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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 MRTGMLALALGLLCLSVLPVLPS........VGWLLVMALTAVVCLAWRTY....PLGLFFLGLCWACLSAQQALDDRLA   68
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVGLLLLPFRWR....PLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                  !!********!** !  *! !**        ***!!**!***** * *!      *!* *  !* !*** !!**!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 CELDGRTLWLEGTVVGLPSQDGRSTRFELQAAQS.RRAVLPSRLQLSWFA....................GPEISSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1      VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                   ***!******! ! *!!*  ** *!!**    ! * ***!*!**!*!**                  *!** *!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1     QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 RLAVTLKRPHGLLNPHGPDREATLLARRIGGTGSVKAGELLAPA..............QRAWRSDVRQRLLQADAQGR.E  192
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 314941 D3Z90 RS07640 WP 136475167.1 GELIALVLGDGAGLARESWQTLQATGTVHLLVISGQHIGLLAGLVYALIALLAR.......LGWW..PQALPWLPWACAA  263
NTDB id 1199 PSJM300 12650 AFN78592.1      GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLAR.......WGIW..PQRLPWLPWACGL  265
consensus                                  * **!!!*!!**!** **!  ** !!**!!**!!!*!****!!!**!****!*!       ** *  !***!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 AFVTALGYGLLAGFQVPVQRACMMLAVVLLWRLRYRHLGMWVPWLLAFNAVLLWEPLASLLPGFWLSFAAVAVLILTFSG  343
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                  !***!**!**!!!* !!**!***!*!*!***!!**!*********!  *!****!*!** *!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 R..............LGAWSAWRAWGRAQWLIALGLLPVLIALGLPVSLTAPLANLFAVPWISLAVLPLALLGTVLLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1      R..............LGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                  *             *******!* ***!******!!!!****!***!!*****!!**!*!**!****!!!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 VVGQGLIWLAGGLLDGLFRLLGLLAHVQPAWIPEALPWPLWLLMCLGAVSLLLPAGLP...MRVLGWPLVMLAVFAPRER   486
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *** *!*!****** *** !**!**  ***!** !*! **! !* *! **!!*!*!**   *!**! *!*****!*  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 VPEGQLEVWQLDVGQGLALVLRTRQHAMLYDAGPVVGDS.DLGERVVLPALRKMGVAKIDLMLLSHADADHAGGALALKA   565
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!******!* !**!*!*!!* !!  !***!!**! !! *!* **!****!!*!*!!!!!**** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRLANARYAAMLA   719
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 GLQVQRVLSGEAAKHA.......EALQAQPCVSGERWQWDGVSFSLWQWQ......GAGDSNQASCVLLVEAAGERLLLT   632
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERLP.......AALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ***!  *!**** ***        ****  !**!*!! !**! !*** *       *!  *!**!!!!****!*****!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 GDIDAAGEQAWLEDW..QASRIDWLQAPHHGSRTSSSQALLTATSPRGVLISRGRYNAFGHPHASVMQRYRTSGIEVFDS   710
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****! !****     * ***!**!!!!!**!!!***! !*** *******  !**!!!!* !**!*   !*!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 314941 D3Z90 RS07640 WP 136475167.1 ALHGALRLRLGT..FGEPLKQRSQRRFWRDSS................   740
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK................   741
consensus                                   * *!!* * ***  **   * *  *!*!**
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X non conserved

X similar

X ≥ 50% conserved