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logo
NTDB id 1426 RS RS05575 WP 011001070.1        MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 392039 GA645 RS19150 WP 152228205.1  ....MFALAVGLLAV........RWLSAIPG.GWVLLLLA...VLALPLLFTRGYFIGLFLLGFAWACQSALWALDDRLA   64
NTDB id 1199 PSJM300 12650 AFN78592.1         MRAGMLALAAGLLLL........RFLPQLPSFGWLLA.LA...PVGLLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                     *** ******!****        ******** ***!****    **!**!  *   ** ** !**!**  !***!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1        PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 392039 GA645 RS19150 WP 152228205.1  RDLDGRTLWLEGRVEGLPDRSGASVRFMLSEVS.SPRAQVPGTLRLSWFDG....................PPVEGGERW  123
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 392039 GA645 RS19150 WP 152228205.1  RLAVKLKRPHGMVNGAGFDYEAWLTAQRIGATGSVKDGQRLETAS............GPPAWREAWRQRLLAVDANG.RS  190
NTDB id 1199 PSJM300 12650 AFN78592.1         RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                     *!**!!!!****!**!!*!****! ***!*!*** ! !*  !                *!!**!**!!**** * **

logo
NTDB id 1426 RS RS05575 WP 011001070.1        PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 392039 GA645 RS19150 WP 152228205.1  GALAALVLGDASGLTTADWQVLQDTGTLHLMVISGSHISLLAGLLYALV.......AGLARWGVW..PARLPWLPCACLL  261
NTDB id 1199 PSJM300 12650 AFN78592.1         GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIW..PQRLPWLPWACGL  265
consensus                                     ****!!!*!!*!!***!!! ****!!**!!**!!! !*****!!!**!**        *!!!!***  ! !*!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1        AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 392039 GA645 RS19150 WP 152228205.1  AATGAWAYSLMAGFDVPLQRACLMVSIVLLWRLRYRQSGLWTPLLGALLAVLMAEPLVVLLPGFWLSYAAVALLIFGFSG  341
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                     ! **!**! **!!**!!**!***!***!***!!**! ******!* !***!****!**** *!*!!!*!!!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1        VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 392039 GA645 RS19150 WP 152228205.1  .......RLGR.......WTAWRTWLRAQWLMAIGLLPASIALGLPLSISGVVANLIAVPWVEMVVVPLALLGCLALGIP  407
NTDB id 1199 PSJM300 12650 AFN78592.1         .......RLGV.......PSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                            ****        ****!* ***!*****!!!!****!****!*** *!!**!*!*******!!!!*!*   ! *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 392039 GA645 RS19150 WP 152228205.1 WLGEALLWVSGGLLELLFRLLTWMAGLAPAWQPLAAPAWALLLAMLGALLLLAPAGVP...LRALGLAMFLPVFWPSVEL   484
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   !****!*!* **** *** !****** ***!** !*!*!!* !***! **!!*!*!**   *!**! ****!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 392039 GA645 RS19150 WP 152228205.1 PPPGQAEVRVLDVGQGLSVLIRTRSQAWLYDTGARNGDF.DIGERVVVPTLRSLGIDHLDLLMLSHADNDHAGGAQAVKN   563
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   !**! *** **!*!!!***!**!* ***!*!*!*!*!!* !***!!**!*!! *!** *!****!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 392039 GA645 RS19150 WP 152228205.1 SLRPPQVISGEPERL.......SPRLQARPCRK.EHWVIDGVNFSSWAW......DGAKESNDRSCVLALEAGGERLLLT   629
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ****  *****!***         ***** !* ***! ***!*!*** *        *!  *! *!!!! *********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 392039 GA645 RS19150 WP 152228205.1 GDLPQAGERAWLAEH..PDVHVDWLLAGHHGSRSSSGPAFVRALGPSVAIFSRGANNPYGHPHPSVVERFRELGIRLHDT   707
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!*  **!*!****    ** ***!!**!!!!**!!***!* !*** *!*****  ! *!!!!! !* !*   !*****!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 392039 GA645 RS19150 WP 152228205.1 AEEGALILMLGAHGEL..RGVREGAHFWQEK.................   736
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGGA..RRMRDEPRFWREK................   741
consensus                                   ** !!*** *** * *  ***** ***! **
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X non conserved

X similar

X ≥ 50% conserved