```
logo

NTDB id 1146020 BUC38 RS12565 WP 044689234.1  ..MEELRTLNISEIHPNPYQPRIHFDEKELLELAQSIKENGLIQPIIVRKSSIIGYELLAGERRLRASQLAGLTTIPAVV   78
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     ** ! !* !!   *!*!!!!!!**!  !!! !!!!!!!!!!!!!!!!!!! ! !!*!*!!!!!!*!  !!!!  !! **

logo

NTDB id 1146020 BUC38 RS12565 WP 044689234.1  KELTDDDLLYQAIIENLQRSNLNPIEEAASYQKLINRG.LTHDEVAQIMGKSRPYISNLLRLLNLSSQTKQAVEEGKISQ   157
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! **!!! * !!!!!!!!!! !!!!!!!  !! !!!! **!!**! **!!!!!!!*! *!!!!!* *  !!*! ! !!!

logo

NTDB id 1146020 BUC38 RS12565 WP 044689234.1  GHARQLVSFSE.EKQAEWVQLILSKDLSVRTLEKLIAANKKKHTKLKQRDQFLKEQEDSLSKTLGTATKIIKKKNGSGEI   236
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKE.KKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                     !!!! !*!   ** !  ! ! !!*  !!!* *!* *  * !!**!   *! !! ! !  !! *!! *  !*  ! * ! *

logo

NTDB id 1146020 BUC38 RS12565 WP 044689234.1  RISFNDLDEFERIINNFK   254
NTDB id 382 SMU RS09895 WP 011074697.1        KISFSSEEDFNRLMNKLN   257
consensus                                     *!!!   **! !**!
```

X non conserved

X similar

X $\geq$ 50% conserved