```
logo

NTDB id 545 H702 RS02385 WP 052071091.1        MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREK   79
NTDB id 542 H702 RS02345 WP 039696227.1        MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK   80
NTDB id 1116180 EQB41 RS02830 WP 001219122.1  .MRIFVLEDDFSQQTRIETTIEKLLKAHHIIPSSFEVFGKPDQLLAEVHEKGAHQLFFLDIEIRNEEMKGLEVARKIRDR   79
NTDB id 55 SMU RS08710 WP 002262114.1          MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
consensus                                      ***!**!!! **!!*!*!**!* **  ******  **!*******  * *****!*!!!!**!******!**!!* !!**

logo

NTDB id 545 H702 RS02385 WP 052071091.1        SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQ.GFNIPKEIFVFENNKTKIRIPLEDI   158
NTDB id 542 H702 RS02345 WP 039696227.1        DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKYQ.TGSFGENSYLFETAKARIRVAYDDI   159
NTDB id 1116180 EQB41 RS02830 WP 001219122.1  DPYALIVFVTTHSEFMPLSFRYQVSALDYIDKALSAEEFESRIETALLYANSQDS.KSLAEDCFYFKSKFAQFQYPFKEV   158
NTDB id 55 SMU RS08710 WP 002262114.1          NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
consensus                                      ***!*!!!!!!!!!!!*!** **!*!*!*!!!***** *  *****! ******   ********!** * *  ******

logo

LYFETASPTVHRVILYTKTGRTEFYGSITEVMKMDKRLFQCHRSFLINPNNVVRLDKKERLAYFRNGKSCLYSRTKVKKLR
YYLETSPRPHRVILYTKTDRLEFTASLEEVFKQEPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVREVS   238
NTDB id 545 H702 RS02385 WP 052071091.1        LYFETA.ESHRLKLITKTGQRHFYGSIKEVMQANQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIKDLR   237
NTDB id 542 H702 RS02345 WP 039696227.1        LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKSDKRLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVKKLM   239
NTDB id 1116180 EQB41 RS02830 WP 001219122.1  YYLETSPRPHRVILYTKTDRLEFTASLEEVFKQEPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVREVS   238
NTDB id 55 SMU RS08710 WP 002262114.1          LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKMDKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLTKLR   240
consensus                                      *!*!!*** !***!*!*** **!**** **** ***! *!!*!***!* !* **!*******!*****!***! ******

logo

NTDB id 545 H702 RS02385 WP 052071091.1        SKMENLK...   244
NTDB id 542 H702 RS02345 WP 039696227.1        AEMR......   243
NTDB id 1116180 EQB41 RS02830 WP 001219122.1  EAINNLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1          AVIADQRRAK   250
consensus                                      * * ***
```

X non conserved

X similar

X $\geq$ 50% conserved