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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 MRSGMIALALGLVALRFLPVLPPIWLLLLMPILALMLLPFRT............YPLALFLLGFTWACVSAQWALKDRLQ   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFRW............RPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!********!***!***! !**** ********!******              *!! ** !* !*** !!**! **!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 QRLDGQTLWLQGKVAGLPSVAEGVVRFELEHATS.RRAKLPALIRVAWYG....................GPEVRSGERW  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 1158497 QWJ11 RS09270 WP 007245834.1 RLAVKLKRPGGLVNPDAFDYQAWLLAQRIGATGTVVDGRRLAPA..............HAAWRDGIRQRLLAVDAQGR.E  192
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 1158497 QWJ11 RS09270 WP 007245834.1 GGLAALVLGDGSGLSSGDWQVLQDTGTVHLLVISGQHIGLLAGVIYALV.......AGLARWGLWP..RALPWLPSACAL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWP..QRLPWLPWACGL  265
consensus                                   ****!!!*!!*!!****!!  ****!!**!!**!!!!*!****!!***!**        *!!!!***!   **!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 AFIAALGYGLLAGFEVPVRRACVMVGMVLLWRLRFRHLGVVWPFLLSFNAVLIVEPLVTLQPGFWLSFAAVGILVLIFS.  342
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFR.  344
consensus                                   !***!**!**!!!**!!**!***!***!***!!**!***! ******  *!**!*!******!*!!!!*!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 ......GRLGTWSW.......WQSWTRAQWLIALGLLPILLALNLPISLSGPFANLLAVPWVSVIVLPPALIGTLLLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       ......GRLGVPSW.......WRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                         **** **!        ***  **!*****!!!!**!*! ***!*****!!*!!*!**!****!*!!*!* *!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEAS.FAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAP   558
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 VVGEGLLWLAGGALQWLFVFLG.WVAEALPAWLPSAVPGWAWLLSLLGAFVLLLPKGVP...LRLLGWPLLLLCVFPPLK   485
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLA.LIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDS   487
consensus                                   *****!*!**** ***!* *!* *** * **!***!*!*!!! ! **!  *!!*!*!**   *!**! *!!*******

logo
NTDB id 1426 RS RS05575 WP 011001070.1      APPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVM   638
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 SVPMGQVEVLQLDVGQGLATLLRTRNHTLLYDAGPRFGEF.DIGQRVVVPAMRKSGVRHLDLMLISHADADHAGGAAAVH   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 1158497 QWJ11 RS09270 WP 007245834.1 RAFPVNRVLGGELTR.......LAPQLDARLCENNERWEWDGVVFSTWRWEQA......PNGNAGSCMLSVDAGGERLLL   631
NTDB id 1199 PSJM300 12650 AFN78592.1       RAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWNQVNFSVWRWPQA......TNGNQASCVLMVEAAGERLLL   633
consensus                                   ***!!  *!**** *        ** ***** !  **!! !**! !***** !*       **!**!!*! *********!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLR   798
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 TGDIDVHAERAAMDS..GFDLRAHWLQAPHHGSRSSSSKRFLQAVAPLGVLISRGQNNAFGHPHPLVMSRYRWLGITHHD   709
NTDB id 1199 PSJM300 12650 AFN78592.1       TGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHD   711
consensus                                   *!!!*  *!*!****  * ** ! *!**!!!!!**!!!* !! !!** *******  !**!!!!! !* !*   !** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      TDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 1158497 QWJ11 RS09270 WP 007245834.1 SAELGAISLQLG..AFGQPRAERAQRRFWRD..................   738
NTDB id 1199 PSJM300 12650 AFN78592.1       TAEHGALSLQLG..AFGGARRMRDEPRFWREK................   741
consensus                                   *** !!******  !**  ** *  *!*!**
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X non conserved

X similar

X ≥ 50% conserved