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logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  MRTLILGFAAGAAWLQTQASLPPYGGVLLWVTAGVSLLAALLLCRHARWRSCLHSTVALAAGVGLGFYWAAWLAQAAMAP   80
NTDB id 1426 RS RS05575 WP 011001070.1       MRALLIGFVAGCMALQTRPALAPVWQPAL...LGLACLLAMALRRGARLPRLVPVMAVLAAACAGFGWSDWRAQQRLSV   77
consensus                                    !! !**!! !!*  !!! * !*!   * !*** !* *! !* !*!**   **!** *!* !* * !! !  ! !!  * *

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  QLALADEGQDIVVTGTVASLPYRFEQGVRFNFAVEK.AVGAKVPPLIALSWYAGFR...........DEVTNDVGDVQPG  148
NTDB id 1426 RS RS05575 WP 011001070.1       VLAPAWEGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPG  157
consensus                                     !!*! !! !!  !! !! !!   ! * !! ! *! *  !  !!! * !!!!*   *********** *    **!*!!!

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  ERWRLTVRLQRPHGNANPMGFDYEAWLLEQGVRATGYVRPQPRADTPNVRLAAFVPGFGNVVEASRAALRARILRSLEGK  228
NTDB id 1426 RS RS05575 WP 011001070.1       QRWQLTLRLKRPHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEA  237
consensus                                     !! !!*!! !!!   !! !!! !  *!   !!! !!! * *!!  * *  !   *! !  !!  !!!*! **!  !*

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  QYAGVIVALVVGDQRAIPQSDWQVFNRTGVSHLISISGLHITMIAGLFALGAGTLWRRSFFT....GWQLPLRLPAQKVA  304
NTDB id 1426 RS RS05575 WP 011001070.1       RYAPVIVALVVGDQSGIAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAG  317
consensus                                     !!*!!!!!!!!!! *!*! !!  ! !!!*!!!*!!!!!!!!!!!!!!*     !!!!!!  ****  *!!!!*!!!* *

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  ALAGALAAFLYVLLAGFGVPAQRTLYMLLVVAVARWLGRITSIVHILCLALGVVVLLDPWAVLWPGFWLSFGAVATMLYA  384
NTDB id 1426 RS RS05575 WP 011001070.1       AVAAMAAAFAYCLLAGMGVPAQRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLA  397
consensus                                    !*!*  !!! !*!!!! !!!!!!!! !!  !!*!     !  ** * !! ! **! !*!!!!* *! !!!!!!!! *  !

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  TAGRT.....TASM.PPQAGRWRRLRAAVMLGAHTQYVVTVGLVPLTMLLFSQVSLVSPVANALAIPVISLVVTPLSLAG  458
NTDB id 1426 RS RS05575 WP 011001070.1       ARIVAADARDDVRRPAWPVRAWRGLRGA....ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMG  473
consensus                                         *****    ****   !! !!*!****!* !  !! !!*!!!*!!! !!!*!!*!!!!!!!!!*! ! !!! ! !

logo
NTDB id 423379 G3257 RS18230 WP 176375864.1  SLLPAPLSDGLLLLAHAIVQMLAQVLEWLGARRFAVWTAPAPPMWSFCWALFGTAWLLAPRG...WPHRWAGMLGWLPLL  535
NTDB id 1426 RS RS05575 WP 011001070.1       TALPEPWSQPVLIWAEASFAWLMPWLDALALPGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPML  553
consensus                                    * !! ! ! **!* !*!    ! * !* !* *   !! !!!*! ! ** !* ! * !! ! !***!**!  ! *  !!*!
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logo

NTDB id 423379 G3257 RS18230 WP 176375864.1  TALPSSPPPGGMWVTAFDVGQGMAVLVETHGHRLLYDTGPAYSLDSDGASRVIVPYLRARGIAKLDGVIISHSDLDHAGG  615
NTDB id 1426 RS RS05575 WP 011001070.1       LARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLFDTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGG  633
consensus                                     ! ** !!!!   * !!!*!!! ! !!!!*!!!!!*!!!!      !*! !!!!!!!!**!*  *! ***!! ! !!!!!

logo

NTDB id 423379 G3257 RS18230 WP 176375864.1  AMSLLESVQVGWLASSLFDGHPAVEARRELHKPYLHCMAGQRWTWEGVHFAMLHPLPASHADIALKPNARSCTVKITAGK  695
NTDB id 1426 RS RS05575 WP 011001070.1       TETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQRWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANAR  713
consensus                                      ***  !*!  *  !!**!!*     ! !* ** *!*!!!!! !*!!*! *!*!** **   !* *!!!!! **!  **

logo

NTDB id 423379 G3257 RS18230 WP 176375864.1  HSILLAGDIEAAQEAQLLARSAEGDLAADVLLAPHHGSGTSSTQAFLNAVHPTLAIFQVGHRNRYKHPKAQVYARYGEMG  775
NTDB id 1426 RS RS05575 WP 011001070.1       YAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAFLDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARG  793
consensus                                    *  *!!!!!  !!!! !*!  !*  ! !!*!! !!!!! !!!* !!! !!** *!*!!!!*!!!! !!**!!* !!!   !

logo

NTDB id 423379 G3257 RS18230 WP 176375864.1  IARLRTDVEGAVVLA.FGDGIGVTLYRASRPRYWHGR.................  811
NTDB id 1426 RS RS05575 WP 011001070.1       IERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTGAQP  847
consensus                                    ! !!!!!  !!!!* * !!***!   !  !!!!!*  ****************
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X non conserved

X similar

X $\geq$ 50% conserved