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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA    80
NTDB id 219115 B2J77 RS06355 WP 078478207.1 MRTGMLALALGLLSLCLVPQLPSV........GWLLMLAAG....AVVSLFTRGWLLGLFLLGFCWACWSAKQAVDDRLA    68
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPSF........GWLLALAPV....GLLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLP    68
consensus                                  !!********!** !  *!*!***        **!!**! *    *** !  *  *!* ** !* !*** !*******!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW   160
NTDB id 219115 B2J77 RS06355 WP 078478207.1 PGLDGRTLWLEGRVAGLPARTAQGVRFELEGAHS.RRADLPQRLQLSWFD....................GPPLRAGEQW   127
NTDB id 1199 PSJM300 12650 AFN78592.1      VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERW   127
consensus                                  ****!******! !**!!*******!!***  *! * ***! !**!*!**                     *!*** !**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA   240
NTDB id 219115 B2J77 RS06355 WP 078478207.1 RLAVTLQRPTGLLNPHGPDREAQLLARRIGASGAVKAGQLLTPA..............AVGWRDGLRERLLAVEAHGR.Q   192
NTDB id 1199 PSJM300 12650 AFN78592.1      RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.A   194
consensus                                  *!***!*!!****!! **! !* *!!****!*! ***! **  !               *!!***! *!!******! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGAL..WMALWRRSFGLARWLRTPLPLRMPAQRAGA   318
NTDB id 219115 B2J77 RS06355 WP 078478207.1 AALVALVLGDGTGLAREDWQALQATGTVHLLVISGQHIGLVAGLLYAVVAWLARWGL...........WPPRLPWLPWAC   261
NTDB id 1199 PSJM300 12650 AFN78592.1      GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGI...........WPQRLPWLPWAC   263
consensus                                  ****!!!*!!**!** *!!  ** !!**!!*!!!!*!****!!!**!** **!*!**          *! !*!******

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAA   398
NTDB id 219115 B2J77 RS06355 WP 078478207.1 VLAMSAALAYGWLAGAGVPVQRACLMLAVVLLWRLRFRHLDAFHPLLLALVAVLLFEPLAALLPGFWLSFGAVATLIYSF   341
NTDB id 1199 PSJM300 12650 AFN78592.1      GLAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIF   343
consensus                                  **!***!**!**!!! *!!**!**!!*!*!***!!**!** ****!**!***!****!*! * *!*!!!!*!!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     RIVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LP   477
NTDB id 219115 B2J77 RS06355 WP 078478207.1 SAR..............LGAWRPWQAWTRAQWVIAVGLLPVLLAVGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLLLP   407
NTDB id 1199 PSJM300 12650 AFN78592.1      RGR..............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLW   409
consensus                                  ***              ***** ***  **!*****!!!!**!*****!!******!!**!*!**!****!!!!*!* *!*
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     EPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARA   557
NTDB id 219115 B2J77 RS06355 WP 078478207.1 LGDAGEALLWLAGGLLDVLFRALALVAQQRPAWVPPAPPLWAWLLVCLGALLLLLPRGVP...LRGLGAVMLLA.LWVPR   483
NTDB id 1199 PSJM300 12650 AFN78592.1      VPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPD   486
consensus                                  *** ***!*!****** *** **!!**   **!***! !*!!! !* *! **!!*!*!**   *!**!***!***!***

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETV   637
NTDB id 219115 B2J77 RS06355 WP 078478207.1 EPVSHGQVEVWQLDVGQGLAVLLRTRQHSLLYDAGPARGEN.DLGERVVLPTLRKLGVDSLDVLLVSHAHADHAGGAGAI   562
NTDB id 1199 PSJM300 12650 AFN78592.1      SRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAI   565
consensus                                    *  !  *** *!*!!!***!**!* ! !!*!*!!* !*  !***!!**!*!! *!** *!****!!***!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1     MAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAM   717
NTDB id 219115 B2J77 RS06355 WP 078478207.1 QRGLPVRRAIGGEPLE.........EVQLQPCVSGESWEWDGVRFSLWRWA......DARTSNDRSCVLLVEASGERLL   626
NTDB id 1199 PSJM300 12650 AFN78592.1      QRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLL   632
consensus                                  ****!!* *****!            ***   !**!**! !**! !*****        ! **! *!!!!*********

logo
NTDB id 1426 RS RS05575 WP 011001070.1     LAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERL   797
NTDB id 219115 B2J77 RS06355 WP 078478207.1 LAGDMEAGAERAWLAAMD..SPRIDWLQSPHHGSRSSSTEAFIRAAAPRGVLISRGRNNSFGHPHAQVVERYRRHGMTLH   704
NTDB id 1199 PSJM300 12650 AFN78592.1      LTGDIDAQAERALVDGGM..EVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELH   710
consensus                                  !*!!*****!*!****     * ***!* !!!!!**!!***!* !*** *******  ! *!!!!**!* !*   !****

logo
NTDB id 1426 RS RS05575 WP 011001070.1     RTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 219115 B2J77 RS06355 WP 078478207.1 DTAVEGALRLVLGAQA.GV.EGMRSQRRFWRDVRDG.............   738
NTDB id 1199 PSJM300 12650 AFN78592.1      DTAEHGALSLQLGAFG.GA.RRMRDEPRFWREK................   741
consensus                                  *!*  !!* * *** * **  ***  *!*!**  *
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X non conserved

X similar

X ≥ 50% conserved