```
logo

NTDB id 299456 DP111 RS11150 WP 014638879.1  ..MEELRTLNISEIHPNPYQPRIHFDEKELLELAQSIKENGLIQPIIVRKSSIIGYELLAGERRLRASQLAGLTTIPAVV   78
NTDB id 382 SMU RS09895 WP 011074697.1       MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                    ** ! !* !!   *!*!!!!!!!**!  !!! !!!!!!!!!!!!!!!!!!! ! !!*!*!!!!!!*!  !!!!   !! **

logo

NTDB id 299456 DP111 RS11150 WP 014638879.1  KELTDDDLLYQAIIENLQRSNLNPIEEAASYQKLISRG.LTHDEVAQIMGKSRPYISNLLRLLNLSSQTKQAVEEGQISQ   157
NTDB id 382 SMU RS09895 WP 011074697.1       KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                    ! **!!! * !!!!!!!!!! !!!!!!!  !! !! ! **!!!**! **!!!!!!!*! *!!!!!* *  !!*! ! !!!

logo

NTDB id 299456 DP111 RS11150 WP 014638879.1  GHARQLVSFSE.EKQAEWVQLILSKDLSVRTLEKLIAANKKKHTKLKQRDQFLKEQEDSLSKTLGTATKIIKKKNGSGEI   236
NTDB id 382 SMU RS09895 WP 011074697.1       GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKE.KKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                    !!!! !*!   ** !  ! ! !!*  !!!* *!* *  * !!**!   *! !! ! !  !! *!! *  !*  ! * ! *

logo

NTDB id 299456 DP111 RS11150 WP 014638879.1  RISFNDLDEFERIINNFK   254
NTDB id 382 SMU RS09895 WP 011074697.1       KISFSSEEDFNRLMNKLN   257
consensus                                    *!!!   **! !**!
```

X non conserved

X similar

X $\geq$ 50% conserved