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logo
NTDB id 1426 RS RS05575 WP 011001070.1   MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLAPAWEG   85
NTDB id 55369 B479 RS07500 WP 043936088.1 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 55369 B479 RS07500 WP 043936088.1 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 55369 B479 RS07500 WP 043936088.1 GLLNPHGPDREAQLLARRVGATGTVKAGQLLAP..............VVGGWRDTLRQRLLAVEANGR.QAALVALVLGDGAGLA   207
NTDB id 1199 PSJM300 12650 AFN78592.1    GMVNPSAFDYEAWLLARRIGATGTIKAGERIAEA............ASSGAWRDRLRQRLLTVEAHGR.AGAIAALVVGDGSGLS   209
consensus                                ***!! **! !* *!!****!*!****! *** *              ***!!* *!**!!**** *! *****!!!*!!**!**

logo
NTDB id 1426 RS RS05575 WP 011001070.1   QADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPAQR   340
NTDB id 55369 B479 RS07500 WP 043936088.1 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 55369 B479 RS07500 WP 043936088.1 ACLMLAVVLLWRLRFRQLGATLPLLLALIAVLLVEPLAALLPGFWLSFAAVATLVYCFSAR..............LGSWRPWQAW   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 55369 B479 RS07500 WP 043936088.1 TRAQWVIAIGLLPVLLATGLPVSLSAPLANLVAVPWVSLAVLPLALLGTLLLPLGGVGEALLWLAGGLLDVLFRLLELVAQQQSA   439
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 55369 B479 RS07500 WP 043936088.1   WLPAVLPLWAWLLVCLGTLLVLMPRGVP...LRGLGGVMLLAL.WVPRETVPFGQVEVWQLDVGQGLAVLLRTRHHNLLYDAGPA   520
NTDB id 1199 PSJM300 12650 AFN78592.1       WLASALPLWAWSLVALGTLVLLLPAGVP...LRVLGTLLLAPLLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPR   523
consensus                                   !** **!*!!! !* *!****!*!*!**    *!**!***!*******    ** !  *** *!*!!!***!**!* ! !!*!*!!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      QGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWD   679
NTDB id 55369 B479 RS07500 WP 043936088.1   RGES.DLGERVVLPTLRKLGVGSLDLMLVSHAHADHAGGAGAIMRGLPVERVIGGEL..........LDDLQLQPCVSGEQWMWD   594
NTDB id 1199 PSJM300 12650 AFN78592.1       YGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGALAIQRAMPVGAVLSGEPER.......LPAALDARSCRTGQRWTWN   600
consensus                                    !*   !***!!**!*!! *!*   *!****!!***!!!!!* ******!!   ******             ***    !**!**!  !*

logo
NTDB id 1426 RS RS05575 WP 011001070.1      GVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVS   764
NTDB id 55369 B479 RS07500 WP 043936088.1   GVRFSMWRWA......DGQSSNDRSCVLLVEAQGERLLLAGDMEAGAERAWLAAT..EAPRIDWLQSPHHGSRSSSSEAFIRATA   671
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 55369 B479 RS07500 WP 043936088.1   PRGVLISRGRNNSFGHPHAQVVERYRRHGVVMHDTAEQGALRLVLGR..LGEVEGVRGQRRFWRVRVQ................   737
NTDB id 1199 PSJM300 12650 AFN78592.1       ADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSLQLGA..FGGARRMRDEPRFWREK..................   741
consensus                                   * *******  ! *!!!!**!* !*   !*****!** !!* * ***  **   ***  *!*!* **
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X non conserved

X similar

X ≥ 50% conserved