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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 385531 F1C79 RS13550 WP 151189707.1 ....MFALALGLLALRWMPALPSGWVLLLLALVALP............LLFTRGYFVGLFLLGFAWACQSAQWALDDRLA   64
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLL............LLPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   *** ******!***!***!*!** * ***!****!*            *!  *   ** ** !**!**  !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 385531 F1C79 RS13550 WP 151189707.1 PELDGRTLWLEGRVEGLPDRSGPSVRFQLAEVS.SPRAKVPATLRLSWFGG....................PPVEGGERW  123
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                   ****!******! ! *!!***** *!! * *** *  ***! **!!*!*!*                     !**  !*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 385531 F1C79 RS13550 WP 151189707.1 RLAVKLKRPHGMANGAGFDYEAWLTAQRIGASGSVKDGQRLEASS............GPRAWREAWRQRLLAVDAHG.RS  190
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 385531 F1C79 RS13550 WP 151189707.1 GALAALVLGDASGLTTADWQVLQDTGTLHLMVISGSHISLLAGLLYALVA.......GLARFGCW..PARVPWLPSACLL  261
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVL.......LLARWGIW..PQRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!***!!! ****!!**!!**!!! !*****!!!**!***       *!!!** *  ! !*!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 385531 F1C79 RS13550 WP 151189707.1 AASGAWAYSLMAGFEVPLQRACVMVSIVLLWRLRYRHRGLWTPLLGALLAVLLVEPLVVLLPGFWLSYAAVALLIFGFSG  341
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   ! **!**! **!!**!!**!***!***!***!!**!*******!* !***!**!*!**** *!*!!!*!!!*********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 385531 F1C79 RS13550 WP 151189707.1 .......RLGR.......WTTWRTWLRAQWLMAVGLLPASIALGLPLSVSGVVANLIAVPWVELVVVPLALLGSLALGVP  407
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLGV.......PSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ****        ** *!* ***!****!!!!****!****!*** *!!**!*!*******!!!!*!*  ! *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 385531 F1C79 RS13550 WP 151189707.1 WLGETLLWVSGGLLELLFRLLGWMAELAPAWQPVAAPIWALVLAMLGALLLLAPAGVP...LRALGLAMFLPVFWPTVPL   484
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   !*** !*!* **** *** !*****  ***!** !*!*!!* !***! **!!*!*!**   *!**! ****!****  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 385531 F1C79 RS13550 WP 151189707.1 PAPGMAEIRVLDVGQGLSVLIRTRSQVWLYDTGARNGDF.DIGERVVVPTLRSLGIGRLDVLMLSHADNDHAGGAMAVKR   563
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ! *! *** **!*!!!***!**!* * *!*!*!*!*!!* !***!!**!*!! *!* **!****!!*!*!!!!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 385531 F1C79 RS13550 WP 151189707.1 SLRPDQVISGEPERL.......PEQLQARPCGI.EEWIIDGVRLSSWAW......AGASESNDRSCALEVEANGERILLT   629
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ****  *****!***       * ***** !  ***! ***! **** *       *!* *! *!!*! ********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 385531 F1C79 RS13550 WP 151189707.1 GDLPQPAELAWLAAHPG..ERVDWLLAGHHGSRSSSGPAFLRAIRPSTAIISRGANNPYGHPHPSVVERFRTLGIRIQDT   707
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGGME..VNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!*   *! !****     * ***!!**!!!!**!!***!! !* *  !*****  ! *!!!!! !* !*   !*** *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 385531 F1C79 RS13550 WP 151189707.1 AEQGALTLTLGAHG.EVR.GVREGAHFWQEN.................   736
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFG.GAR.RMRDEPRFWREK.................   741
consensus                                   ** !!*** *** * **! **** ***! *
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X non conserved

X similar

X ≥ 50% conserved