS.RRAILPARIRVAWYGG....................PQVNSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                     **!***** ! ! *!!** ****!!***   ! * ***! !*!**!!!*                  !****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 315997 D5S10 RS08245 WP 016981642.1 RMAVKLKRPAGLVNPDAFDYEAWLLAQRIGATGTVVDGQLLT..P............ARGAWRDLIRQRLLAVDAQG.RE  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                   ****!!!! ***!! *!!*!***!! ***!*!**  ! **  *               **!!* *!**!!**** * **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 315997 D5S10 RS08245 WP 016981642.1 GGLAALVLGDGSGLSSTDWQVLQDTGTVHLLVISGQHIGLLAGVIYALV.......AGLARWGLWP..RALPWLPCACAL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWP..QRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!****!! ****!!**!!*****!!!!*!****!!***!**       *!!!!***!   **!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 315997 D5S10 RS08245 WP 016981642.1 AFIAALGYGLLAGFEVPVRRACVMVAMVLLWRLRFRHLGVVWPLLLSFNAVLIFEPLVTLQPGFWLSFAAVGILVLIFSG  343
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!***!*!*!***!!**!***!  **!***  *!****!*****!*!!!!*!!*********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 315997 D5S10 RS08245 WP 016981642.1 .......RLG.......AWNWWQSWTRAQWLIAIGLLPILLALNLPISLSGPFANLLAVPWVSLIVLPPALLGTLLLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLG.......VPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ***        ** ****  **!*****!!!!**!*! ***!*****!!*!!!*!**!****!*!!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     WSQPVLIWAEAS.FAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 315997 D5S10 RS08245 WP 016981642.1 VVGEGLLWLAGGALEWLFMFLGW.VAAVLPAWLPSAMPGWAWLLSLLGAFILLLPKGVP...MRPLGWPLLLLCVFPPLD   485
NTDB id 1199 PSJM300 12650 AFN78592.1      WLGEALLWLAGGLLAVLFELLAL.IAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                  *****!*!**** ***!* *!*  ***  **!***!*!*!!! ! **!  *!!*!*!**   *! *! *!!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1     APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 315997 D5S10 RS08245 WP 016981642.1 SVPAGQVEVLQLDVGQGLAILLRTRNHTLLYDAGPRFGEF.DIGQRVVVPAMRKAGVRHLDLMLISHADSDHAGGAAAVH   564
NTDB id 1199 PSJM300 12650 AFN78592.1      RPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQ   566
consensus                                   ** !  *** *!*!!!**!**!* ! !!*!*!!!*!** !***!!**! *!  !*  *!****!!*!!!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAML   718
NTDB id 315997 D5S10 RS08245 WP 016981642.1 QAFPVDRVLGGELAR.......LAPQLDARLCESDARWEWDGVVFSTWRWEQGP......DGNPASCMLSVDAGGERLLL   631
NTDB id 1199 PSJM300 12650 AFN78592.1      RAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWPQAT......NGNQASCVLMVEAAGERLLL   633
consensus                                   **!!  *!**** *       ** ***** ! ***!! !**! !***** !**       *! *!!*! *********!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 315997 D5S10 RS08245 WP 016981642.1 TGDIDVDAERAAIASG..FDLRAHWLQSPHHGSRTSSSKVFLQAVGAVGVLISRGRNNAFGHPHPLVMARYRWLGMASYD   709
NTDB id 1199 PSJM300 12650 AFN78592.1      TGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                  *!!!*  *!*!*****   ** ! *!* !!!!!**!!!**!! !!*! *******  !**!!!!! !* !*   !**  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 315997 D5S10 RS08245 WP 016981642.1 SAELGAVSLRLG..TFGTPQAERAQRRFWRD..................   738
NTDB id 1199 PSJM300 12650 AFN78592.1      TAEHGALSLQLG..AFGGARRMRDEPRFWREK................   741
consensus                                  *** !!*** **  ***   * *  *!*!**
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X non conserved

X similar

X $\geq$ 50% conserved