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logo
NTDB id 1426 RS RS05575 WP 011001070.1     MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVVLA   80
NTDB id 156327 AK973 RS22625 WP 039013655.1 MRTGLVALALGLLAPIFLPALPPIWLITAMPVLALMVLPFR........TY....PLGFFLFGLAWACLSAQCALDDRLP   68
NTDB id 1199 PSJM300 12650 AFN78592.1      MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFR........WR....PLAFFLFGLVWACLNAQWALDDRLP   68
consensus                                  !!********!**** **!*!**** * ******!******             *!*****!**!*** !! *!***!*

logo
NTDB id 1426 RS RS05575 WP 011001070.1     PAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRW  160
NTDB id 156327 AK973 RS22625 WP 039013655.1 IALDGETRWVEGRVIGLPQQGEGVMRFELADVH.SRRTRLPTAMRLAWFG....................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 156327 AK973 RS22625 WP 039013655.1 RLAVKLKRPSGLLNPHGFDYAAWLLSRGIGATGTIKDGHLLQ..A............ARGAWRDEVRQALAQVDA.HGRS  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 156327 AK973 RS22625 WP 039013655.1 GALAALVLGDGGGLSREDWQVLQDTGTVHLLVISGQHIGLLAGLVYLLVA.......GAARYGLWPV..GLAWLPWACGL  263
NTDB id 1199 PSJM300 12650 AFN78592.1      GAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLYAVVL.......LLARWGIWPQ..RLPWLPWACGL  265
consensus                                  ****!!!*!!**!** *!! ****!!**!!**!!!*!****!!!******       **!!****!*  ***********

logo
NTDB id 1426 RS RS05575 WP 011001070.1     AMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARI  400
NTDB id 156327 AK973 RS22625 WP 039013655.1 AFCAALGYGLLAGFEVPVRRACAMIGLVLLWRLRFKQPDPWWAWLLAFVGVLVFDPLASLRPGFWLSFAAVAILMFTFGA  343
NTDB id 1199 PSJM300 12650 AFN78592.1      AFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVDPLASLQPGFWLSFVAVALLIWIFRG  345
consensus                                  !***!**!**!!!**!!**!***!***!***!!*** * *** ***! **!**!!*!** *!*!!!!*!!!**** ***

logo
NTDB id 1426 RS RS05575 WP 011001070.1     VAADARDDVRRPAWPVRAWRGLRGAARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTA.LPEP  479
NTDB id 156327 AK973 RS22625 WP 039013655.1 R.......L.......GPWRWWQTWTRAQWLVALGLCPLLLIVGLPVSLSGPLVNLLAVPWISLLVLPLALLGTALLPVP  409
NTDB id 1199 PSJM300 12650 AFN78592.1      R.......L.......GVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPLALLGSFLLWVP  411
consensus                                  *        *        * ******  **!*****!!*!**!*****!!******!*!!*!**!***!!!!*!***!**!
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logo
NTDB id 1426 RS RS05575 WP 011001070.1      WSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPA   559
NTDB id 156327 AK973 RS22625 WP 039013655.1 LMGEGLLWIAGGLLDLLFKGLALVAGRMPAWVPAAVPPWALGIAAFGAFLLLLPKGVP...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 156327 AK973 RS22625 WP 039013655.1 LPQGHAEIWQLDVGQGLAVLVRTRRHALLYDAGPRFGEA.DAGERVVLPTLRKLGVRRLDLMLLSHADADHAGGARAVRN   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 156327 AK973 RS22625 WP 039013655.1 GLPTLEVISGDPDAL.......PAELLAGPCDSGRRWEWDGVGFELWRW......ASAVESNQKSCVLVVEAGGERLLLT   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 156327 AK973 RS22625 WP 039013655.1 GDIDTPAERALLDEA..LAVPIQWLAAPHHGSRSSSSMALLSRLKPHSVLISRGQGNAFGHPHPQVMARYRRSGLAIYDS   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 156327 AK973 RS22625 WP 039013655.1 AEQGAIRLLLG..AFGVPRTEAGHRRYWRDPPAVGPPGQY........   748
NTDB id 1199 PSJM300 12650 AFN78592.1       AEHGALSLQLG..AFGGARRMRDEPRFWREK................   741
consensus                                   ** !!* * **  !*** *     *!*!**   **  *
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X non conserved

X similar

X ≥ 50% conserved