```
logo
NTDB id 1239 Cj0634 YP 002344063.1        MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGVDITAS   81
NTDB id 36708 HMU RS05940 WP 013023452.1  MQSHFDYHPLPQIPESLSALK..LQQLFYVGRPELLQSSLKIAIVGSRNPNPYARAFVTQLASKLTP.HATIISGGALGIDIIAH   82
NTDB id 1210 C694 RS01710 WP 001862983.1  MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ   85
consensus                                 ! !** *  ****** *  !! ****!***!   !! * *!*!!*!*!****!*** * *!!* !   ** **!!!!!!*!!*!

logo
NTDB id 1239 Cj0634 YP 002344063.1        MAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSGSMQSAKLALE  166
NTDB id 36708 HMU RS05940 WP 013023452.1  KAALPHTIMISPSSLDLIYPASNQHIIKEIAARALILSEYEKNTPPRPYSFLQRNRIVIGLSDIVIIPQADLGSGSMQSAKMALK  167
NTDB id 1210 C694 RS01710 WP 001862983.1  ENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSGSMSSARLAQK  170
consensus                                  *!*! !!**** *!! !!! *! **!**!* **!*!!!!!****!* **!! !!!*!!*!!**!***!!!**!!!!*!!**!**

logo
NTDB id 1239 Cj0634 YP 002344063.1        LNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEALKIYGQKVYEYELEGK  245
NTDB id 36708 HMU RS05940 WP 013023452.1  LKKPLYVLPHRINESLGTKSLLSQNQARPIYDIEEFLKEC......EITPNARDEILEFCAQAPDYEVALEKFGNRLLEYELDGK  246
NTDB id 1210 C694 RS01710 WP 001862983.1  YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK  255
consensus                                 **!!!*!!!*!**!! *!* !!  **!* !*** *!* *          **   !!*!!*!********!* **!****!!!!*!!

logo
NTDB id 1239 Cj0634 YP 002344063.1        ISIEGLFIRVLA   257
NTDB id 36708 HMU RS05940 WP 013023452.1  IRRENGKVIAL.   257
NTDB id 1210 C694 RS01710 WP 001862983.1  IKRINHIVVLA.   266
consensus                                 !****  ****
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X non conserved

X similar

X $\geq$ 50% conserved