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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 156234 AOC04 RS03050 WP 171970550.1 MHTGMLALASGLIALRFLPGLPPG........GWLLSMLVAGLLLVVFRLY....PPGLFLIGLTWACFQGQAALDDRLS   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSF........GWLLALAPVGLLLLPFRWR....PLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !*********!***!***!*!**         **!!**********!*     *** ** !* !*****! *!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 156234 AOC04 RS03050 WP 171970550.1 AALDGRTLWVEGRVVGLPQKSGASLRFELQDAQ.SRHATLPATIRLSWYGG....................PPLNSGERW  127
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 156234 AOC04 RS03050 WP 171970550.1 RLAVKLKQPRGLLNPQGFDYQAWLLAQRIGATGTVKTGQLLEP..............ATHAWRDGLRKRLLRTDA.NERA  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEA.HGRA  194
consensus                                   *!***!!*! ***!! *!!*****!! ***!*!****! **  *              * *!!***!**!!  **   *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 156234 AOC04 RS03050 WP 171970550.1 PWLAALVMGDSSGLSSEDWKLLQATGTVHLLVISGQHIGLLAGLIYGLIALLAR.......YGWW..PRRLAWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLAR.......WGIW..PQRLPWLPWACGL  265
consensus                                   * **!!!*!! !!****!!**** !!**!!**!!!*!****!!!*******!*!        ** *   ! !**********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 156234 AOC04 RS03050 WP 171970550.1 AFFGALAYGLLAGFGVPVQRACVMLGLVLIWRLRFRHLGGWMPFLVALNAVLIIEPLASLMPGFWLSFTAVAVLMFTFG.  342
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !***!**!**!!!**!!**!***!***!**!!**!*********!* *!****!*!** *!*!!!! !!!**** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 156234 AOC04 RS03050 WP 171970550.1 ......GRLGPWGW.......RVAWTRPQILIALGLFPMLWILGLPVSLSGPLANLVAVPWISLLVLPTALLGTLLLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                    **** **!        **   * !*****!!*!****!***!!*****!!**!*!**!****!*!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 156234 AOC04 RS03050 WP 171970550.1 WLGETLLWVSGGLLDGLIRGLALLAGHLSPWLPAAVPFGVWLLSAFGVLLLLLPAGVI...LRPLGWPLVLLAVFTPCEP   486
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   !*** !*!* **** **  **!!***  * !** !*! **! ! **!***!!*!*!*    *! *! *!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 156234 AOC04 RS03050 WP 171970550.1 IPRGQVEVWQLDVGQGLAIVLRTRNHTLLYDAGPKVRDF.DQGERVVVPVLRSLGVGELDLMLVSHAHLDHAGGALAVQR   565
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!******!* ! !!*!*!!* *!* ! **!!**! !! *!*  *!***!!***!!!!!******

logo
GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
EIGVMRVISGEVSGL.......PEQLRAQPCISGQSWEWDGVRFSLWQW......SAASDSNQRSCVLQVEASDERLLLT   632
AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ***!  ****** **       * ****  !**!!*! !**! !*** *       *!* *!**!!!! **** ****!*

logo
GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
GDIDAQAERALLQ..SPLAVPTRWLQAPHHGSRTSSSADFLKALASQVVLISRGHGNSFGHPHPQVLARYQALGMQALDS   710
GDIDAQAERALVD..GGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****!*!!*   *** * ***!**!!!!!**!!!* !! !***********  ! *!!!!!*!* !*** !** ***

logo
DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
AERGAVRFRLGT..FGNAESLRDQRRFWRD..................   738
AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   ** !!* * ***  ** *  *** *!*!**
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X non conserved

X similar

X ≥ 50% conserved