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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 MRGFWLALAGGLLALRFLPALPPGWVLLGLAGIGVVLLP............WRTRALGVALIGFAWACHCAQVALDDRLD   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLP............FRWRPLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!* ******!***!***!*!** * ***!* *******            ** * !* ** !**!**  !! *!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 PALDGTTRWLQGQVVGLPQQDGGVVRFELVP.AAIEGLRLPGRMRVSWYGG....................LEVRSGETW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELED.IHSRHAGLPSRIRLAWYGG....................PEIRSGERW  127
consensus                                   ****!** ** !*! *!!*  ****!!**       * **! !*!**!!!*                  *****!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 RLAVTLRRPRGLVNPHAFDYEAWLLARHIGATGTVKAGERIKAAE............GPGAWRDDLRQAIQQAEARG.RN  194
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHG.RA  194
consensus                                   *!**!*!! ***!! *!!*!***!!* **!*!****!*!** !               **!!* *!* ** *** * **

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 GTIAALVLGDGSGLSSRDWRHLQDTGTVHLMVISGQHISLLALLLYGAVAAL.......ARLGL..WPTRLPWLPCACAL  265
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLL.......ARWGI..WPQRLPWLPWACGL  265
consensus                                   * !*!!!*!!*!!***!!* ***!!**!!**!!!*!****!*!*******!       !!***  *! !*!*** ****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 ALAGALGYGALAGFDVPVQRACLMTALALLWRLRFRRLGVVTPLLAVLCIVLLVDPLASLRAGFWLSFAAVALLVLVFAG  345
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !*!*!**!* !!!**!!**!**!!*!*****!!**! **! **!* ** *!**!!!*!** *!*!!!!*!!!****!****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALP.EP  479
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 .......RLGSLPA....WR...SAWRAQWALSLALTPALMALALPISLSGPLANLVAVPWVSFVSVPLSLAGTALHAVP  411
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RLGVPSW....WR...ALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          *** * *    !!    ** **!*!****!*!****!****!*****!!**!*!**!****!!*!*!**!   *!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 GLGEGLLWLAGLSLEGLFLLLGWIAEAMPAWQAPALAVWSWGLVLLGCLLLILPPAL...PFRLPGLLLLVLLVWPPLQR   488
NTDB id 1199 PSJM300 12650 AFN78592.1       WLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGV...PLRVLGTLLLAPLLFAPDSR   488
consensus                                   *****!*!***  * *** !***** * **!*!*!***!*!*!***! **!**!***   **!* ! *!!*******  *

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMA   639
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 LAPGTADVRVLDVGQGLAVLVLTEHHALLYDAGPRQGGF.DLGERVVVPALRGLGVRHLDELLLSHADNDHSGGAEAVVR   567
NTDB id 1199 PSJM300 12650 AFN78592.1       PEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQR   567
consensus                                   * *! *** **!*!!!***!! !  !*!!*!*!!!*!** !***!!**! !!**!*  *! **!!*!*!!*!!*****

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLA   719
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 ALSVARVISGEVE.......RLPPGLNAQPCEA.RQWEWDGVHLRTWRWP......EARDSNDRSCVLTLEANGERLHLT   633
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPE.......RLPAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLT   634
consensus                                   ***!* *******       *** ****  ! ****! !**! * *****       !  *! *!!!! ********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 GDLGQAAEAAWVES..GEPLAADWLLAPHHGSRSSSSARLLQAVRPRGALISRGARNAFGHPHPQVLARYRALPAALYDT   711
NTDB id 1199 PSJM300 12650 AFN78592.1       GDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDT   712
consensus                                   !!** **!*!****  ** * !**!!*!!!!!**!!!* *! !! * *!***** *!**!!!!!*!* !* * **** *!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      DATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 79062 PotMrB4 RS08835 WP 172433037.1 AESGALLIRLGTHGE..VSGLRSQARFWREK.................   740
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAFGG..ARRMRDEPRFWREK.................   741
consensus                                   ***!!*** *** *     ****  *!*!***
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X non conserved

X similar

X ≥ 50% conserved