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logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  MRTFILGFSAGAFWLQTQAELPAH.AGAALLLACLLFLGLGYTARGGHVVL.RLSLGCLFGVIFGYFWAAFLAHAALSSQLALQD   83
NTDB id 1426 RS RS05575 WP 011001070.1      MRALLIGFVAGCMALQTRPALAPVWQPALLGLACLLAMAL..LRRGARLPRLVPVMAVLAAACAGFGWSDWRAGQRLSVVLAPAW   83
consensus                                   !!  **!! !!*  !!! * !**** *! ! !!!!! **!**  !!**** * * ***! * * !* !  * !*  !!  !!*

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  EGEDITVVGTIASLPYHFEQGVRFNFAVEKAV.SAKVPPLIALSWYAGFRN...........AATNEVGNVQPGERWRLTVRLQR  156
NTDB id 1426 RS RS05575 WP 011001070.1      EGKDIRATGVVAELPEVTEDATRFLFRIESSDAGDAVPPRVRLSWYGLRSWHERQREAEAATDRRAGIPDLQPGQRWQLTLRLKR  168
consensus                                   !! !!   ! *! !! * ! * !! ! *!   *   !!! * !!!!*    ***********     ** *!!! !! !!*!! !

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  PHGNANPMGFDYEVWLLEQGVRATGYVRPQPRADMPNRRLAAFVPGFGNVVEASRAALRARIVRSLEGKQYAGVIVALVVGDQRA  241
NTDB id 1426 RS RS05575 WP 011001070.1      PHSLMNPGGFDGEYAMLADDVRAAGYVYTGKRARNALMGEADAGSGVGLRVERWRAAVRRHLLAALPEARYAPVIVALVVGDQSG  253
consensus                                   !!   !! !!! !  *!   !!! !!! * *!!  *    !   *! !  !!  !!!*! ***  !*   !!*!!!!!!!!! *

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  IPQSDWQVFNRTGVSHLISISGLHITMIAGLFALGAGALWRRSFFI....GWQLPLRLPAQKVAALAGALAAFLYVLLAGFGVPA  322
NTDB id 1426 RS RS05575 WP 011001070.1      IAQADWERFRRTGISHLVSISGLHITMIAGLFGALWMALWRRSFGLARWLRTPLPLRMPAQRAGAVAAMAAAFAYCLLAGMGVPA  338
consensus                                   !*! !!   ! !!!*!!!*!!!!!!!!!!!!!!*    !!!!!!! *****  *!!!!*!!!* *!*!*  !!! !*!!!! !!!!

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  QRTLYMLMVVALALWLGRITSIGHVLCLALGAVVLLDPWAVLWPGFWLSFGAVATMLYAGVGRTAAP......MSAQASRWRRLR  401
NTDB id 1426 RS RS05575 WP 011001070.1      QRTLLMLATVAVARLADRSVPVSLSLCWAAALVALVDPWAVMSAGGWLSFGAVAVIFLAARIVAADARDDVRRPAWPVRAWRGLR  423
consensus                                   !!!! !!  !!*!    !  ** * !! ! * ! !*!!!!!* *! !!!!!!!! *  !*    ! ********  *   !! !!

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  AAVALGAQTQYVVTVGLVPLTMLLFSQVSLVSPVANALAIPVISLIVTPLSLAGSLLPAPLSDGLLLLAHAIVQMLAQVLDWLGA  486
NTDB id 1426 RS RS05575 WP 011001070.1      GA....ARVQLAVTFGLLPLTLLLFQQVSVVSAVANALAIPVVSFVTTPLALMGTALPEPWSQPVLIWAEASFAWLMPWLDALAL  504
consensus                                   *!****!   !   !! !!*!!!*!!!  !!!*!!*!!!!!!!!!*!  * !!!  ! !*  !!  !  !  **!*  !*!     ! *  !!  !*

logo
NTDB id 144458 YQ44 RS10090 WP 071323263.1  RRFAVWTAPAPPMWSFCWALFGTLWLLAPRG...WPHRWAGMLGWLPLLTALPSSPPPGRLWVTAFDVGQGMALLVETHGHRLLY  568
NTDB id 1426 RS RS05575 WP 011001070.1      PGGSVWVAPAAPAWAWGLAVVGVPLLLVPGGYRAWAWRAQGAVLLLPMLLARAPAPPPGEFRMVAFDIGQGAATLVETAGHRLLF  589
consensus                                   *   !! !!!*! ! ** !* ! * !! ! !***!**!  ! *  !!*! ! ** !!!!   * !!!*!!! ! !!!!*!!!!!*
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logo

NTDB id 144458 YQ44 RS10090 WP 071323263.1  DTGPAYGPESDGASRVIVPYLRARGIASLDGAIISHSDLDHAGGAMSLLENIHVGWLASSLSGGHPAIEARRQSGRPYLRCVAGQ   653
NTDB id 1426 RS RS05575 WP 011001070.1      DTGPRQGDLADAADRVIVPYLRGHGVQAIDTLVVSHEDSDHAGGTETVMAGVPVRTMLASLPPGHGLERQARALGIEPAGCVAGQ   674
consensus                                   !!!!  !*  !*! !!!!!!!**!*  *!  **!! ! !!!!!  ***  * !  *  !!**!!*     !  ! **  !!!!!

logo

NTDB id 144458 YQ44 RS10090 WP 071323263.1  SWTWEGVHFAMLHPLPASHDDIALKPNARSCSVKITAGQHAILLAGDIEAAQEAQLVARSAEGELAADVLLAPHHGSGTSSTQAF   738
NTDB id 1426 RS RS05575 WP 011001070.1      RWAWDGVAFEILYPVQVPSDRAAVSSNARSCVLRIANARYAAMLAGDIGRAQEAALIAAEAPERLMADILLVPHHGSRTSSSGAF   759
consensus                                    ! !*!!*! *!*!** **!  !* *!!!!! **!  * *! *!!!!!  !!!! !*!  !*  ! !!*!! !!!!! !!!* !!

logo

NTDB id 144458 YQ44 RS10090 WP 071323263.1  LDAVHPTLAIFQVGHRNRYKHPKAQVYARYGAMGITRLRTDVEGALVLEF.GEGIAVTQYRASRPRYWQGR..............   808
NTDB id 1426 RS RS05575 WP 011001070.1      LDAVSAQVAVFQVGYRNRYGHPHPQVWQRYGARGIERLRTDATGAVVIETRGDALAVRTARSMRPRYWSSALEVAALAETTEPTG   844
consensus                                   !!!!** *!*!!!!*!!!!  !!**!!* !!!! !! !!!!!  !!*!*! *!***!!   !  !!!!!   **************

logo

NTDB id 144458 YQ44 RS10090 WP 071323263.1  ...   808
NTDB id 1426 RS RS05575 WP 011001070.1      AQP   847
consensus                                   ***
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X non conserved

X similar

X $\geq$ 50% conserved