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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 354286 E4T63 RS20275 WP 135296341.1 MRTGMMALAVGLLVPVFLPVLPP........VGLMMLLPLVGLML.LP...FRSYPLAFLLFGFTWACVSAQWALNDRLP   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVGLLL.LP...FRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!**** **! !**        ** **********  !!    **  *!!* **!* !*** !!**! **!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 354286 E4T63 RS20275 WP 135296341.1 EALDGETRWVEGRVVGLPQTSEGVVRFELADAR.SRHEKLPSLMRLAWYA.....................GPPLNSGERW  127
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 354286 E4T63 RS20275 WP 135296341.1 RLAVKLRRPGGLLNPDAFDYEAWLLAQRIGATGTIKDGQRLAEA..............NWAWRDSIRQRLLAVDAQG.RG  192
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 354286 E4T63 RS20275 WP 135296341.1 GALAALVLGDGSGLSREDWQILQETGTVHLLVISGQHIGMLAAVIYLLVAG.......LARYGWW..PLRWPWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGIW..PQRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!** *!! ****!!**!!**!!!*!**!*!********       !!!** *  !*!*!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 354286 E4T63 RS20275 WP 135296341.1 AFAAALGYGLLAGFDVPVQRACVMVGLMLLWRLRFRHLGAWWPLLLAFDALLLLDPLASLRPGLWLSFAAVGILIFTFGG  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!!*!!**!***!*****!!**!******!**!  *****!!*!** *! !!!!*!!***** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 354286 E4T63 RS20275 WP 135296341.1 .......RLG.......AWKWWQTWTRAQWLIALGLCPVLLALSLPISVSGPLANLLAVPWVSLLVLPPALLGTLLLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLG.......VPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          ***        *******  **!******!!*!**!*! ***!*****!!*!!*!**!****!*!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1     WSQPVLIWAEASF.AWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 354286 E4T63 RS20275 WP 135296341.1 YVGAGLLWLAGGLIDWLFRGL.SLIAGAWPAWISPSLPWWVLLLGSLGALLLLLPRGVP...LRPLGWPLLLILLAPPRE   485
NTDB id 1199 PSJM300 12650 AFN78592.1      WLGEALLWLAGGLLAVLFELL.ALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                  *** *!*!********!*  ! *!**** **!*****! !** !* *! **!!*!*!**   *! *! *!!***! **

logo
NTDB id 1426 RS RS05575 WP 011001070.1     APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 354286 E4T63 RS20275 WP 135296341.1 RVAEGQADVWQLDVGQGLAILIRTRHHALLYDAGPRFGDF.DLGERVVLPALHKLGVNRIDLMLLSHADADHAGGALAVS   564
NTDB id 1199 PSJM300 12650 AFN78592.1      RPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQ   566
consensus                                  **  ! **** *!*!!!***!**!* !*!!*!*!!!*!!* !***!!**! !* *!****!****!!*!*!!!!!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAML   718
NTDB id 354286 E4T63 RS20275 WP 135296341.1 RGLKVTRVISGDPPGLPA.......ILRAEACESGRQWQWDGVRFQLWQW......SAANDSNQRSCVLQIEANGERLLL   631
NTDB id 1199 PSJM300 12650 AFN78592.1      RAMPVGAVLSGEPERLPA.......ALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLL   633
consensus                                  ****!  *****!*****       **** *! *!**! !**! ! ** *       *!  *!**!!!! *********!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 354286 E4T63 RS20275 WP 135296341.1 TGDIDIAAERVLLD..SPLAVPTHWLQAPHHGSRSSSSMVLLRALKPHSVLISRGQGNSFGHPHPLVLARYRQQGLRIYD   709
NTDB id 1199 PSJM300 12650 AFN78592.1      TGDIDAQAERALVD..GGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                  *!!!* **!**!**  *** * * *!**!!!!!**!!!***! !* *  ******  ! *!!!!! !* !* * !*** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1     TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 354286 E4T63 RS20275 WP 135296341.1 SAQHGAIQLRLGS..FQAPWLMRQQRRFWR...................   737
NTDB id 1199 PSJM300 12650 AFN78592.1      TAEHGALSLQLGA..FGGARRMRDEPRFWREK................   741
consensus                                  ** *!!* * ***  ***   **  *!*!*
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X non conserved

X similar

X ≥ 50% conserved