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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 351184 DCC84 RS25685 WP 134327692.1 ....MFALALGLLALRFLPALP........SGGWLLLMPVLALMLLPFR....TYPLGFFLLGLGWACLSAQWALDDRLA   64
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLLLLPFR....WRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   *** ******!***!***!*!*        * **!!*********!****!      *!**** !**!*** !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 351184 DCC84 RS25685 WP 134327692.1 PHLDGQTRWVEGRVSGLPQQMGDGVRFQLTD.SRSRKDLLPKRIRVSWRG....................GPPVKSGERW  123
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELED.IHSRHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                   * **!** ***! !**!!*  *!**!! * * * ** ***! !*!**!*!                      *!****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 351184 DCC84 RS25685 WP 134327692.1 RLAVTLKRPSGLLNADGFDYEAWLLAQRIGATGSVKDGQLLAP..............ARHAWRDGIRQRLLAVDAQGR.E  188
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHGR.A  194
consensus                                   *!**!!!!***!* *!!*!***!! ***!*!*** ! *** *               *!!***!**!!**** *! *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 351184 DCC84 RS25685 WP 134327692.1 AGLAALVLGDGSGLAAEDWRVLQATGTVHLLVISGQHIGLLAGLIYGLV.......AGLARYGGWPKPLPW..LPWACGL  259
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWPQRLPW..LPWACGL  265
consensus                                   ****!!!*!!*!!** *!!**** !!**!!*!!!*!****!!!*****       *!!!** *! *!**   *******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 351184 DCC84 RS25685 WP 134327692.1 AFAAALGYGLLAGFEVPVQRACVMVGLVLLWRLRFRHLGIWWPLLLALDAVLILEPLASLQPGFWLSFAAVAVLILAFSG  339
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!!**!!**!***!***!***!!**!*******!**!* *!*****!*!****!*!!!!*!!!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 351184 DCC84 RS25685 WP 134327692.1 R.......L.......GPWPLWQAWTRAQWMIAIGLFPLLLVLGLPISLSGPLANLVAVPWISLVVLPLALLGTVLLPLP  405
NTDB id 1199 PSJM300 12650 AFN78592.1       R.......L.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                   *       *       * *  ***  **!*****!!*!**!*!****!*****!!**!*!**!****!!!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 351184 DCC84 RS25685 WP 134327692.1 YIGEGLLWLAGGTLDGLFKALALLAQYLPAWIPAQVPIGYWLVSLLGAVLLLLPKGVP...FRLLGWPMLLLAVFPPRES   482
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   ****!*!**** * *** **!!** * **!** **!***! * **! **!!*!*!**   *!**! **!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 351184 DCC84 RS25685 WP 134327692.1 IPHGLVEVVQLDVGQGLAIILRTRNHALLYDAGPRSGEF.DLGARVVLPALRKLGVAELDVMLLSHADADHAGGALAVAQ   561
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!******!* !*!!*!*!!! !** !***!!**! !! *!*  *!****!!*!*!!!!!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 351184 DCC84 RS25685 WP 134327692.1 GLPVKRVVGGETA.......RLPASLGTQACVSGEQWEWDGVRFELWQWP......DATDGNQMSCVLRLQANGERLLLT   628
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!!* ******        *******  *!**!**! !**! !*** **       !* *!* !!!!** *******!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 351184 DCC84 RS25685 WP 134327692.1 GDIDHDAERALLAT..PMGAPVDWLQAPHHGSRSSSSWAFLQRLAPKAVLISRGRSNGFGHPHPQVLERYQAVGSVIYDS   706
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!*  *!*!!***  ** * ***!**!!!!!**!!!*!! **** *******  !*!!!!!*!* !***  ! ** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEP....TG.AQP......   847
NTDB id 351184 DCC84 RS25685 WP 134327692.1 AEQGALRLRVGT..FQPPLAARSQRRFWREEPPQNSVTKERPLRQDALGQASPSTGPLW   763
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.........................   741
consensus                                   ** !!* * ***  **   * *  *!*!***     *           * * *
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X non conserved

X similar

X ≥ 50% conserved