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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 MRLGLPALAAGLLALRLLPELPSA........GWLLAAAAA....GLLLLFGRLYWLGLFLLGFAWACVSAQAALDGRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSF........GWLLALAPV....GLLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*****!!***!* *! !**          **!!!*! *    *!**!  **  !* ** !**!*** !! *!* *!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 AELDGRTLWLEGRISGLPVSGNGVTRFQLEDV.SSPREALPARLRLSWRG....................APPLMGGERW  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 371448 IHMA87 RS10145 WP 034078474.1 RLAVNLKRPRGLVNTAGFDYEAWLLAQRIGAIGTVKAGERLRPAS............GLDAWRDAWRQRLLAADTQGR.G  194
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 371448 IHMA87 RS10145 WP 034078474.1 GALAALVLGDGSGLRADEWRMLQDTGTVHLMVISGSHISLLAGMLYGLVAGLFR.......LGC..WPRRLPWLPCACGL  265
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLAR.......WGI..WPQRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!*  **!*****!!**!!**!!! !****!!******!*!*!       **   *! !*!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 ALAGAWGYGLMAGFEVPVRRACLMVSLALLWRLRFRHLGVSRPLLGTLVLVLLAEPLACLQAGFWLSFLAVALLLWLFA.  344
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !*!*!**!***!!**!!**!**!!***!****!!**!***!***!* ****!****!*! ***!*!!!!*!!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 ......GRLGRWRW.......WTAWGRAQWGMALGLAIPSLALGLPLSLSGALANLLAVPWVEMLVVPPALAGSLLLGVP  411
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ****** !        *** ***!*****!!** *!*!****!*****!!*!!*!*******!*!!*!* !* *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 GVGESLLWIAGASLDQLFRLLVLLAGLAGAWQPPAATAWGVALGMLGALCWLAPAGLP...VRGLGALLMLPALAPSLRP   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 371448 IHMA87 RS10145 WP 034078474.1 IEAGYAEVRMLDVGQGLAVLLRTRGHALLYDAGARQGDF.DMGERVVLPVLRSLDLRRLDGLLLSHADNDHAGGAPAVVS   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 371448 IHMA87 RS10145 WP 034078474.1 RFAPGWVVSGEPAR.......LPSSLAARGCA.ERRWEWDGVTFAQWSWA......RADSANDRSCVLRVEARGEVLLLT   633
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 371448 IHMA87 RS10145 WP 034078474.1 GDIARAAEYAWLARQG..EPRVDWLQAPHHGSRSSSGEAFVRRTRPRHVLVSRGWRNAFGHPHAEVVQRYSGIAAQIHDT   711
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGGM..EVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****! !**** *  ** ***!**!!!!!**!!***!* ** *  *******!**!!!!* !**!* * ******!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 371448 IHMA87 RS10145 WP 034078474.1 ARDGALTFTLGRGGE..ARGEREAAHFWREK.................   740
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGG..ARRMRDEPRFWREK.................   741
consensus                                   *  !!*** *** *   *** ** ***!***
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X non conserved

X similar

X ≥ 50% conserved