```
logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  MKASLQLRLSQHLALTPQLQQSIRLLQLSTLELQQEVATAIAQNPLLENDDDWIASPLRVAADGSVIAQTPASSAPEPMAGAPNG   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                   !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!  !*  !!!!! * *!* ** !**!!!!! !  * !  ! !   *!**

logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  TAATNERTERDETAGVDEYDSYSADGGDASQWNLDDFGRSPAASDDDDLPPMQIHETSTSLRDHLMAQLRVTQASPRDRALVTFL  170
NTDB id 1425 RS RS02020 WP 011000369.1      ANGADHA.DTAEASYENGSDFDSDYGTERSDWSLDDFARKPQS.DEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFL  168
consensus                                     *  * **  !       !  !  ! * ! ! !!!!*! !  *!*!! *!!!**!  ** !**!! !! *   !!!!**!! !!

logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  IESLDDDGYLSASLEEVLADLPAELEVDVDELNAALALVHSFDPAGVGARSASECLKLQLLRLDPSPTRALALDIVSQHLELLAA  255
NTDB id 1425 RS RS02020 WP 011000369.1      IESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD.SPAKPLALTIVNQHLELLAA  252
consensus                                   !!!!!!*!!!**!!*!*!!!!!!!!!!!**!!!*!!! ***!!!!!!*!!!!! !!! !!! !!!*!! **!!! !! !!!!!!!!

logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  RDFTRLRKQLKATDDALRDAHALIRSLEPFPGAAYGKAEADYVVPDIIVKKAGQNWQAELNPEVVPKLRINNLYANILRNSRGDP  340
NTDB id 1425 RS RS02020 WP 011000369.1      RDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRGES  337
consensus                                   !!*!!!*! !   !  !* !! !!!!! !!!!*!*!*!!!!*!!!!**!*! *  ! ! !!!*!*!*!!!! *!!*!!! !!!**

logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  SAGSLKQQLQEARWLIKNIQQRFETILRVAQAIVERQKNFFAHGEIAMRPLVLREIADTLGLHESTVSRVTTGKYMLTPFGTLEF  425
NTDB id 1425 RS RS02020 WP 011000369.1      GAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFEL  422
consensus                                    !* ! ! !!!!!!!!!!!!!!!!*!!!!! !!!!!!!! !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!! !!! !! !! !

logo

NTDB id 131624 NM78 RS01025 WP 004195216.1  KYFFGSHVSTDTGGAASSTAIRALIKQLIGAEDPKSPLSDSRIAELLAEQGFVVARRTVAKYREALKIPAVNLRKSL  502
NTDB id 1425 RS RS02020 WP 011000369.1      KYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                   !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved