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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 MRTGMFALALGLLALRFLPALPPTGA..LLAL...VQVALMLLPFR.......TYPLAFFLFGLSWACMSAQWALDDRLR   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGW..LLAL...APVGLLLLPFR.......WRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*****!***!***!*!** *    !!*!    * **!*****!         *!!****!* !**** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 PALDGQTRWLEGRVTGLPQRTDSGVRFELTDS.RSRKARLPTRIRLSWHG....................GPPVRSGERW  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 1162042 U5A08 RS17360 WP 321847669.1 RLAVTLKRPSGLLNFHGVDHEARLLAQRIGATGSVKDGERLAPA..............RNAWRDGVRQRLMAVDAQGR.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 1162042 U5A08 RS17360 WP 321847669.1 AGLAALVLGDGSGLAAEDWRVLQDTGTVHLLVISGQHIGLLAGLIYALVAALARYGCWPRTW.........PWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQRL.........PWLPWACGL  265
consensus                                   ****!!!*!!*!!** *!!*****!!**!!**!!!*!****!!!**!****!*!** ** **         !********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 AFAAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGIWWPLLLAFNGVLILEPLASLQPGFWLSFAAVAVLALTFGG  343
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!**!!!**!!**!***!***!***!**!*******!**!  *!****!*!****!*!!!!*!!!** * ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 ..........RLGW....WSVWQAWTRPQWLIAIGLFPVLLVLGLPISLSAPLANLFAVPWISLVVLPLALLGTALLALP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       ..........RLGV....PSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                   !***     ** ***  * !*****!!*!**!*!****!*****!!**!*!**!****!!!!*!**!* *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 FVGEGLLWLAGGALGGLFKALALLAAQLPAWIPAEVPVGYWLVSLVGAVLLLLPKGVP...FRLLGWPMLLLAVFPPREP   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 1162042 U5A08 RS17360 WP 321847669.1 VPHGQVDVLQLDVGQGQALILRTRHHTLLYDAGPRSGAV.DLGARVVLPSLKKLGIDALDMMLLSHADADHAGGAAAVAS   565
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!! *****!* ! !!*!*!!! !** !***!!**!*!* *!****!***!!*!*!!!!!* **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 GLPIKRVVGGETEGL.......PAFLQTQPCISGEQWVWDGVSFELWQWP......DAISRNPKSCVLQVQANGERLLLT   632
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** ********       *****   !**!**! !**! !*** **       !** ! *!!!! * *******!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 1162042 U5A08 RS17360 WP 321847669.1 GDIDRAAEKAFLASA..LAVPTDWLQAPHHGSRSSSSAPFLQRLAPKSVLISRGRGNAFGHPHPQVVERYQALGSQVYDS   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 1162042 U5A08 RS17360 WP 321847669.1 AEQGAVRLRLGA..FAPPIVARSQRRFWREALP...............   741
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   ** !!* * ***  **      *  *!*!****
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X non conserved

X similar

X ≥ 50% conserved