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logo
NTDB id 1426 RS RS05575 WP 011001070.1   MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 268269 PRJ RS19935 WP 104962904.1 MRTGMFALALGLLCLGFLPAL........PSVGWLITLAACAVGSLFTRVWPLGW....FLLGLCWACGSAQQALDDRLAAGLEG   73
NTDB id 1199 PSJM300 12650 AFN78592.1    MRAGMLALAAGLLLLRFLPQL........PSFGWLLALAPVGLLLLPFRWRPLAF....FLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                !!*********!** ! **!*!        *****!***! **** *  !* !***    ** !* !**  !!**!***!* ***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH   170
NTDB id 268269 PRJ RS19935 WP 104962904.1 RTLWLEGRVAGLPARTAHGVRFELEAPRS.RRAELPQRLQLSWFD....................GPPLRAGEQWRLAVTLQRPD   137
NTDB id 1199 PSJM300 12650 AFN78592.1    RTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERWRLAARLKRPS   137
consensus                                *******! !**!!*******!!***   ! * ***! !**!*!**                     *!*** !**!*!***!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA   255
NTDB id 268269 PRJ RS19935 WP 104962904.1 GLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............VAGGWRDALRQRLLMVEANGR.QAALVALVLGDGAGLA   207
NTDB id 1199 PSJM300 12650 AFN78592.1    GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.AGAIAALVVGDGSGLS   209
consensus                                ***!! **! !* *!!****!*!****! *** *               **!!***!**!! *** *! *****!!!*!!**!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1   QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR   340
NTDB id 268269 PRJ RS19935 WP 104962904.1 REDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......AGLARWGLWP..ARLPWLPWACGLAMAAALAYGWLAGGGVPVQR   283
NTDB id 1199 PSJM300 12650 AFN78592.1    TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWP..QRLPWLPWACGLAFAGALGYGWLAGFEVPVRR   285
consensus                                *!!  ** !!**!!*!!!*!****!!!*****        *!!!!***!   !*!********!*!*!**!**!!! *!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA   425
NTDB id 268269 PRJ RS19935 WP 104962904.1 ACLMLAVVLLWRLRFRHLGAFFPLLLALVAVLVFEPLAALLPGFWLSFAAVATLIYCFSAR..............LGGWRPWQAW   354
NTDB id 1199 PSJM300 12650 AFN78592.1    ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRGR..............LGVPSWWRAL   356
consensus                                **!!*!*!***!!**!*******!**!***!****!*! * *!*!!!!*!!!**** ****              ***** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1   ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV   509
NTDB id 268269 PRJ RS19935 WP 104962904.1 TRAQWVIAVGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLMLPLTGVGEALLWLAGGLLDVLFRGLALVAQQRPA   439
NTDB id 1199 PSJM300 12650 AFN78592.1    LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPA   441
consensus                                **!*****!!!!**!*****!!*****!!**!*!**!****!!!!*!* *!********!*!****** *** **!!**   **
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR   594
NTDB id 268269 PRJ RS19935 WP 104962904.1 WMPPALPLWAWLLVCLGTLLVLLPRGVP...LRGLGGVMLLAL.WVPREPVPFGQVEVWQLDVGQGLAVLLRTRHHSLLYDAGPA   520
NTDB id 1199 PSJM300 12650 AFN78592.1      WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                  !***!*!*!!! !* *!****!*!*!**   *!**!***!*******   ** !  *** *!*!!!***!**!* ! !!*!*!!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 268269 PRJ RS19935 WP 104962904.1 RGES.DLGERVVLPTLRKLGVGGLDVMVISHAHADHAGGAGAIARGLPIKRIIGGEAL..........VDIPLQPCASGEQWDWD   594
NTDB id 1199 PSJM300 12650 AFN78592.1      YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWN   600
consensus                                   !*  !***!!**!*!! *!* **!****!!***!!!!!* ** ***!** ******          ****   ! *!**! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 268269 PRJ RS19935 WP 104962904.1 GVRFSLWRWVD......GQSSNDRSCVLLVEAQGERLLLAGDMEAAAERAWLADT..EVPRIDWLQAPHHGSRSSSTEAFVRATA   671
NTDB id 1199 PSJM300 12650 AFN78592.1      QVNFSVWRWPQ......ATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                  *! !******      * **! *!!!!*********!*!!*****!*!****   * * ***!**!!!!!**!!***!* !**

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 268269 PRJ RS19935 WP 104962904.1 PRGVLISRGRNNSFGHPHVQVVERYGRHGVVMNDTAVEGALRLVLGRHG..VVEGVRGQRRFWRVRGE...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1      ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                  * *******  ! *!!!!**!* !**  !*** *!*  !!* * *** *  *  ***  *!*!* * *
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X non conserved

X similar

X ≥50% conserved