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logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  MRTLILGFAAGAAWLQTQASLPPYAGVLLWVIAGMSLLMVLLLRRHARWR...CVVALAAGVALGFYWAAWLAQVAMAPQ   77
NTDB id 1426 RS RS05575 WP 011001070.1       MRALLIGFVAGCMALQTRPALAPVWQPALLGL..ACLLAMALLRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSVV   78
consensus                                    !! !**!! !!*  !!! * !*!   * !  *** *!! * !!!!*!! **** !*!* !* * !! !  ! !!  * *

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  LALADEGQDIIVTGTVASLPYRFEQGVRFNFAVEK.ALGAKVPPLIALSWYAGFR...........DEVTNEVGDVQPGE  145
NTDB id 1426 RS RS05575 WP 011001070.1       LAPAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQ  158
consensus                                    !!*! !! !!  !! !! !!   ! * !! ! *! *  !  !!! * !!!!*   *********** *    **!*!!!

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  RWRLTVRLQRPHGNANPMGFDYEAWLLEQGVRATGYVRPQPRADTPNVRVAAFVPGFGNVVEASRAALRARILRSLEDRQ  225
NTDB id 1426 RS RS05575 WP 011001070.1       RWQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEAR  238
consensus                                    !! !!*!! !!!   !! !!! !  *!   !!! !!! * *!!  * *  !   *! !  !!  !!!*! **!  !**

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  YAGVIVALVVGDQRAIPQSDWQVFNRTGVSHLISISGLHITMIAGLFALGAGALWRRSFFT....DWQLPLRLPAQKVAA  301
NTDB id 1426 RS RS05575 WP 011001070.1       YAPVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGA  318
consensus                                    !!*!!!!!!!!!! *!*! !!  ! !!!*!!*!!!!!!!!!!!!!!*    !!!!!!!  ****  *!!!!*!!!* *!

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  LAGALAAFVYVLLAGFGVPAQRTLYMLLVVALALWLGRITSIVHILCLALGVVVLLDPWAVLWPGFWLSFGTVATMLYAT  381
NTDB id 1426 RS RS05575 WP 011001070.1       VAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAA  398
consensus                                    *!*  !!! !*!!!! !!!!!!!! !!  !!*!    !  ** * !! ! **! !*!!!!* *! !!!!! !! *  !

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  AGRTTA.....P.LPESASRWRRLRAAVALGAHTQYVVTVGLVPLTMLLFSQVSLVSPVANALAIPVISLIVTPLSLAGS  455
NTDB id 1426 RS RS05575 WP 011001070.1       RIVAADARDDVRRPAWPVRAWRGLRGA....ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGT  474
consensus                                          ********* *   !!  !!*!****!* !  !!  !!*!!!*!!!  !!!*!!*!!!!!!!!!*!  * !!!  ! !*

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  LLPAPLCDWLLLLAHAIVQMLAQVLDWLGARRFAVWTAPAPPMWSFCWALFGTAWLLAPRG...WPHRWAGMLGWLPLLT  532
NTDB id 1426 RS RS05575 WP 011001070.1       ALPEPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLL  554
consensus                                     !! ! * **!* !*!    ! * !! !* *   !! !!!*! ! ** !* ! * !! ! !***!**!  ! *  !!*!
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logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  ALPSSPPPGQMWITAFDVGQGMAVLVETHDHRLLYDTGPAYSLDSDGASRVIVPYLRARGISKLDGVIISHSDLDHAGGA   612
NTDB id 1426 RS RS05575 WP 011001070.1       ARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGT   634
consensus                                    !  ** !!!!   * !!!*!!! ! !!!!* !!!!*!!!!      !*! !!!!!!!!**!*  *! ***!! ! !!!!!

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  MSLLENVQVGWLASSLFDGHPAVEARRQARRPYLHCVTGQSWTWEGVHFAMLHPLPASHTDISLKPNARSCTVKITAGKH   692
NTDB id 1426 RS RS05575 WP 011001070.1       ETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARY   714
consensus                                     ***  !*!  *  !!**!!*     !    ** *!! !! ! !*!!*! *!*!** **    * *!!!!! **!  ***

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  AILLAGDIEAAQEAQLLARSLEGELAADVLLAPHHGSGTSSTPAFLNAVHPALAIFQVGHRNRYKHPKPQVYARYGDMGI   772
NTDB id 1426 RS RS05575 WP 011001070.1       AAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGI   794
consensus                                    ! *!!!!!  !!!! !*!   *  ! !!*!! !!!!! !!!**!!! !!** *!*!!!!*!!!! !!*!!!* !!!  !!

logo
NTDB id 216096 BZG29 RS17555 WP 077405614.1  ARLRTDVTGAVVLA.FGDRIEITQYRASRPRYWQGR.................   807
NTDB id 1426 RS RS05575 WP 011001070.1       ERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP   847
consensus                                     !!!!! !!!!!* * !! * *   !  !!!!!   *****************
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X non conserved

X similar

X $\geq$ 50% conserved