```
logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 49699 SSU12 RS08340 WP 012027645.1  .MAKKILIAGKERNLSHFVSMELQKKDYLVDYASTGKEAMSLAHETDFDLILMSFQLSDMSSKELATELLAIKPATVMIVVVEPT   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 49699 SSU12 RS08340 WP 012027645.1  EVSQYGEEVLSYAVSYVVKPFVISDLVEQISAIFRGRDFIDNNCKQVHMHAAYRDLKVDFQNRTVTRGDELINLTRREYDLLATL   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 49699 SSU12 RS08340 WP 012027645.1  MNS.PEPVSREQLLERVWKYEAASETNVVDVYIRYLRGKLDLPHQDSYIKTVRGVGYAMRD..   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 ≥ 50% conserved