```
logo
NTDB id 545 H702 RS02385 WP 052071091.1      MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREKSRTAT   84
NTDB id 542 H702 RS02345 WP 039696227.1      MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREKDPTAI   85
NTDB id 42015 SPPN RS08740 WP 001219128.1    .MRIFVLEDDFSQQTRIETTIEKLLKAHHIIPSSFEVFGKPDQLLAEVHEKGGHQLFFLDIEIRNEEMKGLEVARKIRDRDPYAL   84
NTDB id 55 SMU RS08710 WP 002262114.1        MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQHNPSAV   85
consensus                                    ***!**!!! **!!*!*!**!* **  ******  **!*******  * *****!*!!!!**!******!**!!* !!*****!*

logo
NTDB id 545 H702 RS02385 WP 052071091.1      IVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQ.GFNIPKEIFVFENNKTKIRIPLEDILYFETA.ESH   167
NTDB id 542 H702 RS02345 WP 039696227.1      IVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKYQ.TGSFGENSYLFETAKARIRVAYDDILYFETSPTVH   169
NTDB id 42015 SPPN RS08740 WP 001219128.1    IVFVTTHSEFMPLSFRYQVSALDYIDKALSAEEFESRIETALLYANSQDS.KSLAEDCFYFKSKFAQFQYPFKEVYYLETSPRAH   168
NTDB id 55 SMU RS08710 WP 002262114.1        IVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEILYFETSSTAH   170
consensus                                    !!!!!!!!!!!*!** **!*!*!*!!!***** *  *****! ******   *******!** * *  *******!*!!****!

logo
NTDB id 545 H702 RS02385 WP 052071091.1      RLKLITKTGQRHFYGSIKEVMQANQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIKDLRSKMENLK...   244
NTDB id 542 H702 RS02345 WP 039696227.1      RVILHTKTGQTEFYGTIAEVAKSDKRLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVKKLMAEMR......   243
NTDB id 42015 SPPN RS08740 WP 001219128.1    RVILYTKTDRLEFTASLEEVFKQEPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVREVSEAINNLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1        KLCLYTYDERIEFYGSMTDIVKMDKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLTKLRAVIADQHRAK   250
consensus                                    ***!*!*** **!**** **** ***! *!!*!***!* !* **!*******!*****!***! ******* * ***
```

X non conserved

X similar

X $\geq$ 50% conserved