```
logo

NTDB id 1171345 DYB47 RS09545 WP 003078711.1  .MSEELQYINYKDINSNPYQPRLHFEENELKELAQSIKENGLIQPIIVRKSSVFGYELIAGERRLKALKMAGINKVPAII   79
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     *!*! ! !*! !!!!*!!!!!!!*!   !! !!!!!!!!!!!!!!!!!!! *!!!*!*!!!!!!!! !*!!*!!*! !!

logo

NTDB id 1171345 DYB47 RS09545 WP 003078711.1  KELSDNDSMKQAIIENLQRSDLTPIEEARAYQNLVIKNQMTHDEIANVIGKSRPYITNSIRLLNLPSNISQALEKGIISQ   159
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! *!! !!!!!!!!!!!!!!!! !!!!!*!!!!!* *!*!!!!*!! !!!!!!!!!!!!!!!!!!! *!!!!!!!!*!!!

logo

NTDB id 1171345 DYB47 RS09545 WP 003078711.1  GHARLLLGIEEKNEQEKWFQKIINENLSVRQMEKALKKV.KKSPKIIKDIFISEKEKELSKSLGLTVSISYNKKGKGAVK   238
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLK   240
consensus                                     !!!!!!! !!    !*!!!!!!* !*!!!*!*!*!!!  *!! *!  !!!!* !!!!!!! !!!!*! !*!!!!* ! *!

logo

NTDB id 1171345 DYB47 RS09545 WP 003078711.1  ISFSSEDEFNNLINKLN   255
NTDB id 382 SMU RS09895 WP 011074697.1        ISFSSEEDFNRLMNKLN   257
consensus                                     !!!!!!**!! !*!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved