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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPV.WQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVL    79
NTDB id 279456 C4J95 RS16160 WP 124358868.1 MRTGMFTLALGLLTLRLLPALPPTGWLLAMLVLAL......MLLPF...RT....YPLAFFLVGLSWACISAQWALDERL    67
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGL......LLLPF...RW....RPLAFFLFGLVWACLNAQWALDDRL    67
consensus                                   !!*********!** !* *!*!** *!**!** ***      *****   !      *!!*** !* !*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQR   159
NTDB id 279456 C4J95 RS16160 WP 124358868.1 RPALDGETRWLEGRVVGLPQQTDTGVRFELADS.RSRKTRLPKRIRVSWHG....................GPPVRSGER   126
NTDB id 1199 PSJM300 12650 AFN78592.1       PVDLDGRTFWLEGQVTGLPDRRGDVVRFELEDI.HSRHAGLPSRIRLAWYG....................GPEIRSGER   126
consensus                                    ****!** ***! ! *!!* *****!!** *    **   **! !*!**!*!                    *!****!*!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      WQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARY   239
NTDB id 279456 C4J95 RS16160 WP 124358868.1 WRLAVTLRRPSGLLNFHGFDHEAWLLAQRIGATGSVKDGERLAPA..............RNAWRDSLRQRLMASDAQT.H   191
NTDB id 1199 PSJM300 12650 AFN78592.1       WRLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.R   193
consensus                                   !*!***!*!!****!* *!! !***!! ***!*!*** !*!** !                  *!!* *!**!** ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAV   319
NTDB id 279456 C4J95 RS16160 WP 124358868.1 EAALAALVLGDGSGLRAEQWQVLQDTGTVHLLVISGQHIGLLAGLIYALVAG.......MARYGCWP..RKLPWLPWACG   262
NTDB id 1199 PSJM300 12650 AFN78592.1       AGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGIWP..QRLPWLPWACG   264
consensus                                   *****!!!*!!*!!*   **! ****!!**!!**!!!*!****!!!**!****       *!!** *!    **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAAR   399
NTDB id 279456 C4J95 RS16160 WP 124358868.1 LAFVAALGYGLLAGFGVPVQRACMMVGLVLLWRLRFRHLGAWWPLLLAFNGVLLLEPLASLQPGFWLSFAAVAILVLTFG   342
NTDB id 1199 PSJM300 12650 AFN78592.1       LAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR   344
consensus                                   *!***!**!**!!!**!!**!***!***!***!!**!*******!**!  *!****!*!****!*!!!!*!!!**** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      IVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PE   478
NTDB id 279456 C4J95 RS16160 WP 124358868.1 GR.......L.......GPWSVWQAWTRPQWLIAVGLFPLLLVLGLPISLTAPVANLFAVPWISLVVLPLALLGTALLWA   408
NTDB id 1199 PSJM300 12650 AFN78592.1       GR.......L.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWV   410
consensus                                   **       *       * ** ***  * !*****!!*!**!*!****!*****!!**!*!**!****!!!!*!**!**
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     PWSQPVLIWAEASFAWLMPWLDALALPG..GSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLAR   556
NTDB id 279456 C4J95 RS16160 WP 124358868.1 PLAGDGLLWLAGGA..LEGWFKMLALMAGQLPAWTPTQVPLAYWLVSLVGAVMLLLPKGVP...FRLLGWPLLLLAVFPP   483
NTDB id 1199 PSJM300 12650 AFN78592.1      PWLGEALLWLAGGL..LAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAP   485
consensus                                  !* ***!*!****   !  ****!!!***  **!*****!***! * **! **!!*!*!**   *!**! *!!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1     APAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTET   636
NTDB id 279456 C4J95 RS16160 WP 124358868.1 RESVPHGQVMVVQLDVGQGQALILRTRHHALLYDAGPRSGSV.DLGARVVVPALKTFGIARLDMLLLSHADADHAGGAAA   562
NTDB id 1199 PSJM300 12650 AFN78592.1      DSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALA   564
consensus                                     ** !   ** *!*!!! *****!* !*!!*!*!!! !** !***!!**! !*  !* **!****!!*!*!!!!!* *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAA   716
NTDB id 279456 C4J95 RS16160 WP 124358868.1 IARGLPIRRVVGGETEGL.......PAFLGAEPCRSGERWEWDGVAFTLWQW......SDAVEGNPKSCVLQVQANGERL   629
NTDB id 1199 PSJM300 12650 AFN78592.1      IQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERL   631
consensus                                  * ***!** ********        ******  !**!*!! !**!*!*** *        !* *! *!!!! * ******

logo
NTDB id 1426 RS RS05575 WP 011001070.1     MLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIER   796
NTDB id 279456 C4J95 RS16160 WP 124358868.1 LLTGDIDSAAERALLD..TPLAVPTDWLQVPHHGSRSSSSWPFVQRLAPRSVLISRGRGNAFGHPHSQVVQRYQAQGSQI   707
NTDB id 1199 PSJM300 12650 AFN78592.1      LLTGDIDAQAERALVD..GGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAEL   709
consensus                                  *!*!!!* **!*!!**  *** * ***!**!!!!!**!!!* !* ****  ******  !**!!!!**!**!*** ! **

logo
NTDB id 1426 RS RS05575 WP 011001070.1     LRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 279456 C4J95 RS16160 WP 124358868.1 YDSAEHGAVRFQLGAFQ..PAIVARSQRRFWREPLP...............   741
NTDB id 1199 PSJM300 12650 AFN78592.1      HDTAEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                   *****!!* *******   *   *  *!*!** *
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X non conserved

X similar

X $\geq$ 50% conserved