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logo
NTDB id 1239 Cj0634 YP 002344063.1          MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
NTDB id 421710 G3M67 RS03160 WP 163524542.1 MKSHFQYSALENIPKAFDILKDPPKKLYCVGDTKLLESPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 1210 C694 RS01710 WP 001862983.1    MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
consensus                                   !*!***** *******!**!!*!!!!!***!***!!****!*!!!!*!!***!*!*****!!**!*******!!!!!!!!

logo
NTDB id 1239 Cj0634 YP 002344063.1          DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG  156
NTDB id 421710 G3M67 RS03160 WP 163524542.1 DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDAVIIPQADLKSG  160
NTDB id 1210 C694 RS01710 WP 001862983.1    DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG  160
consensus                                   !!*!***!*!*!!******!!*!!!**!*!*!**!**!*!*!!!!!*!**!****!!*!!!!!!!!!**!***!!!*!!!

logo
NTDB id 1239 Cj0634 YP 002344063.1          SMQSAKLALELNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEAL  230
NTDB id 421710 G3M67 RS03160 WP 163524542.1 SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDHHLKEMPEMKDEFLEYCAKNPSYEEAY  240
NTDB id 1210 C694 RS01710 WP 001862983.1    SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY  240
consensus                                   !!*!!*!!****!!!*!!!!!!*!!**!!*!!****!**!*****!******* ******** !!!!!*!*!**!**!!*

logo
NTDB id 1239 Cj0634 YP 002344063.1          KIYGQKVYEYELEGKISIEGLFIRVLA   257
NTDB id 421710 G3M67 RS03160 WP 163524542.1 LKFGDKLLEYELLGKIKRVNHIVVLA.   266
NTDB id 1210 C694 RS01710 WP 001862983.1    LKFGDKLLEYELLGKIKRINHIVVLA.   266
consensus                                   ***!*!**!!!!*!!!**********
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X non conserved

X similar

X ≥ 50% conserved