```
logo

NTDB id 1139824 DQM45 RS10090 WP 003082863.1  .MTEELKEIKIEDIVANPHQPRLHFNHEELKELANSIKINGLIQPIIVRPSEIYGYELIAGERRLKASQLAGLEKVPAVI   79
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     *!!! !! *   !! *!!*!!!!*! * !! !!!*!!! !!!!!!!!!!*!*!*!!*!*!!!!!!!!  !!!! !*! *!

logo

NTDB id 1139824 DQM45 RS10090 WP 003082863.1  KNISTTESMHQAIVENLQRSDLNPIEEAKAFQNILTKNQLTHEQLATFMGKSRPYITNSIRLLQLPDIILTALEEGKIST   159
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! !!  *!!*!!!*!!!!!!!!!!!!!!!!*!!** *!**!!* *!  *!!!!!!!!!!!!!!*!! *!  !!! ! !!

logo

NTDB id 1139824 DQM45 RS10090 WP 003082863.1  GHARSLVTLNKSQDQENYFRRIIEQDLSVRQTEQLVKLKKKTKKQQMNKDIFIKALEEELAKSLGLTIHVKLKKDGSGQL   239
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTK.KEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                     !!!! !*** !   !* *! *!*   !!!*! !  *!   !*!     !!!!*   ! !!  !!!!*****  ! * !!!

logo

NTDB id 1139824 DQM45 RS10090 WP 003082863.1  SCLFNNEEELNRIINKLK   257
NTDB id 382 SMU RS09895 WP 011074697.1        KISFSSEEDFNRLMNKLN   257
consensus                                      * !  !!* !!**!!!
```

X non conserved

X similar

X $\geq$ 50% conserved