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logo

NTDB id 162761 WT60 RS17505 WP 038744449.1  MKASLQLRLSQHLALTPQLQQSIRLLQLSTLELQQEVATAIAQNPLLENDDDWIASPLRVAADGSVIAQTPASPAPEPMQGASNG   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                   !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!  !*  !!!!! * *!* ** !**!!!!! !  * !* ! !   ****

logo

NTDB id 162761 WT60 RS17505 WP 038744449.1  TSATNE..RTERDEPAGVDEYDSYSADSGDANQWNLDDFGRSPAASDDDDLPPMQIHETSTSLRDHLMAQLRVTQASPRDRALVT  168
NTDB id 1425 RS RS02020 WP 011000369.1      ANGADHADTAEASYENGSDF...DSDYGTERSDWSLDDFARKPQS.DEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVI  166
consensus                                     *  ***  !   * ! ! *** !    *   ! !!!!*! !  *!*!! *!!!**!  ** !**!! !! *   !!!!**!!

logo

NTDB id 162761 WT60 RS17505 WP 038744449.1  FLIESLDDDGYLAAPLDEVLSDLPAELEVDVDELSAALALLHSFDPAGVGARSASECLKLQLLRLDPSPTRALALDIVSQHLELL  253
NTDB id 1425 RS RS02020 WP 011000369.1      FLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD.SPAKPLALTIVNQHLELL  250
consensus                                   !!!!!!!!*!!!  **!!!*! !!!!!!!!**!!!  !!!  *!*!!!!!!*!!!!!  !!!  !!!  !!!*!!  **!!!  !!  !!!!!!

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NTDB id 162761 WT60 RS17505 WP 038744449.1  AARDFTRLRKQLKATDDELRDAHALIRSLEPFPGAAYGKAEADYVVPDIIVKKTGQNWQAELNPEVVPRLRINHLYANILRNSRG  338
NTDB id 1425 RS RS02020 WP 011000369.1      AARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRG  335
consensus                                   !!!!*!!!*! !   ! !!* !! !!!!! !!!!*!*!*!!!!*!!!!**!*!!*  ! ! !!!*!*!!!!!!**!!*!!! !!!

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NTDB id 162761 WT60 RS17505 WP 038744449.1  DPSTGSLKQQLQEARWLIKNIQQRFETILRVAQAIVERQKNFFAHGEIAMRPLVLREIADTLGLHESTVSRVTTGKYMLTPFGTL  423
NTDB id 1425 RS RS02020 WP 011000369.1      ESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTF  420
consensus                                   **  * ! ! !!!!!!!!!!!!!!!!*!!!!! !!!!!!!! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!! !!! !! !!

logo

NTDB id 162761 WT60 RS17505 WP 038744449.1  EFKYFFGSHVSTDTGGAASSTAIRALIKQLIGAEDPKSPLSDSRIAELLAEQGFVVARRTVAKYREALKIPAVNLRKSL  502
NTDB id 1425 RS RS02020 WP 011000369.1      ELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                   ! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved