```
logo

NTDB id 1136774 DQL47 RS10190 WP 111690534.1  .MTEILMHIPIEDIVANPYQPRLQFNQKELEELAHSIQANGLIQPIIVRKSDVFGYELVAGERRFKAAKLAGLQKIPAIV   79
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     *!!! ! ***  !! *!!!!!!!!!  !!!!!!!*!!  !!!!!!!!!!!!!*!!!*!!!!!!! !!!!!!!!*!!! !*

logo

NTDB id 1136774 DQL47 RS10190 WP 111690534.1  KEMSTLESMQQAIVENLQRSNLNAIEEAKAYQNLLIDKNKMTHEDIATYMGKSRPYISNTIRLLQLPDVIRQAIEDGTISA   159
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! *!  *!! !!!*!!!!!! !!*!!!!!!!! !! *!*!!!*!!!  *!!!!!!!*!*!!!!*!! *! !!*! ! !!

logo

NTDB id 1136774 DQL47 RS10190 WP 111690534.1  GHARALLSLSTPKEQELYFHNILDQGLSVRQIERLVKTKHPPKKRNKHKTIFVKSLEKELSKSLGLPVALSLQKNDSGQL   239
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTK.KEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                     !!!! !!!*  *  !* *!* !!   !!!*!!!  *!* ***! *  *! !!*   !!!!! !!!!!! ** *! * !!!

logo

NTDB id 1136774 DQL47 RS10190 WP 111690534.1  QLSFSNQEELNRIINKLL   257
NTDB id 382 SMU RS09895 WP 011074697.1        KISFSSEEDFNRLMNKLN   257
consensus                                      *!!!  !* !!**!!!
```

X non conserved

X similar

X $\geq$ 50% conserved