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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 55795 H045 RS10980 WP 236277538.1  MKTGMFALALGLLALRFLPALP........ATGWLLAMSVLALMLLPFR....TFALAFFLFGVSWACISAQWALDDRLTSALDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLLLLPFR....WRPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                  !*********!***!***!*!*        * **!!!*********!       !!****!* !*** !!**!***!  ***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 55795 H045 RS10980 WP 236277538.1  QTRWLEGRVVGLPQQTSSGVRFELADS.RSRNARLPRRIRVSWHGG....................PAVHSGERWRLAVTLKRPS  137
NTDB id 1199 PSJM300 12650 AFN78592.1      RTFWLEGQVTGLPDRRGDVVRFELEDI.HSRHAGLPSRIRLAWYGG....................PEIRSGERWRLAARLKRPS  137
consensus                                  ** ***! ! *!!* * ***!!** *   ** ***! !*!**!*!*                    !** *!*!!*!***!!!!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA  255
NTDB id 55795 H045 RS10980 WP 236277538.1  GLLNVHGFDHEAWLLAQRIGATGTVKDGERLTPA..............RNAWRDALRQRLMAVDAQGR.EAGLAALVLGDGSGLA  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 55795 H045 RS10980 WP 236277538.1  DEDWQVLQDTGTVHLLVISGQHVGLLAGLIYGLIALLARYGCWPATW.........PWLPWACGLAFVAALGYGLLAGFGVPVQR  283
NTDB id 1199 PSJM300 12650 AFN78592.1      TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLARWGIWPQRL.........PWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                   *!! ****!!**!!*!!!*!****!!!******!*!** *****         !********!***!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 55795 H045 RS10980 WP 236277538.1  ACVMVGLVLLWRLRFRHLGAWWPLLLALNGVLVLEPLASLQPGFWLSFGAVAVLILAFGGR.......L.......GPWSLWQAW  354
NTDB id 1199 PSJM300 12650 AFN78592.1      ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRGR.......L.......GVPSWWRAL  356
consensus                                  ***!***!***!!**!*******!**!* *!****!*!****!*!!!!*!!!*********       *       * **  ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1     ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
NTDB id 55795 H045 RS10980 WP 236277538.1  TRPQWLIAIGLFPLLLILGLPISLSAPLANLIAVPWISLVVLPLALLGTFLLAVPLVGEVVLWLAGGALDLLFQGLALLAGYLPA  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 55795 H045 RS10980 WP 236277538.1   WIPAEVSLGYWLVSLAGAVIVLLPGGVP...FRLLGWPMLLLAVFPPREPVPHGRAEVLQLDVGQGQAIVLRTRHHTLLYDAGPR   521
NTDB id 1199 PSJM300 12650 AFN78592.1       WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                   !** ******! * **! ***!*!*!**    *!**! **!*******   ** !***** *!*!!! *****!* ! !!*!*!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 55795 H045 RS10980 WP 236277538.1   SRAT.DLGARVVLPSLKKLGIASLDLMLISHADADHAGGAAAVVRGLPVKRVVGGETDGL.......PGFLGTQPCLSGERWEWD   598
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWN   600
consensus                                    **  !***!!**!*!* *!*  *!****!!*!*!!!!!* ******!!* *********       *****   !**!*!! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 55795 H045 RS10980 WP 236277538.1   GVSFELWQW......PGAVDGNPKSCVLQVQANGERLLLTGDIDRAAERALLDS..PLAQRTDWLQVPHHGSRSSSSRPFVQQLA   675
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                   *! !*** *      **!* *! *!!!! * *******!*!!!****!*!!***  ** * ***!**!!!!!**!!!* !* ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 55795 H045 RS10980 WP 236277538.1   PTSVLISRGRGNAFGHPHAQVMERYRALGSRVYDSAEHGAVRLQLGA..FQPAQVARAQRRFWREPLR...............   741
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   *  ******  !**!!!!**!* !* * ! ** *****!!* *****  ** *   *  *!*!** *
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X non conserved

X similar

X ≥ 50% conserved