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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 400385 POR16 RS16615 WP 053932356.1 MRTGMIALALGLVALRFLPVLPPIWLLLLMPILALMLLPFRT............YPMAFFLVGFTWACVSAQWALNDRLL   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 400385 POR16 RS16615 WP 053932356.1 HRFDGQTLWVQGNVVGLPSVAEGVVRFELEDARS.RRAKLPARIRVAWYG....................GPDVKSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                     **!***** !*! *!!** ****!!****  ! * ***! !*!**!!!                  *!****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 400385 POR16 RS16615 WP 053932356.1 RLALKLKRPGGLVNPDAFDYQAWLLARRIGATGTVADGQLLT..P............ARGAWRDGIRQRLLAVDAQGR.E  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                   *!***!!!! ***!! *!!*****!!****!*!**  ! **  *               **!!***!**!!**** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 400385 POR16 RS16615 WP 053932356.1 GGLAALVLGDGSGLSRTDWQVLQNTGTVHLLVISGQHIGLLAGVVYALIA.......GLARWGLWP..RALPWLPTACAL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVL.......LLARWGIWP..QRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!** *!! *** !!**!!**!!!*!****!!***!***       *!!!!***!   **!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 400385 POR16 RS16615 WP 053932356.1 AFVAALGYGLLAGFEVPVRRACVMVGMVLLWRLRFRHLGVVWPLLLSFCAVLIFEPLVTLQPGFWLSFAAVGILILIFSG  343
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!***!***!***!!**!***! **!***  *!*****!*****!*!!!!*!!*********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 400385 POR16 RS16615 WP 053932356.1 .......RLG.......AWQWWQSWTRAQWLIAIGLLPILLALNLPISLSGPFANLLAVPWVSVIVLPLALIGTLLLPVP  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 400385 POR16 RS16615 WP 053932356.1 VVGEGLLWLAGGALEWLFVFLGW.VADVLPAWLPSAVPVWAWLISLLGAFVLLLPRGVP...MRPLGWPLLLLCVFPPIT   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 400385 POR16 RS16615 WP 053932356.1 PVPMGRVEVLQLDVGQGLSILLRTRNHTLLYDAGPRFGEF.DIGERVVVPAIRKSGVRHLDLMLISHADADHAGGALAVH   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 400385 POR16 RS16615 WP 053932356.1 RAFPVNRVSGGEVA.......RLTPQLDAGLCENGERWEWDGVVFTTWRWEE......APDGNAGSCILSVEANGERLLL   631
NTDB id 1199 PSJM300 12650 AFN78592.1       RAMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLL   633
consensus                                   ***!!  ******         **  ***** !  !*!! !**! !***** *      !  *!**!!*! *********!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 400385 POR16 RS16615 WP 053932356.1 TGDIDVHAERAAMGS..GFDLRAHWLQAPHHGSRSSSSKRFLQAVAPVGVLISRGHNNAFGHPHPLVMARYRWLGIASYD   709
NTDB id 1199 PSJM300 12650 AFN78592.1       TGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                   *!!!*  *!*!**** * ** ! *!**!!!!!**!!!* !! !!** *******  !**!!!!! !* !*   !**  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 400385 POR16 RS16615 WP 053932356.1 SAELGAVSLQLGA..FGTPQGERAQRRFWRD..................   738
NTDB id 1199 PSJM300 12650 AFN78592.1       TAEHGALSLQLGA..FGGARRMRDEPRFWREK................   741
consensus                                   *** !!*******  **   * *  *!*!**
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X non conserved

X similar

X ≥ 50% conserved