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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 421117 GZH78 RS22185 WP 163976132.1 MRTGMMALAVGLLAAVFLPALPPV........GLLLVLPWVAL....MLLPFRSYPLAFLLLGFTWAGFNAQMALNDRLP   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSF........GWLLALAPVGL....LLLPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!**** **!*!***        * !!*** ***    **!***  *!!* * !* !* **!! *! **!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 421117 GZH78 RS22185 WP 163976132.1 SRLDGETRWVEGRVVGLPQNAEGVVRFELADA.RSRHDKLPSLMRLAWYA.....................GPEVSSGERW  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 421117 GZH78 RS22185 WP 163976132.1 RLAVKLKRPGGLLNPDAFDYEAWLLAQRIGATGTVKDGQRLAPA..............QWAWRDSIRQRLLAVDAQGR.N  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                   *!**!!!! ***!! *!!*!***!! ***!*!*** ! !** !                *!!* *!**!!**** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 421117 GZH78 RS22185 WP 163976132.1 GALLAALVLGDGSGLSREDWQILQDTGTVHLLVISGQHIGLLAALMYALVAGLARFGFWP.........LRWPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWP.........QRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!** *!! ****!!**!!**!!!*!****!*!**!****!*!*****         *!*!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 421117 GZH78 RS22185 WP 163976132.1 AFTAALGYGLLAGFDVPVRRACVMVVLVLLWRLRFRHLGAWWPLLLAFNGVLLMDPLASLRPGFWLSFVAVAVLIFTFGG  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 421117 GZH78 RS22185 WP 163976132.1 .......RLG.......PWRWWQTWTRAQWLIAIGLCPVLLALSLPISLSGPLANLLAVPWVSFAVLPPALLGTLLLPIP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLG.......VPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ***        ******  **!*****!!*!**!*! ***!*****!!*!!*!**!****!*!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 421117 GZH78 RS22185 WP 163976132.1 YVGEGLLWLAGGLIDGLFRALALIAGRWPAWVAQSMPGWIVALGCIGAVLLLLPRGVP...LRPLGWPLLLVLAFPPRER   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 421117 GZH78 RS22185 WP 163976132.1 LTEGVADVWQLDVGQGLAILIRTRHHTLLYDSGPRFGDF.DLGERVVLPALRKLGVEHLDLMLLSHADADHAGGALAVAK   565
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   *  ! **** *!*!!!**!**!* ! !!*!*!!!*!!* !***!!**! !! *!** *!****!!*!*!!!!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 421117 GZH78 RS22185 WP 163976132.1 GLPVSRVISGDPQGL.......AVALNAEACESGRQWQWDGVAFHLWQWA......EAHDSNQRSCVLQIEANGERLLLT   632
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!!  *****! **       ****** *! *!**! !**!*! ** *        !  *!**!!!! *********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 421117 GZH78 RS22185 WP 163976132.1 GDIDTNAERDLLNSA..LAVPTQWLQAPHHGSRSSSSMALLKVLQPQAVLISRGQGNSFGHPHPTVIARYRKQGIHIHDS   710
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!* **!**!* **  * * * *!**!!!!!**!!!***! ** ********  ! *!!!!! !* !*   !******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 421117 GZH78 RS22185 WP 163976132.1 AEQGAIHLQLGRFE..PARSMRQQRRFWRAPPLPGTEYR.........   747
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFG..GARRMRDEPRFWREK................   741
consensus                                   ** !!* *******   ** **  *!*!*     *
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X non conserved

X similar

X ≥ 50% conserved