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logo
NTDB id 1426 RS RS05575 WP 011001070.1   MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 64242 X969 RS05525 WP 024086520.1 MRTGMFALALGLLCLGFLPALPS........VGWLVLLAVAGGLGLFTRLW....PLGCFLLGLCWACWSAQQALDDRLATGLDG   73
NTDB id 1199 PSJM300 12650 AFN78592.1    MRAGMLALAAGLLLLRFLPQLPS........FGWLLALAPVGLLLLPFRWR....PLAFFLFGLVWACLNAQWALDDRLPVDLDG   73
consensus                                !!*********!** ! **!*!**        ***!***!*** ***  !*     *!* ** !* !*** !!**!***!* ***!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   KDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKRPH   170
NTDB id 64242 X969 RS05525 WP 024086520.1 RTLWLEGRVVGLPTRTAQGVRFELDAARS.RRAELPQRLQLSWFD....................GPPLRAGEQWRLAVTLQRPA   137
NTDB id 1199 PSJM300 12650 AFN78592.1    RTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG....................GPEIRSGERWRLAARLKRPS   137
consensus                                *******! ! *!!*******!!***   ! * ***! !**!*!**                     *!*** !**!*!***!*!!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   SLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSGIA   255
NTDB id 64242 X969 RS05525 WP 024086520.1 GLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............VAGGWRDTLRQRLLAVDANGR.QAALVALVLGDGAGLA   207
NTDB id 1199 PSJM300 12650 AFN78592.1    GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVEAHGR.AGAIAALVVGDGSGLS   209
consensus                                ***!! **! !* *!!****!*!****! *** *               **!!* *!**!!**** *! ******!!!*!!**!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1   QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR   340
NTDB id 64242 X969 RS05525 WP 024086520.1 REDWQTLQATGTVHLLVISGQHIGLVAGLLYGLV.......AGLARWGLWP..ARLPWLPWACGLAMAAALAYGWLAGGGVPVQR   283
NTDB id 1199 PSJM300 12650 AFN78592.1    TADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVV.......LLLARWGIWP..QRLPWLPWACGLAFAGALGYGWLAGFEVPVRR   285
consensus                                *!!   ** !!**!!*!!!*!***!!!*****        *!!!!***!   !*!********!*!*!**!**!!! *!!**!

logo
NTDB id 1426 RS RS05575 WP 011001070.1   TLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLRGA   425
NTDB id 64242 X969 RS05525 WP 024086520.1 ACLMLAVVLLWRLRFRQLGATLPLLLALVAVLLLEPLAALLPGFWLSFAAVATLVYCFSAR..............LGNWRPWQAW   354
NTDB id 1199 PSJM300 12650 AFN78592.1    ACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRGR..............LGVPSWWRAL   356
consensus                                **!!*!*!***!!**! ****!*!**!***!****!*! * *!*!!!!*!!!**** ****              ** ** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1   ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEPWSQPVLIWAEASFAWLMPWLDALALPGGSV   509
NTDB id 64242 X969 RS05525 WP 024086520.1 TRAQWVIAIGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLLLPLGGVGEALLWLAGGLLDVLFRLLALA.AQQPA   438
NTDB id 1199 PSJM300 12650 AFN78592.1    LYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPA   441
consensus                                **!*****!!!!**!*****!!*****!!**!*!**!****!!!!*!* *!********!*!****** *** !*!!* * ***
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPR   594
NTDB id 64242 X969 RS05525 WP 024086520.1   WLPPAVPLWAWLLVCLGALLVLMPRGVP...LRGLGGVMLLAL.WVPRETVPFGQVEVWQLDVGQGLAVLLRTRHHNLLYDAGPA   519
NTDB id 1199 PSJM300 12650 AFN78592.1       WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                   !***!*!*!!! !* *! ***!*!*!**   *!**!***!*******   ** !  *** *!*!!!***!**!* ! !!*!*!!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 64242 X969 RS05525 WP 024086520.1   RGES.DLGERVVLPTLRKLGVGSLDLMLVSHAHADHAGGAGAIIRGLPVKRVIGGEVL.........DEMRLQPCASGEQWTWD   593
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWN   600
consensus                                    !*  !***!!**!*!! *!*  *!****!!***!!!!!* ******!!* ******            ***   ! *!**!*!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 64242 X969 RS05525 WP 024086520.1   GVRFSLWRWA......DGQSSNDRSCALLVEAQGERLLLAGDMEAGAERAWLAAT..EAPRIDWLQSPHHGSRSSSSEAFIRATA   670
NTDB id 1199 PSJM300 12650 AFN78592.1       QVNFSVWRWP......QATNGNQASCVLMVEAAGERLLLTGDIDAQAERALVDGG..MEVNARWLLAPHHGSNSSSSAVFLAAVA   677
consensus                                   *! !*****         * **! *!!*!*********!*!!*****!*!****   * * ***!* !!!!!**!!!**!* !**

logo
NTDB id 1426 RS RS05575 WP 011001070.1      AQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
NTDB id 64242 X969 RS05525 WP 024086520.1   PRGVLISRGRNNSFGHPHAQVVERYRRHGVVMHDTAEQGALRLVLGR..LGEVESVRRQRRFWRDAGGG..............   737
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGA..FGGARRMRDEPRFWREK.................   741
consensus                                   * *******  ! *!!!!**!* !*   !*****!** !!* * ***  **    **  *!*!***
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X non conserved

X similar

X ≥ 50% conserved