```
logo

NTDB id 109641 ACGHT2 RS10945 WP 058692593.1  .MPETLTLIKIENISPNPYQPRLEFKQEELEELARSIKANGLIQPIIVRESTVFGYELIAGERRLRASKIAGLTEIPAII   79
NTDB id 382 SMU RS09895 WP 011074697.1        MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                     *!*! !  *    ! !!!!!!!! !!  !!!!!! !!! !!!!!!!!!! ! *!!!*!*!!!!!!*! !*!!!  !! !!

logo

NTDB id 109641 ACGHT2 RS10945 WP 058692593.1  KNISNQESMQLAIVENLQRSDLNPIEEAKAYQQLLEKNQMTHEELAQFMGKSRPYITNCLRLLNLPRSLSDAVEKGDLSQ   159
NTDB id 382 SMU RS09895 WP 011074697.1        KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                     ! !!  *!!  !!*!!!!!!!!!!!!!!!!!!!*!* *!*!!!***!  *!!!!!!!!!**!!!!!! **! !*!!! *!!

logo

NTDB id 109641 ACGHT2 RS10945 WP 058692593.1  GHARVLLTLKNAGEQEKWYQKILTEDLSVRKLERLLKPAKQKKNRSKKKDIFIRNQEEELTKQLGLPVKITISKTGTKGD   239
NTDB id 382 SMU RS09895 WP 011074697.1        GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTK.KEKKTSKDIFLAEKEKELSQSLGLPVVIHYNK.KHQGQ   238
consensus                                     !!!!*!!**     !*!!*!!!!!! !!!* *!! !!*   *! *   !!!!*   ! !!*  !!!!! !*  !* * !

logo

NTDB id 109641 ACGHT2 RS10945 WP 058692593.1  VSLYFQSEEDLNRIINKLK   258
NTDB id 382 SMU RS09895 WP 011074697.1        LKISFSSEEDFNRLMNKLN   257
consensus                                     * * ! !!!! !!**!!!
```

X non conserved

X similar

X $\geq$ 50% conserved