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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 142486 VO64 RS04565 WP 233518712.1 MKTAMLALALGLLALR........WLPALPSGAGVLGMLVLVLMLLPFRTYP....VAFFLLGLSWACISAQWALDDRLRPVLDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLR........FLPQLPSFGWLLALAPVGLLLLPFRWRP....LAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                   !**********!***!*        **!*!** * *!*****  *******!  !    *!***  !* !***  !!**!***!  * **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 142486 VO64 RS04565 WP 233518712.1 QTRWVEGRVIGLPQQTGTSVRFELADS.RSRTARLPKRIRVSWHG....................GPTVNSGERWRLALTLKRPA  137
NTDB id 1199 PSJM300 12650 AFN78592.1       RTFWLEGQVTGLPDRRGDVVRFELEDI.HSRHAGLPSRIRLAWYG....................GPEIRSGERWRLAARLKRPS  137
consensus                                   ** ***! ! *!!* *** *!!** *    ** ***! !*!**!*!                    *!****!*!!*!***!!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA  255
NTDB id 142486 VO64 RS04565 WP 233518712.1 GLLNFHGFDHEAWLLAQRIGATATVKDGERLAPA.............RNAWRDAVRQRLLAVDAQGR.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 142486 VO64 RS04565 WP 233518712.1 PEDWQVLQDTGTVHLLVISGQHIGLLAGLIYGLIALLARHGCWPRTW.........PWLPWACGLAFSGALAYGLLAGFGVPVQR  283
NTDB id 1199 PSJM300 12650 AFN78592.1       TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQRL.........PWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                    *!! ****!!**!!**!!!*!****!!!*******!*!  * ** **        !********!***!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 142486 VO64 RS04565 WP 233518712.1 ACVMVGLVLLWRLRFRHLGVWWPLLLALNAVLALEPLASLQPGFWLSFAAVAALVLAFSVRL..............GPWSAWQVW  354
NTDB id 1199 PSJM300 12650 AFN78592.1       ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRGRL..............GVPSWWRAL  356
consensus                                   ***!***!***!!**!***!***!**!* *!****!*!****!*!!!!*!!!!*********             * ******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALP.EPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
NTDB id 142486 VO64 RS04565 WP 233518712.1 TRPQWLIAIGLFPLLLVLGLPISLSAPVANLVAVPWISLVVLPLALLGTALLWVPLAGDALLWLAGGALDGLFKGLALLAVRLPA  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 142486 VO64 RS04565 WP 233518712.1 WIPAEVPLGYWLVSLAGAVILLLPKGLP...FRLLGWPMLLLAVFPPRESIPHGQVDVVQLDVGQGQALILRTRHHSLLYDAGPR   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 142486 VO64 RS04565 WP 233518712.1 SGPVD.QGARVVLPSLKKLGVGQLDMMLLSHADADHAGGAEAVARGLPVKRVVGGETEGL.......PGFLGTQACASGERWEWD   598
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDFD.IGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWN   600
consensus                                    !***  **!!**!*!* *!*  *!****!!*!*!!!!!**** ***!!* *********       *****  *! *!*!! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 142486 VO64 RS04565 WP 233518712.1 GVAFELWQWA......GASDGNPRSCVLQVEANGERLLLTGDIDRAAEQAFLAS..PLAVPTDWLQAPHHGSRSSSSWPFLQRLA   675
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                   *!*!*** *        *!* *! *!!!! *********!*!!!****! !***   ** * ***!**!!!!!**!!!* !! ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVALISRGYSNAFGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 142486 VO64 RS04565 WP 233518712.1 PASVLISRGRSNAFGHPHPQVMERYQALGSRVYDSAEQGAVRLRLG..TFLPPTVARSQRRFWREPLP...............   741
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLG..AFGGARRMRDEPRFWREK................   741
consensus                                   *  ******  !**!!!!!*!* !*** ! ** **** !!* * **  ***  *  *  *!*!** *
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X non conserved

X similar

X ≥ 50% conserved