```
logo

NTDB id 545 H702 RS02385 WP 052071091.1        MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREK   79
NTDB id 542 H702 RS02345 WP 039696227.1        MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK   80
NTDB id 240605 CG712 RS09560 WP 096811959.1    .MNIFVMEDDFMQQARIEKIITKLLEKHNIVPKKFEISGKPHQLLQAIEEKGVHQLFFLDIEIKEDELKGLQVAKQIREI   79
NTDB id 55 SMU RS08710 WP 002262114.1          MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
consensus                                      ***!***!! **!!*!*!**!* ********** ****** ************!*!!!!**!******!**!!**!!**

logo

NTDB id 545 H702 RS02385 WP 052071091.1        SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVF.EDQGFNIPKEIFVFENNKTKIRIPLEDI   158
NTDB id 542 H702 RS02345 WP 039696227.1        DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEAL.KYQTGSFGENSYLFETAKARIRVAYDDI   159
NTDB id 240605 CG712 RS09560 WP 096811959.1    DPYASIVFVTTHSEFMPLSFRYQVSALDYIDKELGVTEFESRIEAALLHTH.NKDNSAVSDDSFYFKSKYAQVQYPFNEV   158
NTDB id 55 SMU RS08710 WP 002262114.1          NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI   160
consensus                                      ***! !!!!!!!!!!!*!** **!*!*!*!!!***** *  *** *!  ** * *  *******!** * ** ******

logo

LYFETA.ESHRLKLITKTGQRHFYGSIKEVMQANQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIKDLR   237
LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKSDKRLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVKKLM   239
YYIETSPRPHRVILYTKTDRMEFTASLSDILKQDKRLVQCHRSFAINPRNVVKVDRNEKQIYFPNGATCFISRQKLESTL   238
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 240605 CG712 RS09560 WP 096811959.1    AVIDRLHR..   246
NTDB id 55 SMU RS08710 WP 002262114.1          AVIADQRRAK   250
consensus                                      **** ***
```

X non conserved

X similar

X $\geq$ 50% conserved