```
logo

NTDB id 1138553 DQM53 RS11150 WP 111717871.1  .MTELLKSIPIEDIVANPYQPRLQFNQKELEDLANSIKANGLIQPIIVRKSDIFGYELVAGERRFKASKMAGLTKVPAIV   79
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     *!!! !! **  !! *!!!!!!!!!  !!!!*!!*!!! !!!!!!!!!!!!!!!!!*!!!!!!! !! !*!!! !*! !*

logo

NTDB id 1138553 DQM53 RS11150 WP 111717871.1  KNMSSLESMQQAIVENLQRADLNPIEEAKAYQNLLIEKNQMTHEEIAKYMGKSRPYISNTLRLLQLPQTISKAVEEGDISA   159
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! *!  *!! !!!*!!!!! !!!!!!!!!!!! !! *!*!!!**!!! *!!!!!!!*!**!!!*!! *!! !*! ! !!

logo

NTDB id 1138553 DQM53 RS11150 WP 111717871.1  GHARALLTLTDEKEQLVYANRIKNEGLSVRQIEHMVTPKLKTTPTPKNKNIFITSLEDQLAQSLGLPAKIKLKSTQSGQL   239
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKK.EKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                     !!!! !!**     !  * **!  ! !!!*!!!* * *  ! ** *  ! !!*   !  ! !!!!!!  !*    * !!!

logo

NTDB id 1138553 DQM53 RS11150 WP 111717871.1  LLPFANQEELNRIINKLL   257
NTDB id 382 SMU RS09895 WP 011074697.1        KISFSSEEDFNRLMNKLN   257
consensus                                      **!   !* !!**!!!
```

X non conserved

X similar

X $\geq$ 50% conserved