```
logo

NTDB id 1210 C694 RS01710 WP 001862983.1    MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ   85
NTDB id 140754 UC78 RS03090 WP 044305914.1  MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNVHLCVVSGGALGVDITAS   81
NTDB id 1239 Cj0634 YP 002344063.1          MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGVDITAS   81
consensus                                   !*!**    ********!**!!*!!!!!***!***!!* **!*!!!!*!!***!*!*****!!**!** ****!!!!!!!!!!*!*

logo

NTDB id 1210 C694 RS01710 WP 001862983.1    ENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSGSMSSARLAQK   170
NTDB id 140754 UC78 RS03090 WP 044305914.1  MAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSGSMQSAKLALE   166
NTDB id 1239 Cj0634 YP 002344063.1          MAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSGSMQSAKLALE   166
consensus                                   **!*!*!!******!!*!!!**!*!*!**!**!*!*!!!!!*!**!****!!*!!!!!!!!!**!***!!!*!!!!!*!!*!!**

logo

NTDB id 1210 C694 RS01710 WP 001862983.1    YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK   255
NTDB id 140754 UC78 RS03090 WP 044305914.1  LNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDTNQDEFLEFCKKGVSVDEALKIYGQKVYEYELEGK   245
NTDB id 1239 Cj0634 YP 002344063.1          LNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEALKIYGQKVYEYELEGK   245
consensus                                   **!!!*!!!!!!*!!**!!*!!****!**!*****!****      **** **!!!!!*!*!**!**!!****!*!**!!!!*!!

logo

NTDB id 1210 C694 RS01710 WP 001862983.1    IKRINHIVVLA.   266
NTDB id 140754 UC78 RS03090 WP 044305914.1  ISIEGFFIRVLV   257
NTDB id 1239 Cj0634 YP 002344063.1          ISIEGLFIRVLA   257
consensus                                   !**** *****
```

X non conserved

X similar

X ≥ 50% conserved