```
logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  MKQSLQLRTSQHLALTPQLQQSIRLLQLSTLELHQELEQILSDNPLLERVDDPLDNSVRLLADGAISGSTSTMDAPVGDS   80
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                      !!!!!!!! !!!!!!!!!!!!!!!!!!!!*!!*!!*!! !**!!!!!!  **!! ! !* !!! * *  !*   !**

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  EV......SSSPTESEASFDTPAASESTPESSEGEWSFDDVARNAKTPDDEDARPQLEAHESTLREHLQQQMRETVSDLR  154
NTDB id 1425 RS RS02020 WP 011000369.1         SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPR  160
consensus                                       ******* **   !!!** *   *! * *   *!! !! !! * ***!* !**!!  *!*! !!*!  !* *    *!

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  DRALVELVIDALDDNGYLEESLEEIHERLPAELEIDIEELSTALSMVQSFDPAGVGARNASECLTLQINRFVKVPFVTRR  234
NTDB id 1425 RS RS02020 WP 011000369.1         DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS...PAKP  237
consensus                                      !**!!  *!* !!! !!!  !!*!!*  !!!!!!****!!  !! !*!!!!!!!*!!! ! !!!!!!**!   **** **

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  LALAIVQDHLMLFAQRDFNKIKKALECDDEDLREAQTIIKQCNPHPGAPFAANTSDYVVPDVIVRRSKQGWQVMLNNDVM  314
NTDB id 1425 RS RS02020 WP 011000369.1         LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                      !!! !!* !! ! ! !!* **!!!! *!! *!* !* *!* * !*!!**!*    !*!!!!!*!!**  !!   !!*!!!

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  PRLRVNALYANILRQSKGEG...ALTSQLQEAKWLIKNMRQRFDTILRVAQAIVERQRNFFSHGAVAMRPLVLREIADTL  391
NTDB id 1425 RS RS02020 WP 011000369.1         PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                      !!!!*! *!!*!!! !*!! *** !   !!!!*!!!!!* !!!!!!!!! !!!!!!!* !!*!! *!!!!!!!!!!!!!!

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  GLHESTISRVTTQKYMLTPHGMFELKYFFGSHVATEAGGEASSTAIRALIKQLIGAEDSKNPFSDSKIADMLAEQGMVVA  471
NTDB id 1425 RS RS02020 WP 011000369.1         GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                      !!!!!!!!!!!!*!!! !!*! !!!!!!!!!!! !! !! !!!!!!!!!!!!!*!!!!*!!! !!!*!!**!*!!! !!!

logo
NTDB id 160873 CAter10 RS01775 WP 061532046.1  RRTVAKYREALKIPSVNLRKAL   493
NTDB id 1425 RS RS02020 WP 011000369.1         RRTVAKYREALKIPAVNLRKSL   499
consensus                                      !!!!!!!!!!!!!! !!!!! !
```

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