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logo

NTDB id 1111911 GJA RS22590 WP 038496881.1  MKQSLQLRTSQHLALTPQLQQSIRLLQLSTLELHQELEQLLTDNPLLERLDDPLDHSLRLLSDGALSPLSAPSEGPP....QPPG   81
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                   !!!!!!!! !!!!!!!!!!!!!!!!!!!!!*!!*!!*!! !!*!!!!!!  **!!*! !*  !! * *!  *!  !******!!*

logo

NTDB id 1111911 GJA RS22590 WP 038496881.1  QDGAGPDAPGAAEAEHFEGEGASETSTAADNTDSDWSEAGRSKAPD...DEDARPQLEASHCTLREHLMEQVRVTVLELRDRALV  163
NTDB id 1425 RS RS02020 WP 011000369.1      ANGA..DHADTAEAS.Y..ENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLV  165
consensus                                     !!**!**  !!! ****! *!*  *      !!!!     * ! ***!* !**!!   * ! !!*!!!!* *  ! *!!**!!

logo

NTDB id 1111911 GJA RS22590 WP 038496881.1  ELIIDALDDNGYLEEPLEEILARLPAELEIDPDELHIALSLLQSFDPPGVGARNASECLALQIKRLPHIALVTRRMALQIVEQHL  248
NTDB id 1425 RS RS02020 WP 011000369.1      IFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP...AKPLALTIVNQHL  247
consensus                                     *!* !!! !!!  *!*!!!! !!!!!!***!!!* !! *!!!!!!*!*!!! ! !!! !!* !!****** ***!! !! !!!

logo

NTWFAQRDFNKLKKALACDDEDLREAQAVIRQCNPHPGAVFASDVSDYVVPDVVVKRSRNGWQVSLNHDVMPRLRVNAMYANLLKQ  333
NTDB id 1425 RS RS02020 WP 011000369.1      ELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRS  332
consensus                                     ! !!* *!!!!! *!! *!* !* *!! * !*!!* !*    !*!!!!!!!***  !!   !! !!!!!!!*! !!!**!*

logo

NTDB id 1111911 GJA RS22590 WP 038496881.1  GKGEG...AMGAQLQEAKWLIKNMRQRFDTILRVAQAIVERQKNFFSHGAVAMRPLVLREIADTLGLHESTISRVTTQKYMLTPH  415
NTDB id 1425 RS RS02020 WP 011000369.1      SRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPM  417
consensus                                    *!! *** *   !!!!*!!!!!* !!!!!!!!! !!!!!!!! !!*!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! !!*

logo

NTDB id 1111911 GJA RS22590 WP 038496881.1  GMFELKYFFGSHVATEAGGEASSTAIRALIVQLTGAEDPKNPLSDSKIADMLGEQGMVIARRTVAKYREALKIPPVSLRKSL  497
NTDB id 1425 RS RS02020 WP 011000369.1      GTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                   ! !!!!!!!!!!! !! !! !!!!!!!!!! !! !!!!!!!!!!!!*!!**!!!!! !*!!!!!!!!!!!!!!!!*! !!!!!
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X non conserved

X similar

X ≥50% conserved