```
logo

NTDB id 1111716 HMPREF9425 RS00070 WP 003095245.1  .MSEQLKTLPISEIYPNPFQPRLEFSDEELVELSQSISENGLIQPIIVRKSDIIGYELIAGERRLRACKRLGMTE   74
NTDB id 382 SMU RS09895 WP 011074697.1             MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNK   75
consensus                                          *!*!!!! !*  *! !!!*!!!! !   !! !! !!! !!!!!!!!!!!!!!! !!*!*!!!!!!*!*!  !*

logo

NTDB id 1111716 HMPREF9425 RS00070 WP 003095245.1  IPAVVKKVTDQESRKQAIIENLQRSNLNPIEEAKAYRNLIDELAYSHEELAKAMGKSRPYISNTLRLLQLPREIQ  149
NTDB id 382 SMU RS09895 WP 011074697.1             IPVIIKKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHIS  150
consensus                                          !! **!**! *! !!!!!!!!!!! !!!!!!!!!!! !!!   * *!***!! *!!!!!!!*!**!!!*!! *!

logo

NTDB id 1111716 HMPREF9425 RS00070 WP 003095245.1  TSIENGSLSQGHARALLAIEDSRKQLTIFQQVVAERWSVRTLEKKLQELPR.KQKSKKDIHIKDKEKELEKSLGL  223
NTDB id 382 SMU RS09895 WP 011074697.1             QALEKGLISQGHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQTKKEKKTSKDIFLAEKEKELSQSLGL  225
consensus                                            *! ! *!!!!!! !! !!    !   !! ** !  !!* *!* !   ***  !* !!!** *!!!!!  !!!!

logo

NTDB id 1111716 HMPREF9425 RS00070 WP 003095245.1  PVTLRYHKTHSGTIQIHFSTEEDFNRIINKLI  255
NTDB id 382 SMU RS09895 WP 011074697.1             PVVIHYNKKHQGQLKISFSSEEDFNRLMNKLN  257
consensus                                          !! **!*! ! ! * !*!!*!!!!!!**!!!
```

X non conserved

X similar

X ≥ 50% conserved