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logo
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 423174 GN234 RS26860 WP 176689315.1 MRTGLVALALGLLAPIFLPALPPLWLIAAMPVVALMALPFRT........YP....LGFFLFGLAWACLSAQFALDDRLS   68
NTDB id 1199 PSJM300 12650 AFN78592.1       MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFRW........RP....LAFFLFGLVWACLNAQWALDDRLP   68
consensus                                   !!*********!**** **!*!**** ********!******          !    !*****!**!*** !!**!***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 423174 GN234 RS26860 WP 176689315.1 VALDGETRWVEGRVVGLPQQGDGVVRFELADAH.SRRTRLPTTLRLAWFG....................GPPVNSGERW  127
NTDB id 1199 PSJM300 12650 AFN78592.1       VDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIH.SRHAGLPSRIRLAWYG....................GPEIRSGERW  127
consensus                                   ****!** ***! ! *!!*  ****!!** * * **  **!***!!*!*!                      *!****!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYA  240
NTDB id 423174 GN234 RS26860 WP 176689315.1 RLAVKLKRPAGLLNPHGFDYSAWLLSRGIGATGTVKDGRLLQ..A............ARGAWRDEVRQALAQVDA.NGRS  192
NTDB id 1199 PSJM300 12650 AFN78592.1       RLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEA.HGRA  194
consensus                                   *!**!!!! **!! *!!*****!** **!*!*** !***  **              **!!* *!* !* ***  ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      PVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVA  320
NTDB id 423174 GN234 RS26860 WP 176689315.1 GALLAALVLGDGGGLTREDWQVLQDTGTVHLLVISGQHIGLLAGLVYLLVAG.......AARYGLWP..AGLAWLPWACAL  263
NTDB id 1199 PSJM300 12650 AFN78592.1       GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGIWP..QRLPWLPWACGL  265
consensus                                   ****!!!*!!**!** *!! ****!!**!!**!!!!*!****!!!******       *!!****!   **********

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 423174 GN234 RS26860 WP 176689315.1 AFCAALGYGLLAGFEVPVRRACTMIGLVLLWRLRFKQPDPWWTWLLAFAGVLVFDPLANLRPGFWLSFAAVAILMFTFGG  343
NTDB id 1199 PSJM300 12650 AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                   !***!**!**!!!**!!**!***!***!***!!*** * *******! **!**!!*! * *!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1      VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 423174 GN234 RS26860 WP 176689315.1 .......RL.......GPWRWWQTWTRAQWLVAVGLCPLLLIVGLPVSLSGPLVNLLAVPWISLLVLPSALLGTALLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1       .......RL.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                          **        * ******  **!*****!!*!**!*****!!******!*!!*!**!****!*!!*!***!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 423174 GN234 RS26860 WP 176689315.1 LIGEGLLWIAGGLLDLLFKGLTLVAGRMPAWVPAAVSTWALGIAALGAFLLLLPKGVP...LRVLGWPMVLLMVFPPQEH   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 423174 GN234 RS26860 WP 176689315.1 LPPGQAEIWQLDVGQGLAVLVRTRRHTLLYDAGPRFGEA.DVGERVVLPTLRKLGVRGLDLMLLSHADADHAGGAPAVRN   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 423174 GN234 RS26860 WP 176689315.1 GLPTREVISGDPDAL.......PAELLAGPCDSGRRWEWDGVGFELWRW......ASAVESNQKSCVLLVEAGGERLLLT   632
NTDB id 1199 PSJM300 12650 AFN78592.1       AMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRW......PQATNGNQASCVLMVEAAGERLLLT   634
consensus                                   **!** *****!***       ******* ! *!*!! !**!*!*****        !* *!**!!!!*********!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRT   799
NTDB id 423174 GN234 RS26860 WP 176689315.1 GDIDIHAERALLDEA..LALPIQWLAAPHHGSRSSSSMALLSRLKPHSVLISRGQGNAFGHPHPQVMARYRRSGLAIYDS   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 423174 GN234 RS26860 WP 176689315.1 AEQGAIRLQLGAF..ELPRTEAGHRRYWRDRPTVGPPGQY........   748
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLGAF..GGARRMRDEPRFWREK.................   741
consensus                                   ** !!* ******  ** *     *!*!***  **  *
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X non conserved

X similar

X $\geq$ 50% conserved