```
logo
NTDB id 545 H702 RS02385 WP 052071091.1     MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREKSRTAT   84
NTDB id 542 H702 RS02345 WP 039696227.1     MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREKDPTAI   85
NTDB id 98017 R9C51 RS02855 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 98017 R9C51 RS02855 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 98017 R9C51 RS02855 WP 001219137.1  RVILYTKTDRLEFTASLEEVLKQEPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVREVSEAINNLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1       KLCLYTYDERIEFYGSMTDIVKMDKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLTKLRAVIADQRRAK   250
consensus                                   ***!*!*** **!**** **** ***! *!!*!***!* !* **!*******!*****!***! ******* * ***
```

X non conserved

X similar

X ≥ 50% conserved