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logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  MKYKYLLLPLAAVSATAGIAAAHVFWVLLLFLLYLLFIIVKTKQYAPVIVCLVSFCLYFFLYTVCDAANVTRYQAGSYTEQAVIT   85
NTDB id 107 BSU 25570 NP 390435.1           MRNSRLLLPMAAASATAGITAAAYFPAIFLFILFLLIILIKTRHAFLIIVCFFSFILFFVLYAVTDSQNVSSYRQGTYQFKAVID   85
consensus                                   !*   !!!!*!! !!!!!! !!* !* * !!*!*!! !**!!**  **!!!  !!*!*! !! !*!  !!* !  !*!   !!!

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  NIPKVDGAKMSAVIRTHDKEKWAASYKIRSLEEKRLIEQLEPGMRCTFTGSLEQPAHATVPGGFDYKEYLYSQQIHWLFSVTSIE  170
NTDB id 107 BSU 25570 NP 390435.1           TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ  170
consensus                                    !!!*!! *!! ** ! !!!!!!! !*! !  !!  *  *!!!! !  !!*!! ! !!!!!!*!!! !!!! !*!!! *!!!!!

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  QCEKSKQPLFKLLNIRKNLISIIRNHVPESSAGIVEALTLGERFSIEDDILSAYQNLGVVHLMAISGMHVGLITAGLFYALIRIG  255
NTDB id 107 BSU 25570 NP 390435.1           NCSEPENFKYKVLSLRKHIISFTNSLLPPDSTGIVQALTVGDRFYVEDEVLTAYQKLGVVHLLAISGLHVGILTAGLFYIMIRLG  255
consensus                                   *!  * ** *!*! *!!**!!    **!* ! !!! !!!*!*!! *!!**!*!!! !!!!!!*!!!!*!!!**!!!!!! *!!*!

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  LTREKAGILLLLFLPVYTLLSGAAPSVLRASLMLGFYIAGTLVKRGIHSSAALSLSYLLLLLFNPYFLWQAGFQLSFAVSASLIL  340
NTDB id 107 BSU 25570 NP 390435.1           ITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVRSATAICLSYIVLLLFNPYHLFEAGFQLSFAVSFSLIL  340
consensus                                   *!!!!! !!!!!!!!*! *!*!!!!!!!!! !! ! !*!!*!!!  **!  !**!!!**!!!!!!!*!* !!!!!!!!!! !!!!

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  SSSILKKAGKSRLAGLAMASLIAELSSLPFLLYHFQQISLVSFSMNMVMVPFYTLFVIPVSVIGFLLLLLSRQMGECLFGMFDLV  425
NTDB id 107 BSU 25570 NP 390435.1           SSSIFQQV.KTSLGQLTIVSLIAQLGSLPILLYHFHQFSIISVPMNMLMVPFYTFCILPGAVAGVLLLSLSASFGRLFFSWFDLL  424
consensus                                   !!!!    *!* !* ! * !!!! ! !!! !!!!!*! !**! *!!!*!!!!!! ***!  ! ! !!! !!   ! * !  !!!*

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  MKPVHDFITYAASVDLFTMIVSKPDFLSLLLLAVSVFTLFAALEKGGFLKLRKSALFFCAVLAYLICRPYFSPWGEADMLDIGQG  510
NTDB id 107 BSU 25570 NP 390435.1           ISWINRLITNIADVDVFTIMIAHPAPVLLFLFTVTIILLLMAIEKRSLSQLMVTGGICCTVMFLLFIYPCLSSEGEVDMIDIGQG  509
consensus                                   * ***  !!  ! !!*!*** *! ** ! !  !**  !  !*!!    !  **  *! !*  ! * !* !* !! !!*!!!!!

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  DSLFISAPHRKGTVMVDTGGVIAYPGESWKEKRHPYSIGEKVLIPFLNGKGVKKLDALILTHADQDHIGEAGVLIKNHRVKRLIV  595
NTDB id 107 BSU 25570 NP 390435.1           DSMFVGAPHQRGRVLIDTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKGIKQLDALILTHADQDHIGEAEILLKHHKVKRLVI  594
consensus                                   !!*!* !!! *! !**!!!! * !* !*!*!! !!*!*!!!!!!!! *!!*! !!!!!!!!!!!!!!!! *!*!*!*!!!!**
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logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  PVGFVKEPKDQNILNMAKENNIPVAEAKRGDTITTGDLQFQVLSPESSDGRSKNDSSLVLWTVFGGVSWLLTGDLESDGETEVLK   680
NTDB id 107 BSU 25570 NP 390435.1           PKGFVSEPKDEKVLQAAREEGVAIEEVKRGDVLQIKDLQFHVLSPEAPDPASKNNSSLVLWMETGGMSWILTGDLEKEGEQEVMN   679
consensus                                   ! !!! !!!!  *!* !*!  *** ! !!!! *   !!!!*!!!!! *!* !!! !!!!!!   !!*!!*!!!!!! *!! !!*

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  TYPNLKADILKAGHHGSKSSTSEAFLKQLQPEAALISAGKENRYHHPHEEVLDRLKAYSVNVLRTDISGTIQYRFKKGAGTFSVF   765
NTDB id 107 BSU 25570 NP 390435.1           VFPNIKADVLKVGHHGSKGSTGEEFIQQLQPKTAIISAGKNNRYHHPHQKVLQLLQRHSIRVLRTDQNGTIQYRYKNRVGTFSVY   764
consensus                                    *!!*!!!*!! !!!!!! !! ! !* !!!!  !*!!!!! !!!!!!!  !!  !  *!* !!!!!  !!!!!!*!   !!!!!*

logo
NTDB id 358353 SB21 RS12270 WP 032866696.1  PPYDIEETRAQEVKKTAD   783
NTDB id 107 BSU 25570 NP 390435.1           PPYDTSDITETN......   776
consensus                                   !!!!  *     ******
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X non conserved

X similar

X ≥ 50% conserved