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logo

NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPSF......GWLLALAPVGLLLLPFRW...RPL......AFFLFGLVWACLNAQWALDD    65
NTDB id 202557 BJN34 RS06225 WP 078195829.1 MRRFVVAFVAGCWTLQQQSTLPPQVGLHLGAVVLALIALGMALWGRRLHV.VPHGLALAGLAFGAAFCWAAWRADLRMRD    79
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLA.CLLAMALLRRGARLPRLVPVMAVL..AAACAGFGWSDWRAQQRLSV    77
consensus                                  !!* *****!!** !*  * !**     * *****!******* * !*   *!*   *  *** *** !* **!* ** *

logo

NTDB id 1199 PSJM300 12650 AFN78592.1      RLPVDLDGRTFWLEGQVTGLPDRRGDVVRFELEDIHS.RHAGLPSRIRLAWYG.....................GPEIRSG   124
NTDB id 202557 BJN34 RS06225 WP 078195829.1 WLPTTLEARDLDVRGVVSGLPADAAAGTRFAFTVEQGEAGQPLPRRVILNWRG....................APPDLRPG   140
NTDB id 1426 RS RS05575 WP 011001070.1     VLAPAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPG   157
consensus                                   !*  ****** * !*!**!!*  ****!! * ** **** **! !**! !*!                     * !****!

logo

NTDB id 1199 PSJM300 12650 AFN78592.1      ERWRLAARLKRPSGMVNPSAFDYEAWLLARRIGATGTIKAGERIAEAA............SSGAWRDRLRQRLLTVE..A   190
NTDB id 202557 BJN34 RS06225 WP 078195829.1 QRLALTVRLRRPRGLANPFGFDYAYWLLAQGYGATGYVRSAQGSPQD.....ASGERLAWRIEARRAAVRDHLRAALPKD   215
NTDB id 1426 RS RS05575 WP 011001070.1     QRWQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPE.   236
consensus                                  *!* !**!!*!! ***!! *!!*****!!  **!*!***** *  **       *  ** *****!***! *!*****

logo

NTDB id 1199 PSJM300 12650 AFN78592.1      HGRAGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVLL.......LARWGIWP..QRLPWLPW   261
NTDB id 202557 BJN34 RS06225 WP 078195829.1 ARFGAVLIALVIGDQRGIEADNWKLFRRTGVSHLVAISGLHITMIAGMAGSLAGLLWRHSFGLGRWLRRPLPLWLPARQA   295
NTDB id 1426 RS RS05575 WP 011001070.1     ARYAPVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRA   316
consensus                                  ********!!!*!!**!*  **!*****!!**!!* !!!*!**!*!!* *** ***** ***!*!!** !*****!*  *

logo

NTDB id 1199 PSJM300 12650 AFN78592.1      ACGLAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIW   341
NTDB id 202557 BJN34 RS06225 WP 078195829.1 ALVVAVASALAYGLLAGMQIPALRTVAMLCVAAVAVWGARAPPVSVVLAWAALVALLLDPWAVMLPGFWLSFGAVAVIFF   375
NTDB id 1426 RS RS05575 WP 011001070.1     GAVAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFL   396
consensus                                  * **!*!*!**!**!!!* *!* !***!*********** ! **!** ! *!******!!*!** *!*!!!!*!!!****

logo

NTDB id 1199 PSJM300 12650 AFN78592.1      IFRG.......RLGVPSWWR.......ALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFL   407
NTDB id 202557 BJN34 RS06225 WP 078195829.1 AARPG....RDAVVAGRWQR.LRATLATGARTQWAVTIGLVPLTLLLFGQVSVVSPLANAVAIPVVSLLVTPLALLGAAL   450
NTDB id 1426 RS RS05575 WP 011001070.1     AARIVAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTAL   476
consensus                                  **!       ** *  * ! *     * **** !*!***!!*!**!*!* *!!*****!!**!*!**!****!!!!*!**!
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logo
NTDB id 1199 PSJM300 12650 AFN78592.1        LWVPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGV...PLRVLGTLLLAPLLFA   484
NTDB id 202557 BJN34 RS06225 WP 078195829.1  P.AMLAVPVLAVAHLAMVALAAVLFWLSVLPWAMWEAASAGPLALGLAALGVGLLVAPVAT..ARMRLRGGLLMLPMLLA   527
NTDB id 1426 RS RS05575 WP 011001070.1       P.EPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLA   555
consensus                                    *  **  **!*** ******* !**! *    *!*! *** *!**!***!* *!**!**     *!* !**!**!*!*!

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NTDB id 1199 PSJM300 12650 AFN78592.1        PDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDF.DIGERVVFPSLRQLGLERLDLMMLSHADSDHAGGAL   563
NTDB id 202557 BJN34 RS06225 WP 078195829.1  RGPPVAHGQFRAVMFDVGQGTAVLVRTRSHALLYDAGPAYGSGSSAGAQVVLPWLRGEGIGRLDHLMVSHEDTDHAGGVA   607
NTDB id 1426 RS RS05575 WP 011001070.1       RAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTE   635
consensus                                    *** *  ! *****!!*!!! **!!*!* !*!!*!*!!**!*  *****!**!*!!* !* **!  ***!!*!*!!!!!

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NTDB id 1199 PSJM300 12650 AFN78592.1        AIQRAMPVGAVLSGEPERL.......PAALDARSCRTGQRWTWNQVNFSVWRWP......QATNGNQASCVLMVEAAGER   630
NTDB id 202557 BJN34 RS06225 WP 078195829.1  DVEAAVAVVARSTGAPVGHALLGAQ...AGQWAPCAAGQQWNWDGVRFTVLHPLAEDAQQSAVASNARSCVLRVDTAAHS   684
NTDB id 1426 RS RS05575 WP 011001070.1       TVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFETLYPVQVPSDRAAVSSNARSCVLRTANARYA   715
consensus                                     * ****! *****  ! ****       *** * ! *!!*! !**! !*** **        !* *!**!!!!*** !*

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NTDB id 1199 PSJM300 12650 AFN78592.1        LLLTGDIDAQAERALVDGGM..EVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAE   708
NTDB id 202557 BJN34 RS06225 WP 078195829.1  LLLTGDIGMAQERALIDRLPAGALRADVLVVAHHGSGTSSGAAWVEAVGPSAAVFQLGHANRYRHPGAEVWERYGRARAL   764
NTDB id 1426 RS RS05575 WP 011001070.1       AMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIE   795
consensus                                    **!*!!!* **!*!!***     * !**!***!!!! *!!*****!!** *!*****  !***!!** !* !** ****

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NTDB id 1199 PSJM300 12650 AFN78592.1        LHDTAEHGALSLQLGAFGGARR..MRDEPREWREK.................   741
NTDB id 202557 BJN34 RS06225 WP 078195829.1  RYRTDETGAVTMTTAPSGYALSMFRHAQARYWRARPPAPS............   804
NTDB id 1426 RS RS05575 WP 011001070.1       RLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
consensus                                    * *!***!!*** *** * !**  *   *!*!* *
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X non conserved

X similar

X $\geq$ 50% conserved