```
logo

NTDB id 1210 C694 RS01710 WP 001862983.1    MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ   85
NTDB id 138778 RC46 RS02370 WP 002932002.1 MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGVDITAS   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 138778 RC46 RS02370 WP 002932002.1 VAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSGSMQSAKLALE  166
NTDB id 1239 Cj0634 YP 002344063.1          MAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSGSMQSAKLALE  166
consensus                                   **!*!*!!******!!*!!!**!*!*!**!**!*!*!!!!!*!**!****!!*!!!!!!!!!**!***!!!*!!!!!*!!*!!**

logo

NTDB id 1210 C694 RS01710 WP 001862983.1    YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK  255
NTDB id 138778 RC46 RS02370 WP 002932002.1 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 138778 RC46 RS02370 WP 002932002.1  ISIEGLFIRVLV   257
NTDB id 1239 Cj0634 YP 002344063.1          ISIEGLFIRVLA   257
consensus                                   !**********
```

X non conserved

X similar

X $\geq$ 50% conserved