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logo
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLP.....FR..........WRPLAFFLFGLVWACLNAQWALDD    65
NTDB id 155930 AM586 RS00840 WP 047825929.1 MRSAILGFTAGVLALQSSAALPSAALMLACAAGAVPCILL....ARYAERTRGTACLAACAGVLLGYAWAAWLAHQALAP    76
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQ...PALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSV    77
consensus                                  !!****** !!***!** **!** * *** ! *** ***      ! *   *    ** *!* * !**!* * !***!

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      RLPVDLDGRTFWLEGQVTGLPDRRGDVVRFELEDI..HSRHAGLPSRIRLAWYGG.....................PEIR   122
NTDB id 155930 AM586 RS00840 WP 047825929.1 ALGAADEGRDLSVVGVIDSLPYRFEQGLRFNLLVERSDTPGATVPPRIALSWYADRRG.............EAGLPERLM   143
NTDB id 1426 RS RS05575 WP 011001070.1     VLAPAWEGKDIRATGVVAELPEVTEDATRFLFRIESSD.AGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGI.PDLQ   155
consensus                                   !* * *!*** * !**  !!** ****!! * ** *** ****!*!**!*!!* *                 *** ***

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      SGERWRLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLT.VE   189
NTDB id 155930 AM586 RS00840 WP 047825929.1 PGERWRLTVRLQRPHGNANPGGFDYEAWLLEQGVRATGYVRPAPGNAKL....DPFVPRFGTFVERSRAVLRERILRALD   219
NTDB id 1426 RS RS05575 WP 011001070.1     PGQRWQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALP   235
consensus                                  *!*!!*!**!!*!!***!!**!!*!***!*  **!*!*** * * * *           *  ****!* *! **! ***

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      AHGRAGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLLLARWGI.........WPQRLPWLP   260
NTDB id 155930 AM586 RS00840 WP 047825929.1 GRQYAGVIVALVIGDQRGIDQSDWQVFNRTGIGHLISISGLHITMVAGLAALGVSSLWRRSFFT....GLQLPLRLPAQK   295
NTDB id 1426 RS RS05575 WP 011001070.1     EARYAPVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQR   315
consensus                                  *  *!**!*!!!*!!**!* **!! ****!!* !!**!!!*!**!*!!! ***** !*!***         *!*!*!***

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      WACGLAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLI   340
NTDB id 155930 AM586 RS00840 WP 047825929.1 VAALAGALAALLYVLLAGFGVPAQRTLYMLAVIALALWLGRLSSVSHVLCAALGAVLLLDPWAVLWPGFWLSFGAVAVIL   375
NTDB id 1426 RS RS05575 WP 011001070.1     AGAVAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIF   395
consensus                                   ***** **!*! *!!!**!!**!***!*!******  ! * !** !* !***!***!!*!** *!*!!!!*!!!***

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      WIFR.....GR..LGVPSWW.......RALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSF   406
NTDB id 155930 AM586 RS00840 WP 047825929.1 FGGH.....GRIAARAPGWRE....KLRAAGRTQWSVTLGLVPLSMLLFGQVSLVSPLANAVAIPLVSFVVTPLALLGSL   446
NTDB id 1426 RS RS05575 WP 011001070.1     LAARIVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA   475
consensus                                  ****     *!  ** !*!        *!**** !*****!!*!****!* *!!*****!!**!*!**!****!!!!*!*
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logo
NTDB id 1199 PSJM300 12650 AFN78592.1      LLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAG...VPLRVLGTLLLAPLLF   483
NTDB id 155930 AM586 RS00840 WP 047825929.1 L.PEPLCGWLLLPAHAVVAGLAGALGWLAALPAAVWRAPAPQAWLFLLALGGTLWMLMPRG...WPHRWAGATAWLPLLL   522
NTDB id 1426 RS RS05575 WP 011001070.1     L.PEPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLL   554
consensus                                  ! **!* * *!*** * *****  ! *!**  * *!*!*! **!** !***!****!*!*!   ** !  !*****!*!*

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      APDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGA   562
NTDB id 155930 AM586 RS00840 WP 047825929.1 QVPAYPEHGAFRVTAFDVGQGMALLVETAGHRLLYDTGPGYAPGADAGSRVLLPYLRMRGIGALDGMVVSHGDTDHTGGA   602
NTDB id 1426 RS RS05575 WP 011001070.1     ARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGT   634
consensus                                  *    !* ! *** *!!*!!!***!!*!**!*!!*!*!!**** *!***!!**!*!!  !* **! ***!!*!*!!*!!*

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      LAIQRAMPVGAVLSGEPERLPAA.......LDARSCRTGQRWTWNQVNFSVWRWPQ......ATNGNQASCVLMVEAAGE   629
NTDB id 155930 AM586 RS00840 WP 047825929.1 LALLAEQRIGWVASSLDAGHPIARAAR....RHLHCAAGQRWEWDGVRFEMLHPAASVYADAGPKANARSCTLRIGNGRT   678
NTDB id 1426 RS RS05575 WP 011001070.1     ETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARY   714
consensus                                  ********** ****** ****** **    **    ! *!!!! !**! !*** * *      **  *!**!!*!******

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      RLLLTGDIDAQAERALVDG..GMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGA   707
NTDB id 155930 AM586 RS00840 WP 047825929.1 AILLAGDIEAAQEAALV.RTAPESLRADVLLAPHHGSGTSSTEAFLQAVHPAVGVFQVGYRNRYKHPKKEVYERYGQLGI   757
NTDB id 1426 RS RS05575 WP 011001070.1     AAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGI   794
consensus                                  ***!*!!!****!*!!* * *** * !**!!*!!!!! *!!***!! !! * *********!***!!** !* !*** !*

logo
NTDB id 1199 PSJM300 12650 AFN78592.1      ELHDTAEHGALSLQLGAFG..GARRMRDEPRFWREK.................   741
NTDB id 155930 AM586 RS00840 WP 047825929.1 ERLRTDELGAVTLDFDGAV.AHQAYRTAHARYWSAPPP...............   794
NTDB id 1426 RS RS05575 WP 011001070.1     ERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
consensus                                  !***!** !!****  * * *    **  *!*!*
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X non conserved

X similar

X $\geq$50% conserved