```
logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALESNPLLEQTDLHDEVETQQSQDNETLDTVDALEQKEMPD   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPT   79
consensus                                    !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *       ! ***  *      **!

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  ELPLDA...................SWDEIYTAGTPS.......GTRADYQDDELPVYQGETTQSLQDYLMWQVELTPFSD  135
NTDB id 1425 RS RS02020 WP 011000369.1       ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP  159
consensus                                    ! !**!****************** *!  !    * *******  *    !!  !*   !  **  **!! !* * * !*

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  TDRAIATSIVDAVDETGYLTVSLDDILESIG.DDEIELEEVEAVLKRVQRFDPIGVAARDLRDCLLIQLSQFVKETPWLE  214
NTDB id 1425 RS RS02020 WP 011000369.1       RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP  237
consensus                                     !***   *** *!* !!!! !!!*!!  **** !*!!*!* ! !* *! !!! !**!!   *!! *!!     **!  *

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  EARLIISEHLDLLANHDFRSLMRVTRLKEEILKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGLWTVELNSDSI  294
NTDB id 1425 RS RS02020 WP 011000369.1       LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                     !  !*  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !   !!*! *

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  PRLQINQQYASMCTSSRNDSDNQFIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAV  374
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                    !!! !!  !! ** !!! *!    *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  *

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSEQGIMVA  454
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                     *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! !!! *!!

logo
NTDB id 405497 GNG29 RS20360 WP 103177192.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!!!!!!! ! !!* ! !! !*
```

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