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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 24838 PFL01 RS20970 WP 011335451.1  MRTGMMALAVGLLAPVFLPALP........PVGLLLLLPWVALM....LLPFRSYPLAFLLLGFTWASFNAQLALNDRLPSRLDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLL....LLPFRWRPLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                   !!***********!**** **!*!*         ** !!*** ****    *!***  *!!* * !* !* **!! *! **!*  **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH  170
NTDB id 24838 PFL01 RS20970 WP 011335451.1  ETRWVEGRVVGLPQNAEGVVRFELADAR.SRHEKLPSLMRLAWYA.....................GPEIKSGERWRLAVKLKRPG  137
NTDB id 1199 PSJM300 12650 AFN78592.1       RTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYG.....................GPEIRSGERWRLAARLKRPS  137
consensus                                   ** ***! ! *!!*  ****!!** *   ******!***!!*!!*                     *!****!*!!*!***!!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA  255
NTDB id 24838 PFL01 RS20970 WP 011335451.1  GLLNPDAFDYEAWLLAQRIGATGTVKDGQRLAPA.............QWAWRDSIRQRLLAVDAQGR.NGALAALVLGDGSGLG  207
NTDB id 1199 PSJM300 12650 AFN78592.1       GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.AGAIAALVVGDGSGLS  209
consensus                                   ***!! *!!*!***!! ***!*!*** ! !** !                 *!!* *!**!!**** *! *****!!!*!!*!!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR  340
NTDB id 24838 PFL01 RS20970 WP 011335451.1  REDWQILQDTGTVHLLVISGQHIGLLAALMYALVVGL.......ARVGIW..PLRWPWLPWACGLAFAAALGYGLLAGFDVPVRR  283
NTDB id 1199 PSJM300 12650 AFN78592.1       TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGIW..PQRLPWLPWACGLAFAGALGYGWLAGFEVPVRR  285
consensus                                    *!! ****!!**!!**!!!*!****!*!**!****!       !!****  !*!*!********!*!*!**!**!!!**!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA  425
NTDB id 24838 PFL01 RS20970 WP 011335451.1  ACVMVALVLLWRLRFRHLGAWWPLLLAFDGVLLMDPLASLRPGLWLSFVAVAVLIFTFGG.......RLG.......PWRWWQTW  354
NTDB id 1199 PSJM300 12650 AFN78592.1       ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG.......RLG.......VPSWWRAL  356
consensus                                   ***!*!*!***!!**!*******!*!*!  *!***!!*!** *! !!!!*!!!**** ***        ***         *****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV  509
NTDB id 24838 PFL01 RS20970 WP 011335451.1  TRAQWLIAIGLCPVLLALSLPISLSGPLANLLAVPCVSFAVLPPALLGTLLLPIPYVGEGLLWLAGGLIDGLFRALALIAGRWPA  439
NTDB id 1199 PSJM300 12650 AFN78592.1       LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPA  441
consensus                                   **!*****!!*!**!*!  ***!*****!!*!!*!  *!****!*!!*!* *!**!*****!*!******* *** **!!***   **
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR   594
NTDB id 24838 PFL01 RS20970 WP 011335451.1  WIAASIPGWVLALGCIGALLLLLPRGVP...LRLLGWPLLLVLAFPPRERLSEGVADVWQLDVGQGLAILIRTRHHTLLYDSGPR   521
NTDB id 1199 PSJM300 12650 AFN78592.1       WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                   !*! **!*!***!* *! **!!*!*!**   *!**! *!!*******  **  ! **** *!*!!!**!**!* ! !!*!*!!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 24838 PFL01 RS20970 WP 011335451.1  FGDF.DLGERVVLPALRKLGVEHLDLMLLSHADADHAGGALAVAKGLPVSRVISGDPSGLA.......EALNAEACESGRQWQWD   598
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPERLP.......AALDARSCRTGQRWTWN   600
consensus                                   *!!* !***!!**! !! *!** *!****!!*!*!!!!!**** ***!!  *****! ***        **** *! *!**! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFELLYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 24838 PFL01 RS20970 WP 011335451.1  GVAFHLWQWT......DAHDSNQRSCVLQIEANGERLLLSGDIDSAAERDLLNSA..LAVHTQWLQAPHHGSRSSSSMALLKALQ   675
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                   *!*! ** *        !  *!**!!!! *********!*!!!* **!**!* **  * * * *!**!!!!!**!!!***! !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 24838 PFL01 RS20970 WP 011335451.1  PQAVLISRGQGNSFGHPHPTVIARYRKQGIQIHDSAEQGAIHLQLGRFQ..PARSMRQQRRFWRDPPLPGAEYR.........   747
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGAFG..GARRMRDEPRFWREK.................   741
consensus                                   ********  ! *!!!!! !* !*   !******** !!* *******   ** **  *!*!**    **
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X non conserved

X similar

X ≥50% conserved