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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 205356 BOP93 RS15880 WP 104503393.1 MRTGMFALALGLLTLRFLPALPPT........GWLLAMLVLALMLLPFRT....YPLAFFLLGLSWACISAQWALDDRLR   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 205356 BOP93 RS15880 WP 104503393.1 PALDGETRWVEGRVVGLPQQTDTGVRFELADS.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 205356 BOP93 RS15880 WP 104503393.1 RLAVTLRRPSGLLNFHGVDHEAWLLAQRIGATGSVKDGQRLAPA..............RNALRDSLRQRLMATDAQ.THE  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAAS............SGAWRDRLRQRLLTVEAH.GRA  194
consensus                                   *!***!*!!***!* **! !***!! ***!*!*** ! !** !                **!* *!**!** **    *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 205356 BOP93 RS15880 WP 104503393.1 AALAALVLGDGSGLRAEQWQVLQDTGTVHLLVISGQHIGLLAGLIYALVAG.......MARYGCWP..RHLPWLPWACGL  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 205356 BOP93 RS15880 WP 104503393.1 AFAAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGAWWPLLLAFNGVLLLEPLASLQPGFWLSFAAVAVLILTFGG  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!!**!!**!***!***!***!!**!*******!**!  *!****!*!****!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALP.EP  479
NTDB id 205356 BOP93 RS15880 WP 104503393.1 R.......L.......GPWGLWQAWTRPQWLIAIGLFPILLVLGLPISLTAPLANVFAVPWISLVVLPLALLGTALLWVP  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      WSQPVLIWAEASFAWLMPWLDALALPG..GSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARA   557
NTDB id 205356 BOP93 RS15880 WP 104503393.1 VIGDGLLWLAGGA..LEGWFKVLALLAGQLPAWTPAQVPLVYWLVSLLGALMLLLPKGVP...FRLLGWPMLLLAVFPPR   484
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGL..LAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPD   486
consensus                                   *****!*!****   !  ****!!!***  **!** **!***! * **! **!!*!*!**   *!**! **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETV   637
NTDB id 205356 BOP93 RS15880 WP 104503393.1 ESIPHGQVRVVQLDVGQGQALILRTRNHALLYDAGPRSGAV.DLGARVVLPSLKKLGIERLDMLLLSHADADHAGGAAAI   563
NTDB id 1199 PSJM300 12650 AFN78592.1       SRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAI   565
consensus                                     ** !  *** *!*!!! *****!* !*!!*!*!!! !** !***!!**!*!* *!****!****!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      MAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRLANARYAAM   717
NTDB id 205356 BOP93 RS15880 WP 104503393.1 ARGLPIARVVGGETEGL.......PAFLGTGPCISGERWEWDGVSFVLWQW......SGAISGNPKSCVLQVQAKGERLL   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 205356 BOP93 RS15880 WP 104503393.1 LTGDIDSAAERALLD..TPLAVPTDWLQAPHHGSRSSSSRPFVQRLAPRSVLISRGRGNAFGHPHSQVIERYQAQGSRLY   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 205356 BOP93 RS15880 WP 104503393.1 DSAEHGAVRVQLGAFQ..PAIVARSQRRFWREPLP................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       DTAEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                   *****!!* *******   *   *  *!*!** *
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X non conserved

X similar

X ≥ 50% conserved