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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 279650 C4J87 RS14745 WP 124367384.1 MRTGMFALALGLLTLRFLPALPPT.......GWLLAMLVLALMLVPFRT....YPLAFFLMGLSWACISAQWALDDRLR   68
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPSF.......GWLLALAPVGLLLLPFRW....RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                  !!*********!** !***!*!**         **!!!**********!      *!!*** !* !*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 279650 C4J87 RS14745 WP 124367384.1 PALDGETRWVEGRVVGLPQQTDTGVRFDLADS.RSRKARLPKRIRVSWHG.....................GPPVRSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1      VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDI.HSRHAGLPSRIRLAWYG.....................GPEIRSGERW  127
consensus                                  ****!** ***! ! *!!* *****!!** *    ** ***! !*!**!*!                     *!*****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 279650 C4J87 RS14745 WP 124367384.1 RLAVTLKRPSGLLNFHGFDHEAWLLAQRIGATGSVKDGERLAPA..............RNALRDSLRQRLMAADAQT.HE  192
NTDB id 1199 PSJM300 12650 AFN78592.1      RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                  *!***!!!!***!* *!! !***!! ***!*!*** !*!** !                **!* *!**!***** *  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 279650 C4J87 RS14745 WP 124367384.1 AAVAALVLGDGSGLRTEQWQVLQDTGTVHLLVISGQHIGLLAGLIYALVAG.......MARYGCWP..RNLPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1      GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGIWP..QRLPWLPWACGL  265
consensus                                  ****!!!*!!*!!* ***! ****!!**!!*****!!!!*!****!!!**!****       *!!** *!   **!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 279650 C4J87 RS14745 WP 124367384.1 AFMAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGAWWPLLLAFNAVLLEPLASLQPGFWLSFAAVAILVLTFGG  343
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                  !***!**!**!!!**!!**!***!***!***!!**!*******!**!  *!****!*!****!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALP.EP  479
NTDB id 279650 C4J87 RS14745 WP 124367384.1 R.......L.......GPWSVWQAWTRPQWLIAIGLFPVLLVLGLPISLTAPVANLFAVPWISLVVLPLALLGTALLWLP  409
NTDB id 1199 PSJM300 12650 AFN78592.1      R.......L.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                  *        *        * ** ***   * !*****!!*!**!*!****!*****!!**!*!**!****!!!!*!**!***!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGG..SVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARA   557
NTDB id 279650 C4J87 RS14745 WP 124367384.1 LAGDGLLWLAGGA..LEGWFKGLTLLAGQLPAWTPAEVPLVYWLVSLAGAVLLLLPKGVP...FRLLGWPMLLLAVFPPK   484
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGL..LAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPD   486
consensus                                   * ***!*!****   !  ****!*!**!  **!** **!***! * **! **!!*!*!**   *!**! **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVGQAIDTLVVSHEDSDHAGGTETV   637
NTDB id 279650 C4J87 RS14745 WP 124367384.1 ESVPHGQVTVVQLDVGQGQALILRTRNHALLYDAGPRAGAV.DLGARVVLPSLKKFGVERLDMLLLSHADADHAGGAAAI   563
NTDB id 1199 PSJM300 12650 AFN78592.1       SRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAI   565
consensus                                     ** !   ** *!*!!! *****!* !*!!*!*!!! !** !***!!**!*!*  !****!****!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      MAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAM   717
NTDB id 279650 C4J87 RS14745 WP 124367384.1 ARGLPIRRVVGGETEGL.......PAFLGTEPCISGERWEWDGVSFVLWQW......SGAISGNAKSCVLQVQASGERLL   630
NTDB id 1199 PSJM300 12650 AFN78592.1       QRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLL   632
consensus                                    ***!** *********       *****   !**!*!! !**! ! ** *       *!***!**!!!! * *******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      LAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERL   797
NTDB id 279650 C4J87 RS14745 WP 124367384.1 LTGDIDRAAERALLD..TPLAVPTDWLQAPHHGSRSSSSKPFVQRLAPGSVLISRGRGNAFGHPHSQVVERYRALGSRLY   708
NTDB id 1199 PSJM300 12650 AFN78592.1       LTGDIDAQAERALVD..GGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELH   710
consensus                                   !*!!!****!*!!**  *** * ***!**!!!!!**!!!* !* ****  ******  !**!!!!**!* !* * ! **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      RTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 279650 C4J87 RS14745 WP 124367384.1 DSAEQGAVRLQLGAFQP..AVVARSQRRFWREPLP................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       DTAEHGALSLQLGAFGG..ARRMRDEPRFWREK................   741
consensus                                   **** !!* *******   *   *  *!*!** *
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X non conserved

X similar

X ≥ 50% conserved