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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 208585 PverR02 RS19315 WP 079444178.1  ....MFALALGLLALRFLPALP........SAGMLLALAVVALMLLPFRTYP....LAFFLFGLCWACVSAQWALDDRLR   64
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLP........SFGWLLALAPVGLLLLPFRWRP....LAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   *** ******!***!***!*!*        * * !!!*!*********!  !    !!****!* !*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 208585 PverR02 RS19315 WP 079444178.1  PMLDGQTRWLEGRVSGLPQQTDSGVRFELSDS.RSRNARLPARIRLYWHG....................GPPVRSGERW  123
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 208585 PverR02 RS19315 WP 079444178.1  RLAVTLKRPSGLLNFHGVDHEAWLLAQRIGATGSVKDGERLAPA..............RNAWRDAVRQRLMAVDAQGR.E  188
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 208585 PverR02 RS19315 WP 079444178.1  AGLAALVLGGGSGLTADDWRVLQDTGTVHLLVISGQHIGLLAGLIYALVAALARYGCWPRTW.........PWLPWACGL  259
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGIWPQRL.........PWLPWACGL  265
consensus                                   ****!!!*!**!!** *!!*****!!**!!*****!*****!!!**!****!*!** **  **          !********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 208585 PverR02 RS19315 WP 079444178.1  AFTAALGYGLLAGFGVPVQRACVMVGLVLLWRLRFRHLGIWWPLLLAFNGVLILEPLASLQPGFWLSFAAVAVLGLTFGG  339
NTDB id 1199 PSJM300 12650 AFN78592.1       AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!***!***!***!!**!*******!**!  *!****!*!****!*!!!!*!!!** * ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL.PEP  479
NTDB id 208585 PverR02 RS19315 WP 079444178.1  .......RLGR.......WSAWQAWTRPQWLIAIGLFPVLLVLGLPISLSAPLANLFAVPWISLVVLPLALLGTALLAVP  405
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 208585 PverR02 RS19315 WP 079444178.1 FVGAGLLWLAGGALDGLFNALALLAGQLPAWIPAEVPMGYWLVSLVGTVLLLLPKGVP...FRLLGWPMLLLAVFPPREP   482
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSR   488
consensus                                   *** *!*!**** * *** **!!***  **!** **!***! * **!***!!*!*!**   *!**! **!********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 208585 PverR02 RS19315 WP 079444178.1 VPHGQVDVLQLDVGQGLALILRTRHHTLLYDAGPRSGAV.DLGARVVLPSLKRLGVDALDMMLLSHADADHAGGAAAVAR   561
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   ** !  *** *!*!!!******!* ! !!*!*!!! !** !***!!**!*!* *!****!****!!*!*!!!!!* ** *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 208585 PverR02 RS19315 WP 079444178.1 GLSIKRVVGGETEGL.......PALLDTQPCISGEQWAWDGVSFELWQWP......DAVDGNPKSCVLHVQANGERLLLT   628
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 208585 PverR02 RS19315 WP 079444178.1 GDIDRAAEQAFLASA..LAVPTDWLQAPHHGSRSSSSWPFLQRLAPKSVLISRGRGNAFGHPHPQVVERYQALGAQVYDS   706
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!!****! !*****  * * ***!**!!!!!**!!!* !! ****  ******  !**!!!!!*!* !*** !*** **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 208585 PverR02 RS19315 WP 079444178.1 AEQGAVRLRLGA..FAPPIVARSQRRFWREALP...............   737
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   ** !!* * ***  **      *  *!*!****
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X non conserved

X similar

X ≥50% conserved