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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 421174 GYM54 RS20970 WP 197444518.1 MRAAMLALAAGLLLLRFLPQLPPMWALPLIFITGLALLPL............RVWPGAFFCFGFGWACLSAHWALDDRLP   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPF............RWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!!*******!!***!***!*!**** * **** *!*****            ** **!****!**!*** !***!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 421174 GYM54 RS20970 WP 197444518.1 VDLDGRTFWMEGRVTGLPDISDGVVRFELVDI.SSRHAGLPSRVRLAWYG....................GPTLQAGERW  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 421174 GYM54 RS20970 WP 197444518.1 RLAAKLKRPRGLVNPNSFDYEAWLLAQRIGASGTIKAGERVPLA............QGNQSWRDRLRQRLLAVDAQG.RS  194
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                   *!***!!!! ***!! *!!*!***!! ***!*!****!*!*  !                 !!***!**!!**** * **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 421174 GYM54 RS20970 WP 197444518.1 GAIAALVVGDDSGLSTSDWRILQDTGTVHLMVISGQHVGMLAGLLYGLVALM.......ARWGIWP..PRVAWLPWACGF  265
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGIWP..QRLPWLPWACGL  265
consensus                                   **!*!!!!!! !!****!!*****!!**!!**!!!*!**!*!!!********      !!!***!   !*********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 421174 GYM54 RS20970 WP 197444518.1 ALVGALGYGWLAGFEVPVQRACMMVALVLLWRLRFRHLGVWLPLLIALDGVLLLDPLVSLQPGFWLSFLAVTLLVLIFR.  344
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !***!**!**!!!**!!**!***!*!*!***!!**!***!*!*!**!* *!***!!******!*!!!!*!!*******!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 421174 GYM54 RS20970 WP 197444518.1 ......GRLGSWV.......WWRALGRAQWGMAFGLLPVLLALGLPVSLSGPIANLFAVPLVSALIVPLSLLGTSLLWLP  411
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPS.......WWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                    **** *        **!*****!*****!!!!**!*!***!!*****!!**!*!**! ***!!*!*!* !***!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 421174 GYM54 RS20970 WP 197444518.1 DVGELLLWLAGGLLAFLFDALQWLAGWQPAWLSTSLPLWSWLLVALGMLLILSPSGVP...FRALGWVFFAPLLFPPTNE   488
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *****!*!*********************!*****!*!*! !***!****!*!*!**   *!**! ****!*!***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 421174 GYM54 RS20970 WP 197444518.1 PAVGQAEVWVFDVGQGLAVLVRTRKHALLYDAGPRYGDF.DIGERVVFPSLRALGLADLDLLILSHADSDHSGGAEAIQR   567
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   !  ! *****!!*!!!***!!*!* !*!!*!*!!!*!!* !***!!**!*!!**!*  *!***!!*!!!!*!!******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 421174 GYM54 RS20970 WP 197444518.1 LLPAARVLSGEPER.......LPATLGAEWCRSGDRWEWDQVSFTLWQWP......ESKNSNQSSCVLLVEAAGERLLLT   634
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** *!***!**       *******  !**!*!! !**! !*** **       * **!* !!!!****!*****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 421174 GYM54 RS20970 WP 197444518.1 GDIDAAAEQALIASDMP..LEVRWLLVPHHGSRSSSSAAFIEAASAEGALVSRSLHNAFGHPHPDVVQRLQASNTQLYDT   712
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGGME..VNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****! !!******  * ***!!*!!!!!**!!!**!**!**!**!**** *!**!!!!! !**!*** * ** *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 421174 GYM54 RS20970 WP 197444518.1 AEQGAIRILLGR..FESAQGLRAERRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   ** !!* * ***  ** * *** **!*!***
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X non conserved

X similar

X ≥ 50% conserved