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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 MHTGMLGLASGMIALRYLPVLPPVGW..LLPMLCAGLFLLFWR..........RFAFGFFLLGLAWACFQGQRAIDDRLP   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGW..LLALAPVGLLLLPFR..........WRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !*********!***!***! !*****  !!**********! *!            ***** !**!*****! *****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 AGLDGRTLWVEGRVVGLAQHADAVVRFELQGARS.RHATLPKTLRLSWYGG....................PRVNTGEHW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                    ***!******! ! *!**  ****!!**    ! *****! **!!*!!!*                     !****!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 RLAVTLKRPRGLLNPQGFDYEAWLLAQRIGATGTVKDGQLLAP..............ASHAWRDRLRQRLLRSDA.NGRA  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 1138981 DQN55 RS06055 WP 074702869.1 PWLAALVMGDGSGLSPEDWKVLQATGTVHLLVISGQHIGLFAGLIYGLIALL.......ARYGAW..PRALPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGIW..PQRLPWLPWACGL  265
consensus                                   * **!!!*!!*!!** *!!**** !!**!!**!!!*!****!!!*******!       !!** *   ! **!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 AFAGALGYGVLAGFEVPVQRACVMLGLVLIWRLRFRHLGLWLPFLLALNAVLIIEPLASLRPGFWLSFTAVAVLIFTFGA  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!*!!!**!!**!***!***!***!!**!*****!****!* *!****!*!** *!*!!!! !!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 .......RLGPWNW.......QAAWVRPQVLISVGLFPVLWILALPISLSGPLANLVAVPWISLLVLPAALLGAVLMPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                    *** * !         ** ** !*****!!*!****!****!*****!!**!*!**!****!*!!*!* ****!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASF.AWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 WLGDGLLWVSGGLLDWLILGLTAL.AGYFSPWSPGSVPISVWALSAVGALIVLLPAGVV...LRPLGWPLVLLAVFMPRE   485
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALI.AGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                   !****!*!* ******!*  ! ** *** * !** **!***!*! **! ***!*!*!*    *! *! *!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 SVPLGQVEVMQLDVGQGLAFVLRTRHHTLLYDAGPKVRNL.DQGERVVVPVLRSLGVQGLDLMLLSHADADHAGGALAVQ   564
NTDB id 1199 PSJM300 12650 AFN78592.1       RPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQ   566
consensus                                    ** !  *** *!*!!!** ***!* ! !!*!*!!* *** ! **!!**! !! *!****!****!!*!*!!!!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAML   718
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 RAFSVARVLSGDAAGL.......PAALQAHPCISGESWEWEGVKFSLWQW......DGARDSNQKSCVLQVEANDERLLL   631
NTDB id 1199 PSJM300 12650 AFN78592.1       RAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLL   633
consensus                                   ****!* *!**** **        ******  !**!**! !**! !*** *        *!  *!**!!!! **** ****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 TGDIDVQAERALLQ..SPLSVPTQWLQAPHHGSRTSSSMVFLKALSADTVLISRGHGNTFGHPHPQVMARYRALGMQVLD   709
NTDB id 1199 PSJM300 12650 AFN78592.1       TGDIDAQAERALVD..GGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                   *!!!* **!*!!*   *** * * *!**!!!!!**!!!**!! !**!* ******  ! *!!!!!*!* !* * !*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 1138981 DQN55 RS06055 WP 074702869.1 SAEQGAVWFRLGA..FDSARGLREQRRFWRG.................   738
NTDB id 1199 PSJM300 12650 AFN78592.1       TAEHGALSLQLGA..FGGARRMRDEPRFWREK................   741
consensus                                   *** !!* * ***  ** ****** *!*!*
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X non conserved

X similar

X ≥ 50% conserved