```
logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDAQQTQDTETLDSVDALEQKEMPD   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPT   79
consensus                                    !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *  !    ! ***  *      **!

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  ELPLDAS........WDEIYTAGTPS....G.TRA............DYQDDELPVYQGETTQSLQDYLMWQVELTPFSD  135
NTDB id 1425 RS RS02020 WP 011000369.1       ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP  159
consensus                                    ! !**! ******** *  !  !** ****!* ! ************  !!  !*   !  **  **!! !* * * !*

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  TDRAIATSIVDAVDDTGYLTVTLDEILESIG.DDEIELEEIEAVLKRVQRFDPIGVAAKDLRDCLLIQLSQFAKETPWID  214
NTDB id 1425 RS RS02020 WP 011000369.1       RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP  237
consensus                                     !***   *** *!! !!!! *!!!!!  **** !*!!*!* ! !* *! !!! !**!*   *!! *!!     **!  *

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  EARLIISDHLDLLANHDFRTLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGRWVVELNADSI  294
NTDB id 1425 RS RS02020 WP 011000369.1       LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                     !  !*  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !*  !!*! *

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  PRLQINQQYASMCTSARNDADNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAV  374
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                    !!! !!  !! ** ! ! *     *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  *

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVA  454
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                     *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!

logo
NTDB id 402195 GMA21 RS19100 WP 003861864.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!!!!!!! ! !!* ! !! !*
```

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