```
logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  MKPTLQLRLGQSLTMTPQLQQAIRLLQLSTLELQQEIQQALENNPLLEQEESEVQETSPE...EPVDASQLDSSDAMAQE   77
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLEREENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !!**!!!!! !*! *!!!!!! !!!!!!!!*!!!!!* !!!  !!!!! !   *  * * *** *! ! !  !  *** !

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  QMPDE.............LPVDTTWDEVYSAGTAQ......SAGPIHDG..EDSVYQGETTENLQDYLLWQMRLTPFSDV  136
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPR  160
consensus                                     *!* ************ *  * *!  !      ******   ! *! **  **   !  *   **!* !* * * !*

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  DAAIALAIIDAIDESGYLTVELEDILQAVSSDALEVELDEVEAVLKRVQHFDPVGIAARSVQECLLIQLGQYDPQTPWLN  216
NTDB id 1425 RS RS02020 WP 011000369.1       DKGLVIFLIESLDDEGYLTGSLDEILADLP.AELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAK..P  237
consensus                                    ! ** * *!* *!* !!!!  !**!!  ***  !!!!!!!* ! !* *!*!!! !!*!!!  !!! *!!   !** ****

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  EAKEVLLEHMDLLGNRDYRTLARKTKLKESDLKSVLDLIQLLEPRPGNGIIQSDSQYVIPDVSVVKKGSKWVVELNPDSS  296
NTDB id 1425 RS RS02020 WP 011000369.1       LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVRKTAAGWMAQLNPDVM  317
consensus                                     !  **  !**!!* !!!  ! *   * * *!!  **!!  ! ! !!**    *  *!*!!! ! ! *  !*  !!!!

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  PRIRVNETYAAMARNARSGTDTQFIRSHLQEAKWFIKSLESRNDTLLKVACCIVEQQQGFFEYGEEAMKPMVLNDIAEAV  376
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                    !!*!*!* !! * !  !  *    *  *!!!!*! !! *  ! !!*!*! **!!! !  !! *!! !!*!*!! *!!* *

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  EMHESTISRVTTQKYMHTPRGIFELKFFFSSHVNTEGGGECSSTAIRALIKKLVTAENPAKPLSDSKIADLLAEQGIMVA  456
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                     *!!!!!!!!!!*!!!*!! ! !!!!*!! !!! !! !! *!!!!!!!!!! !! !! !  !!!!!*!!*!!*!!! *!!

logo

NTDB id 250315 CK911 RS18850 WP 098971865.1  RRTIAKYRESLFIAPSNQRKRLV   479
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!*!!!!! ! !** ! !! !*
```

X non conserved
X similar
X $\geq$ 50% conserved