```
logo

NTDB id 1130469 STHERMO RS09435 WP 011226714.1  .MSEQLKTLSISEIYPNPFQPRLKFSDEELVELSQSISENGLIQPIIVRKSDIIGYELIAGERRLRACKRLGMTEIPAVV   79
NTDB id 382 SMU RS09895 WP 011074697.1          MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                       *!*!!!! !   *! !!!*!!!! !   !! !! !!! !!!!!!!!!!!!!!! !!*!*!!!!!!*!*!  !*  !! **

logo

NTDB id 1130469 STHERMO RS09435 WP 011226714.1  KEVTDQESRKQAIIENLQRSNLNPIEEAKAYRNLIDELTYSHEELAKAMGKSRPYISNALRLLQLPREIQTSIENGSLSQ   159
NTDB id 382 SMU RS09895 WP 011074697.1          KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                       ! **! *! !!!!!!!!!!! !!!!!!!!!!! !!!   * *!***!! *!!!!!!!*! *!!!*!! *!   *! ! *!!

logo

NTDB id 1130469 STHERMO RS09435 WP 011226714.1  GHARALLAIEDSRKQLTIFQQVVAERWSVRTLEKKLQELPR.KQKSKKDIHVKDKEKELERLLGLPITLRYHKNHSGTIQ   238
NTDB id 382 SMU RS09895 WP 011074697.1          GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLK   240
consensus                                       !!!! !! !!    !   !! ** !  !!* *!* !   ***  !* !!!** *!!!!!   !!!!* **!*! ! ! *

logo

NTDB id 1130469 STHERMO RS09435 WP 011226714.1  IHFSTEEDFNRIINKLI   255
NTDB id 382 SMU RS09895 WP 011074697.1          ISFSSEEDFNRLMNKLN   257
consensus                                       !*!!*!!!!!!**!!!
```

X non conserved

X similar

X $\geq$ 50% conserved