```
logo

NTDB id 53986 GGS RS10420 WP 003054458.1  MTKELLIDLPIEDIVTNPYQPRIQFNQRELQDLATSIKSNGLIQPIIVRKSDIFGYELVAGERRLKASKMAGLKKVPAIIKKIST   85
NTDB id 382 SMU RS09895 WP 011074697.1    MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVIIKKISD   85
consensus                                 !  ! !  !*  !! *!!!!!!*!!  *!! *!! !!! !!!!!!!!!!!!!!!!*!!!!!!!!!! !*!!! !*! !!!!!!

logo

NTDB id 53986 GGS RS10420 WP 003054458.1  LESMQQAIVENLQRSNLNAIEEAKAYQLLVEKKHMTHDEIAKYMGKSRPYISNTLRLLQLPAPIIKAIEEGKISAGHARALLTLT  170
NTDB id 382 SMU RS09895 WP 011074697.1    DDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQGHARLLSIE  170
consensus                                  *!! !!!*!!!!!! !!*!!!!!!!! !* * !!!!!*!!! *!!!!!!!!*!**!!!*!!  !  !*! ! !! !!!! !!**

logo

NTDB id 53986 GGS RS10420 WP 003054458.1  DEKEQLVYANRIKNEGLSVRQIEHMVTPKLKTTIPTQKNKNIFITSLEDQLAQSLGLPAKIKLKSTQSGQLLLPFANQEELNRIIN  255
NTDB id 382 SMU RS09895 WP 011074697.1    KQDLQDKWFQKILTEQLSVHQIERALKSQTKK.EKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLKISFSSEEDFNRLMN  254
consensus                                      !  * **!  ! !!!*!!!* * *  ! **    ! !!*   !  ! !!!!!!  !*    * !!! **!   !* !!**!

logo

NTDB id 53986 GGS RS10420 WP 003054458.1  KLL   258
NTDB id 382 SMU RS09895 WP 011074697.1    KLN   257
consensus                                 !!
```

X non conserved

X similar

X $\geq$ 50% conserved