```
logo

NTDB id 67222 SCL RS10890 WP 096361237.1  MKQSLDLKLGQHLTITPQLQQAIRLLQLSSIELQQEIQEALESNPLLEENEREDETPEAK............NETELPA....SD   69
NTDB id 1425 RS RS02020 WP 011000369.1    MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                 !!!!! !*! !!! *!!!!!! !!!!!!!*!!!!!!*  !!  !!!!!      *!*   ************  !*!! *****

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  TADANGEDSGESSYDEAEALPATDSDTGPDADSDADWDETFEPMTAPTASRSASDDDYPDIDARNSPPQTLRDHLLWQMQMTPFS  154
NTDB id 1425 RS RS02020 WP 011000369.1    ANGADHADTAEASYENGSDF...DSDYGT...ERSDWSLDD..FA..RKPQ.SDEDDRAPMQLREAE.PTQREFLMEQLAPLKLS  158
consensus                                   ! * !**! !!* *   ***!!! !****   !!    **  **  * *  *!! ***  !  ***! !**!* !* * * !

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  DTDKQIALALIDAVNEDGYLSCKLEEIQQALGKNHAIEMDEIEAVLHQIQNFDPLGVGARDLAECLRLQMKVLPPDLPDLKAATE  239
NTDB id 1425 RS RS02020 WP 011000369.1    PRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAKPLA...L  240
consensus                                 * !! * * !!* * **!!!** !*!!   !*  * *!*!!* ! !* *! !!! !*!!!  !!!! !!*  !*** **! ***

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  LATPVNLALLASRDYTQLRRNLKLTAEELQQAISLIQGLNPRPGNSVTSSQAGYVVPDIVVRKFRGVWRAELNPDVSPRLRINRQ  324
NTDB id 1425 RS RS02020 WP 011000369.1    TIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDM  325
consensus                                   * *! !!! !!!! !** ! *   !!  !* !!  ! ! !!*      ! *!!!!*!!!!  * ! ! !!!!! !!!!!!

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  YEKMIHRGDSSADNRYLQDQLQQARWFIKSLASRNDTLLKVARTIVDRQRAFFEHGAEAMKPLVLHDVAETVSMHESTISRVTTN  409
NTDB id 1425 RS RS02020 WP 011000369.1    YAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTN  410
consensus                                 !  ***           !!  !! !!! !! *  ! !!*!*!   !!*!!* !! !!  !!*!!!!***!*!* *!!!!!!!!!!!

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  KYMLTPRGIFELKYFFSSHVTTADGGTCSATAIRSIIKKLVECETSTKPISDSKIAEILAEQGINVARRTVAKYRESMSIPPSNQ  494
NTDB id 1425 RS RS02020 WP 011000369.1    KYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNL  495
consensus                                 !!! !! ! !!!!!!! !!!*!  !! *! !!!! *!! !! *! *  !*!!!*!!!*!*!!!  !!!!!!!!!!! * !!* !

logo

NTDB id 67222 SCL RS10890 WP 096361237.1  RKSLV   499
NTDB id 1425 RS RS02020 WP 011000369.1    RKSL.   499
consensus                                 !!!!*
```

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