```
logo
NTDB id 545 H702 RS02385 WP 052071091.1    MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREKSRTAT   84
NTDB id 542 H702 RS02345 WP 039696227.1    MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREKDPTAI   85
NTDB id 33216 SPP RS02695 WP 001219137.1   .MRIFVLEDDFSQQTRIETTIEKLLKEHHITLSSFEVFGKPDQLLAEVHEKGAHQLFFLDIEIRNEEMKGLEVARKIRDRDPYAL   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 33216 SPP RS02695 WP 001219137.1   IVFVTTHSEFMPLSFRYQVSALDYIDKALSAEEFESRIETALLYANGQDS.KSLAEDCFYFKSKFAQFQYPFKEVYYLETSTRPH   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 33216 SPP RS02695 WP 001219137.1   RVILYTKTDRLEFTASLEEVLKQEPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVREVSEAINNLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1      KLCLYTYDERIEFYGSMTDIVKMDKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLTKLRAVIADQRRAK   250
consensus                                  ***!*!*** **!**** **** ***! *!!*!***!* !* **!*******!*****!***! ******* * ***
```

X non conserved

X similar

X $\geq$ 50% conserved