```
logo
NTDB id 259135 CWI88 RS02425 WP 006178789.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDTQQTQDAEMLDTVEALEQKEMPD   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGS.VNALQSSSATPLPT   79
consensus                                    !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *       !* **  *      **!

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  ELPLDAS........WDELYTAGTPS....G.TRA............DYQDDELPVYQGETTQSLQDYLMWQVELTPFSD  135
NTDB id 1425 RS RS02020 WP 011000369.1       ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP  159
consensus                                    ! !**! ******** *  !  !** ****!* ! ************   !!  !*   !  **  **!! !* * * !*

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  TDRAIATSIVDAVDDTGYLTVTLDDILESIG.DEDVELEEIEAVLKRIQRFDPVGVAAKDLRDCLLIQLSQFAKETPWID  214
NTDB id 1425 RS RS02020 WP 011000369.1       RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP  237
consensus                                     !***   *** *!! !!!! *!!*!!  **** *!!!*!* ! !* *! !!! !**!*   *!! *!!     **!  *

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  EARLIISDHLDLLANHDFRSLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGRWVVELNSDSI  294
NTDB id 1425 RS RS02020 WP 011000369.1       LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                     !  !*  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !*  !!*! *

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  PRLQINQQYASMCTSVRNDSDNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAV  374
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                    !!! !!  !! ** ! ! *!    *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  *

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTLLSDQGIMVA  454
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                     *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  !! *!! *!!

logo

NTDB id 259135 CWI88 RS02425 WP 006178789.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!!!!!!! ! !!* ! !! !*
```

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