```
logo

NTDB id 1138704 DQM55 RS11690 WP 172454777.1  ..MENFQYIALKDIRTNPYQPRKQFSQKKIEELAASIKENGLIQPIILRKSSLFGYEILAGERRFRAASFLGLETIPAVV   78
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     ** !*  !*  !!! *!!!!!! !!  ! *!!!! !!!!!!!!!!!!*!!! *!!!***!!!!! *!!   !!  !! **

logo

NTDB id 1138704 DQM55 RS11690 WP 172454777.1  KELSDDEMLKQAIIENLQREDLNPIEEAESYQNLIDK.GLTHDEIAKIMGKSRPYISNIVRLLQLSKEVRQAIKEEEISQ   157
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! *!!!* *!!!!!!!!!! !!!!!!!!  !!!!! ****!!!*!!!**!!!!!!!*! *!!!*!* ** !!*    !!!

logo

NTDB id 1138704 DQM55 RS11690 WP 172454777.1  GHARLLVPLKE.EEQLLWLEKICRDDLSVRAVEKLLQQKKSLKKKPNKELFAKSEEEKIKKILGLEVSIQLKSQSKGKLI   236
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLK   240
consensus                                     !!!!!!***  ** !  !  !!* * !!!* *!* !       !!* !**!    !  *   !!!*! !*    * ! !

logo

NTDB id 1138704 DQM55 RS11690 WP 172454777.1  IPFESEEEYQRIINSFK   253
NTDB id 382 SMU RS09895 WP 011074697.1        ISFSSEEDFNRLMNKLN   257
consensus                                     !*! !!!***!**!
```

X non conserved

X similar

X $\geq$ 50% conserved