```
logo

NTDB id 627 AAM18091.1 1453..2205( )      .MKVLILEDVIQHQVRLERTLDEISKELNI.PISYKTTGKEREFKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH   78
NTDB id 545 H702 RS02385 WP 052071091.1   MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDCLTNL.VEESFPQIFFLDIDIHGDNTKGIEVAKAIREK   79
NTDB id 542 H702 RS02345 WP 039696227.1   MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVARSIREK   80
NTDB id 337160 EQH38 RS09205 WP 001219120.1 .MRIFVLEDDFSQQTRIETTIEKLLKAHHIIPSSFEVFGKPDQLLAEVHEKGAHQLFFLDIEIRNEEMKGLEVARKIRDR   79
NTDB id 55 SMU RS08710 WP 002262114.1     MISIFVLEDDFLQQGRLETTIAAIMKEKNWSYKELTIFGKPQQLIDAIPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH   80
consensus                                 ** ***!!! * *! !*!**** ***  **    *******  **  * * * *!**!!!**!******!**!!* !!**

logo

NTDB id 627 AAM18091.1 1453..2205( )      NPYAIIVFITSRSEFATLTYKYQVSALDFVDKDINDELFKKRIEQSILYTKSMLLENKDVVDYFDYNYKGNDLKIPYHDI  158
NTDB id 545 H702 RS02385 WP 052071091.1   SRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQ.GFNIPKEIFVFENNKTKIRIPLEDI  158
NTDB id 542 H702 RS02345 WP 039696227.1   DPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKYQ.TGSFGENSYLFETAKARIRVAYDDI  159
NTDB id 337160 EQH38 RS09205 WP 001219120.1 DPYALIVFVTTHSEFMPLSFRYQVSALDYIDKALSAEEFESRIETALLYANSQDS.KSLAEDCFYFKSKFAQFQYPFKEV  158
NTDB id 55 SMU RS08710 WP 002262114.1     NPSAVIVFVTTHSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIFHSSETQFQVPFAEI  160
consensus                                  **!*!!!*!**!!!* !*****!*!*!**!! **** *  ***  * **          ** *** *    ***** **

logo

NTDB id 627 AAM18091.1 1453..2205( )      LYIETTGVSHKLRIIGKNFAKEFYGTMADIQEKDKDTQRFYSAHKSFLVNVGNIREIDRKNLEVVFYEDHRCPITRLKVR  238
NTDB id 545 H702 RS02385 WP 052071091.1   LYFETA.ESHRLKLITKTGQRHFYGSIKEVMQA...NQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYVSRKYIK  234
NTDB id 542 H702 RS02345 WP 039696227.1   LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKS...DKRLLKCHRSFVINVNNVTEFDKSTRTAYFENGSYCQVSRDKVK  236
NTDB id 337160 EQH38 RS09205 WP 001219120.1 YYLETSPRAHRVILYTKTDRLEFTASLEEVFKQ...EPRLLQCHRSFLINPANVVHLDKKEKLLFFPNGGSCLIARYKVR  235
NTDB id 55 SMU RS08710 WP 002262114.1     LYFETSSTAHKLCLYTYDERIEFYGSMTDIVKM...DKRLFQCHRSFIVNPANITRIDRKKRLAYFRNNKSCLISRTKLT  237
consensus                                 *!*!!*   !** * ***   *!**** ** *    * *** *!*!***!**!*  *!** ****! *   ! **! ***

  <0

logo

NTDB id 627 AAM18091.1 1453..2205( )      KLRDILEKKSKK*   250
NTDB id 545 H702 RS02385 WP 052071091.1   DLRSKMENLK...   244
NTDB id 542 H702 RS02345 WP 039696227.1   KLMAEMR......   243
NTDB id 337160 EQH38 RS09205 WP 001219120.1 EVSEAINKLH...   245
NTDB id 55 SMU RS08710 WP 002262114.1     KLRAVIADQRRAK   250
consensus                                 ***  *
```

X non conserved

X similar

X ≥ 50% conserved