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logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  MKYKYLLLPLAAVSATAGIAAAHVFWVLLLFLLYLLFIIVKTKHHAPVIVCLVSFCVYFFLYTVCDAANVTRYQAGSYTE   80
NTDB id 107 BSU 25570 NP 390435.1              MRNSRLLLPMAAASATAGITAAAYFPAIFLFILFLLIILIKTRHAFLIIVCFFSFILFFVLYAVTDSQNVSSYRQGTYQF   80
consensus                                      !*   !!!!*!! !!!!!! !!* !* * !!*!*!! !**!!*!* **!!!   !!***! !! !*!  !!* !  !*!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  QAVITNIPKVDGAKMSAVIRTHDKEKWAASYKIRSLEEKRLIEQLEPGMRCTFTGSLEQPAHATVPGGFDYKEYLHSQQI  160
NTDB id 107 BSU 25570 NP 390435.1              KAVIDTIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHI  160
consensus                                       !!!  !!!*!! *!! ** ! !!!!!!! !*! !  !!  *  *!!!! !  !!*!! ! !!!!!!*!!! !!!* !*!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  HWLFSVTSIQQCEKSKQPLFKLLNIRKNLISIIRNHVPESSAGIVEALTLGEKFSIEDDILSAYQNLGVVHLMAISGMHV  240
NTDB id 107 BSU 25570 NP 390435.1              HWNYSVTSIQNCSEPENFKYKVLSLRKHIISFTNSLLPPDSTGIVQALTVGDRFYVEDEVLTAYQKLGVVHLLAISGLHV  240
consensus                                      !! *!!!!!!*!  * ** *!*! *!!**!!    **!* ! !!! !!!*!**! *!!**!*!!! !!!!!!*!!!!*!!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  GLITAGLFYALIRIGLTREKAGILLLLFLPVYTLLSGAAPSVLRASLMLGFYIAGTLVKRGIHSSAALSLSYLLLLMFNP  320
NTDB id 107 BSU 25570 NP 390435.1              GILTAGLFYIMIRLGITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVRSATAICLSYIVLLLFNP  320
consensus                                      !**!!!!!! *!!*!*!!!!! !!!!!!!!*! *!*!!!!!!!!! !! ! !*!!*!!!  **!  !**!!!**!!*!!!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  YFLWQAGFQLSFAVSASLILSSSILKKAGKSRLAGLAMASFIAELSSLPFLLYHFQQISLVSFLMNMVLVPFYTLFVIPV  400
NTDB id 107 BSU 25570 NP 390435.1              YHLFEAGFQLSFAVSFSLILSSSIFQQV.KTSLGQLTIVSLIAQLGSLPILLYHFHQFSIISVPMNMLMVPFYTFCILPG  399
consensus                                      !*!* !!!!!!!!!! !!!!!!!!    *!* !* ! * ! !! ! !!! !!!!!*! !**! *!!!**!!!!! ***!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  SVIGFLLLLLSRQMGECLFDMFDLVMKPVHDFITYAASVDLFTMIVSKPDFVSLLLLAVSVFTLFAALEKGGFLKLRKSA  480
NTDB id 107 BSU 25570 NP 390435.1              AVAGVLLLSLSASFGRLFFSWFDLLISWINRLITNIADVDVFTIMIAHPAPVLLFLFTVTIILLLMAIEKRSLSQLMVTG  479
consensus                                       ! ! !!! !!    ! * !  !!!** ***  !!   ! !!*!!*** *! *! ! !  !**  !  !*!!     !  **

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  LFFCAVLAYLICRPYFSPWGEADMLDIGQGDSLFISAPHRKGTVMVDTGGVISYPGESWKEKRHPYSIGEKVLIPFLNGK  560
NTDB id 107 BSU 25570 NP 390435.1              GICCTVMFLLFIYPCLSSEGEVDMIDIGQGDSMFVGAPHQRGRVLIDTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAK  559
consensus                                        *! !*  ! * !* !* !! !!*!!!!!!!*!* !!! *! !**!!!! *!!* !*!*!! !!*!*!!!!!!!!! *!
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logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  GVKKLDALILTHADQDHIGEAGVLIKNHRVKRLIVPVGFVKEPKDQNILNMAKENNIPVAEAKRGDTITAGDLQFQVLSP   640
NTDB id 107 BSU 25570 NP 390435.1              GIKQLDALILTHADQDHIGEAEILLKHHKVKRLVIPKGFVSEPKDEKVLQAAREEGVAIEEVKRGDVLQIKDLQFHVLSP   639
consensus                                      !*! !!!!!!!!!!!!!!!!! *!*!*!*!!!!**! !!! !!!!  *!* !*!  *** ! !!!! *   !!!!*!!!!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  ESSDGRSKNDSSLVLWTVLGGVSWLLTGDLESDGETEVLKTYPKLKADILKAGHHGSKSSTSEAFLKQLQPEAALISAGK   720
NTDB id 107 BSU 25570 NP 390435.1              EAPDPASKNNSSLVLWMETGGMSWILTGDLEKEGEQEVMNVFPNIKADVLKVGHHGSKGSTGEEFIQQLQPKTAIISAGK   719
consensus                                      ! *!* !!! !!!!!!   !!*!!*!!!!!! *!! !!*  *! *!!!*!! !!!!!! !! ! !* !!!!  !*!!!!!

logo
NTDB id 1041409 ACDZ79 RS12155 WP 032873958.1  ENRYHHPHEEVLDRLKVYSVNVLRTDVSGTIQYRFKKGAGTFSVFPPYDIEETRAQEVKKTAD   783
NTDB id 107 BSU 25570 NP 390435.1              NNRYHHPHQKVLQLLQRHSIRVLRTDQNGTIQYRYKNRVGTFSVYPPYDTSDITETN......   776
consensus                                       !!!!!!!  !!  !  *!* !!!!!  !!!!!!*!   !!!!!*!!!!  *     ******
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X non conserved

X similar

X $\geq$ 50% conserved