```
logo                                          MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ
                                              MASEIQYSLPDEFLELFKDLKKPTKLHYKGNLSLLKQDTII GSRMSVITNCVFSLASMLKNAHLCV           TAS

NTDB id 54251 C730 RS01710 WP 001862983.1     MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ     85
NTDB id 1210 C694 RS01710 WP 001862983.1      MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGVDIIAQ     85
NTDB id 1239 Cj0634 YP 002344063.1            MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGVDITAS     81
consensus                                     !*!*********!!*!*********!!*!*!!!!!***!!***!!*!!!*!****!!*!!*****!!!****!******!!!!!!*!*


logo                                          ENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSGSMSSARLAQK
                                              MAIMNTIGTFANGLDQIYPRTIEIIKQIYENALALSEYEDDYLKNYDFLLRNRLVIALSKAVVAQADITKSGSMQSAKLALE

NTDB id 54251 C730 RS01710 WP 001862983.1     ENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSGSMSSARLAQK     170
NTDB id 1210 C694 RS01710 WP 001862983.1      ENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSGSMSSARLAQK     170
NTDB id 1239 Cj0634 YP 002344063.1            MAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVAQADIIKSGSMQSAKLALE     166
consensus                                     ****!!*!!*****!!*!!*****!!!*!***!!*!!*!****!***!!!****!*******!!!!!*!**!***!!!!!!!***!!


logo                                          YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK
                                              VKLPLYVLPQRLGESTATNLLLKENKAKLICDFKEIVSEFLASIDMNQDEFLEFCKKGVVDEALKIYGQVVYEYELE

NTDB id 54251 C730 RS01710 WP 001862983.1     YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK     255
NTDB id 1210 C694 RS01710 WP 001862983.1      YQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAYLKFGDKLLEYELLGK     255
NTDB id 1239 Cj0634 YP 002344063.1            LNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEIVSEF......ASIDMNQDEFLEFCKKGVSVDEALKIYGQKVYEYELEGK     245
consensus                                     **!!*!!!*****!!!*!!*!!*****!!**!!!******!******!!!!!*!*!**!!**!***!!!*****!*!**!!!!!!!!


logo                                          IKRINHIWLA
                                              ISIEGLFIRVLA

NTDB id 54251 C730 RS01710 WP 001862983.1     IKRINHIVVLA.     266
NTDB id 1210 C694 RS01710 WP 001862983.1      IKRINHIVVLA.     266
NTDB id 1239 Cj0634 YP 002344063.1            ISIEGLFIRVLA     257
consensus                                     !*********!*
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X non conserved
X similar
X ≥ 50% conserved