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logo

NTDB id 69622 UNDYM RS02385 WP 162039596.1  MKQSLQLRTSQHLALTPQLQQSIRLLQLSTLELHQELETLLTDNPMLERVDDPLDHAVRLLADGAINTSSTSADAGMEA..PAAR   83
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                   !!!!!!!! !!!!!!!!!!!!!!!!!!!!*!!*!!*!  !!*!!*!!!  **!!*  !* !!! *!   *!   *** **!**

logo

NTDB id 69622 UNDYM RS02385 WP 162039596.1  EDSDKSAEPAAADAET.VISNDSTTSSEEDWGFDDVQHGSKSGDDEDGRPQLGAAHITLREHLLEQMRLNLREPRDRALVELMID   167
NTDB id 1425 RS RS02020 WP 011000369.1      ANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFLIE   170
consensus                                        *!**! !  ! *        *   !!  !!  * * ! *!* ***!!  !**! !!*!*!!* *    !!!**!!  *!*

logo

NTDB id 69622 UNDYM RS02385 WP 162039596.1  ALDNNGYLTETLDEIHASLPLELCVEPEELAFALNMLQSFDPAGVGARSPSECLALQIRRLPKVAFVTRRLALQIVETQLTLFAQ   252
NTDB id 1425 RS RS02020 WP 011000369.1      SLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP...AKPLALTIVNQHLELLAA   252
consensus                                    !!   !!!! *!!!!*! !! !!*!!**!!  !! !!!!!!!!!*!!!!* !!! !!* !!* **** **!!! !!   *! ! !

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NTDB id 69622 UNDYM RS02385 WP 162039596.1  RDFTKLKKIFDCDDEDLRDAQTVIRLCKPRPGLAFAADESDYVVPDVIVRKSGNGWQVMLNQDVMPRLRVSSMYANIMKQNRGEA   337
NTDB id 1425 RS RS02020 WP 011000369.1      RDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRGES   337
consensus                                   !!*!*!!!   *!! *!* !* *!! * ! !!*!!*  ! !*!!!!!*!!!** !!   !!*!!!!!!!*  !!!*!**  !!!

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NTDB id 69622 UNDYM RS02385 WP 162039596.1  GM...GAQLQEARWLIKNMRQRFETILRVAQAIVERQRNFFTHGAVAMRPLVLREIADTLGLHESTISRVTTQKYMLTPHGMFEL   419
NTDB id 1425 RS RS02020 WP 011000369.1      GAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFEL   422
consensus                                   !  ***   !!!!!!!!!!* !!!*!!!!! !!!!!!!* !!!!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! !!*! !!!

logo

NTDB id 69622 UNDYM RS02385 WP 162039596.1  KYFFGSHVATETGGEASSTAIRALIKQLIGAEDQKSPLSDSKIADMLGEQGMVIARRTVAKYREALKIPPVSLRKSL   496
NTDB id 1425 RS RS02020 WP 011000369.1      KYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                   !!!!!!!! !!!!! !!!!!!!!!!!!!*!!!!!*! !!!!!*!!**!!!!! !*!!!!!!!!!!!!!!!!*! !!!!!
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X non conserved

X similar

X ≥ 50% conserved