```
logo

NTDB id 542 H702 RS02345 WP 039696227.1          MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAFAASKDIIKKADGQGNHQVFFLDLEIKGDEKQGLDVAR   75
NTDB id 1111714 HMPREF9319 RS10840 WP 003066558.1 ..............................................................................   0
NTDB id 545 H702 RS02385 WP 052071091.1          MIDIYVLEDNVNQQFRIEKMIGDLLETNQWETRHFDLFSEPDC.LTNLVEESFPQIFFLDIDIHGDNTKGIEVAK   74
consensus                                        ********** ******* *  *** * **    * *      *         ******** **   ******

logo

NTDB id 542 H702 RS02345 WP 039696227.1          SIREKDPTAIIVFVTTHSEFMLLTYQSLVGAIDFIDKNMNDEAFGGRIELCLKEALKYQTGSFGENSYLFETAKA   150
NTDB id 1111714 HMPREF9319 RS10840 WP 003066558.1 ..............................................................................   0
NTDB id 545 H702 RS02385 WP 052071091.1          AIREKSRTATIVFVTTHSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFEDQGFNIPKEIFVFENNKT   149
consensus                                         ****  ** ***************   * *******   ***    *  **      *         ****  *

logo

NTDB id 542 H702 RS02345 WP 039696227.1          RIRVAYDDILYFETSPTVHRVILHTKTGQTEFYGTIAEVAKSDKRLLKCHRSFVINVNNVTEFDKSTRTAYFENG   225
NTDB id 1111714 HMPREF9319 RS10840 WP 003066558.1 ....................MLVTWTGQRNFYGTIREVKNANHKLFQCQKSYLINPDNGVSLDKKEGIVYCVGG   54
NTDB id 545 H702 RS02385 WP 052071091.1          KIRIPLEDILYFETAE.SHRLKLITKTGQRHFYGSIKEVMQANQKLFRCHKSYLINLNNIVRLDKKEGLVYFDDD   223
consensus                                        ****  ********    ****!*!*!!!* !!!*!*!! *** *!**!**!**!!**!** *!!*****!** *

logo

NTDB id 542 H702 RS02345 WP 039696227.1          SYCQVSRDKVKKLMAEMR...   243
NTDB id 1111714 HMPREF9319 RS10840 WP 003066558.1 KSCYVSKKSMKELKIKLES..    73
NTDB id 545 H702 RS02385 WP 052071091.1          KACYVSRKYIKDLRSKMENLK   244
consensus                                        * !*!!** *!*!* ***
```

X non conserved

X similar

X ≥ 50% conserved