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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 87700 PszF2a RS13645 WP 221292205.1 MRTWMLALAAGLVLPRFLPALPAQWFCAALAAVGLLL..LLRHRW.........VAPGLFLLGLSWACYQSQSAIDDRLP   69
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLL...LLPFRW.........RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!* *****!!******!*!*  ** **!* **!!   !!* **          ** ** !* !*****! *****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 87700 PszF2a RS13645 WP 221292205.1 ASMDGRTFWIEGRVVGLPSRIGNVVRFELDDIQ.SRHAGLPSKVRLSWYD....................GPLLQAGERW  128
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                     **!******! ! *!!** ****!!*****  ******!***!!*!!*                     *!*** !*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 87700 PszF2a RS13645 WP 221292205.1 RLAARLKRPHGMVNPHAFDYEAWLLARRIGATGTIKAGERLTAST............SSDGWRDQLRARLMA.IPASDRQ  195
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLT.VEAHGRA  194
consensus                                   *!**!!!!!****!! *!!*!***!!****!*!****!*!*  *             ****!!* *! *!** ***  **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 87700 PszF2a RS13645 WP 221292205.1 GAIAALVVGDDSGLSRGDWQVLQDTGTVHLMVISGQHIGMLAGLLYGLVALL.......ARLGA..WPRRLPWLPWACGL  266
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGI..WPQRLPWLPWACGL  265
consensus                                   **!*!!!!!! !!** *!! ****!!**!!**!!!!*!**!*!!!******!       !!**   *! !*!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 87700 PszF2a RS13645 WP 221292205.1 ALSGALAYGWLAGFEVPVRRACLMVTVVLVWRLRFRHLGVWLPLLLALDGVLLIDPLVTLQPGFWLSFGAVAVLALAFSG  346
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!**!!***!***!!**!***!*!*!**!* *!***!!******!*!!!!*!!!** *****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 87700 PszF2a RS13645 WP 221292205.1 .......RL.......GSWRWWMALTRAQWAAALGLLPLLLALGLPVSASGPLANLLAAPWVSL.TVPFALLGTLLLPVA  411
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RL.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          **        * ******* **!*!***!!!!**!*!***!!*****!!*!!*!**!****!*!!*!* *!***
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logo

NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 87700 PszF2a RS13645 WP 221292205.1 GVGEALLSVVGYSLALLFDVLAAIANWQPAWIAVGLPVWALALIGLGVLLLLLPAGIP...LRSLGLLLLLPLLFPPRVE   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 87700 PszF2a RS13645 WP 221292205.1 VPDGRAQVWVLDVGQGLAVFVRTREHALLYDAGPKQGDF.DTGERVVVPSLRTLGVTRLDLLLLSHADNDHSGGADAVQR   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 87700 PszF2a RS13645 WP 221292205.1 LLRVDRVVSGEPSR.......LAPDLGAERCESGSSWQWNDVRFSLWQWQ......MARDSNQHSCVLQIEANGERILLT   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 87700 PszF2a RS13645 WP 221292205.1 GDIDQAAERAWLASE..QRTPSHWLLLPHHGSRSSSSEPFLRGVASHAALISRSLHNAFGHPHPSVVERLEILDIRAYDT   712
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!* **!*!*****   ** * *!!*!!!!!**!!!* !! *!** *!***** *!**!!!!! !* !*   ***  *!

logo

NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 87700 PszF2a RS13645 WP 221292205.1 AVHGAIRIELGS..FSPPRLQRLQRRFWREK.................   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   * *!!* *****  **  *  ** *!*!***
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X non conserved

X similar

X ≥ 50% conserved