```
logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  MKPTLQLRLGQSLTMTPQLQQAIRLLQLSTLELQQEIQQALENNPLLEQEESEAQETSP...EAPVDASQLDSSDAMAQE   77
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                      !!**!!!!! !*! *!!!!!! !!!!!!!!*!!!!!* !!!  !!!!! !      * *******! ! !  !  *** !

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  QMPDE.............LPVDTTWDEVYSAGTAQ......SAGPIHDG..EDSVYQGETTENLQDYLLWQMRLTPFSDV   136
NTDB id 1425 RS RS02020 WP 011000369.1         SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPR   160
consensus                                       *!* ************ *  * *!  !      ******   ! *! **  **   !  *   **!* !* * * !*

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  DAAIALAIIDAIDESGYLTVALEDIQAAVTSDDVEVELDEVEAVLKRVQHFDPVGIAARSVQECLLIQLDQYDPQTPWLN   216
NTDB id 1425 RS RS02020 WP 011000369.1         DKGLVIFLIESLDDEGYLTGSLDEILADL.PAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAK..P   237
consensus                                      ! ** * *!* *!* !!!!  !**! ! *** **!!!!!!* ! !* *!*!!! !!*!!!  !!! *!!   !** ****

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  EAKEVILEHMELLGNRDYRTLARKTKLKESDLKEVLDLIQLLEPRPGNGIIQSDSQYVIPDVSVVKKGSKWVVELNPDSA   296
NTDB id 1425 RS RS02020 WP 011000369.1         LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM   317
consensus                                       !  **  !*!!!* !!!  ! *   * * *!!  **!!  ! ! !!**    *  *!*!!! ! ! *  !*  !!!!

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  PRIRVNETYAAMARNARSSTDTQFIRSHLQEAKWFIKSLESRNDTLLKVASCIVEQQQGFFEYGEEAMKPMVLNDIAEAV   376
NTDB id 1425 RS RS02020 WP 011000369.1         PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL   397
consensus                                      !!*!*!* !! * !  !  *    *  *!!!!*! !! *  ! !!*!*!  *!!! !  !! *!! !!*!*!! *!!* *

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  EMHESTISRVTTQKYMHTPRGIFELKFFFSSHVNTEGGGECSSTAIRALIKKLVTAENPAKPLSDSKIADLLAEQGIMVA   456
NTDB id 1425 RS RS02020 WP 011000369.1         GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA   477
consensus                                       *!!!!!!!!!!*!!!*!! !  !!!!*!! !!! !! !! *!!!!!!!!!! !! !! !  !!!!!*!!*!!*!!! *!!

logo
NTDB id 1056376 AB5G97 RS19900 WP 005336331.1  RRTIAKYRESLFIPPSNQRKRLV   479
NTDB id 1425 RS RS02020 WP 011000369.1         RRTVAKYREALKIPAVNLRKSL.   499
consensus                                      !!!*!!!!! ! !!* ! !! !*
```

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