```
logo

NTDB id 1139095 DQM66 RS10945 WP 000410378.1  ..MEKFEMISITDIQKNPYQPRKEFDREKLDELAQSIKENGVIQPIIVRQSPVIGYEILAGERRYRASLLAGLRSIPAVV   78
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     ** !    *   !!**!!!!!!  !    !*!!!!!!!!!!*!!!!!!! !** !!***!!!!! *!  !!!!  !! **

logo

NTDB id 1139095 DQM66 RS10945 WP 000410378.1  KQISDQEMMVQSIIENLQRENLNPIEEARAYESLVEK.GFTHAEIADKMGKSRPYISNSIRLLSLPEQILSEVENGKLSQ   157
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! !!! * ! ! !!!!!!!  !!!!!!!*!!  !* *** !! *!!  *!!!!!!!*!!!!!! !! *!   *! ! *!!

logo

NTDB id 1139095 DQM66 RS10945 WP 000410378.1  AHARSLVGLNKE.QQDYFFQRIIEEDISVRKLEALLTEKK.QKKQQKTNHFIQNEEKQLRKLLGLDVEIKLSKKDSGKII   235
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLK   240
consensus                                     *!!! !* * ! * !! *!!*!* ! *!!* *!  !    *  !     *!*   !! !   !!!*! !*  !!* ! *

logo

NTDB id 1139095 DQM66 RS10945 WP 000410378.1  ISFSNQEEYSRIINSLK   252
NTDB id 382 SMU RS09895 WP 011074697.1        ISFSSEEDFNRLMNKLN   257
consensus                                     !!!!  !** !**! !
```

X non conserved

X similar

X $\geq$ 50% conserved