```
logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 91146 SUT RS07985 WP 024532842.1   .MAKKILIAGKERNLSHFVSMELQKKDYLVDYVSTGKEALSLAHETDFDLILMSFQLSDMSSKELAKELLAMKPATVMIVAMDPA   84
NTDB id 471 HSISS4 RS01430 WP 002883757.1  .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMMTARDS   84
NTDB id 606 V4T04 RS01910 WP 003130756.1   MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKEKDTPIIMMTARDS   85
consensus                                   **!*!!!***!*!!**!!!*!!****! **  **!***!**! **!*!!!!****!******!****!  *!** *********

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 91146 SUT RS07985 WP 024532842.1   DVSQHGEEVLAYAVSYVVKPFVISDLVEQISAIFRGRDFIDNHCKQVHLHAAYRDLKVDFQNRTVTRGDELINLTRREYDLLATL   169
NTDB id 471 HSISS4 RS01430 WP 002883757.1  IM.DIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAA.KNAPAKASTYRDLKLDVQNRTVVRGDEAIPLTKREFDLLNTL   167
NTDB id 606 V4T04 RS01910 WP 003130756.1   TM.DRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHA.V.ERAENTSFRDLVIDKTNRTVHRGKKVIDLTRREYDLLLTL   167
consensus                                   * * ***** *!**!**!!!*!**!*****! !!* *   *     *  ***!!!**! *!!!! !!***! !!*!!*!!! !!

logo                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 91146 SUT RS07985 WP 024532842.1   MNS.PEAVSREQLLERVWKYEAASETNVVDVYIRYLRGKLDLPNQESYIKTVRGVGYAMRD..   229
NTDB id 471 HSISS4 RS01430 WP 002883757.1  LSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKIDVPGKESYIQTVRGMGYVIREK.   229
NTDB id 606 V4T04 RS01910 WP 003130756.1   MQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKIDVEGQDSYIQTVRGLGYVMRERK   230
consensus                                  **** ****!! !* *!!*!***!!!!!!!!!!!!!*!*!*****!!!*!!!!*!!**!**
```

X non conserved

X similar

X $\geq$ 50% conserved