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logo

NTDB id 1239 Cj0634 YP 002344063.1          MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
NTDB id 158170 APV63 RS01675 WP 060472955.1 MKSNFQYSALENIPKAFDILKDPPKKLYCVGDTKLLRAPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 1210 C694 RS01710 WP 001862983.1    MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
consensus                                   !*! **** *******!**!!*!!!!!***!***!!* **!*!!!!*!!***!*!*****!!**!*******!!!!!!!!

logo

NTDB id 1239 Cj0634 YP 002344063.1          DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG  156
NTDB id 158170 APV63 RS01675 WP 060472955.1 DIIAQENALPTTIMLSPCSLDLIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDAVIIPQADLKSG  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 158170 APV63 RS01675 WP 060472955.1 SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMKDEFLEYCAKNPSYEEAY  240
NTDB id 1210 C694 RS01710 WP 001862983.1    SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY  240
consensus                                   !!*!!*!!****!!!*!!!!!!*!!**!!*!!****!**!*****!*************** !!!!!*!*!**!**!!*

logo

NTDB id 1239 Cj0634 YP 002344063.1          KIYGQKVYEYELEGKISIEGLFIRVLA   257
NTDB id 158170 APV63 RS01675 WP 060472955.1 LKFGDKLLEYELLGKIKRINHIVVLA.   266
NTDB id 1210 C694 RS01710 WP 001862983.1    LKFGDKLLEYELLGKIKRINHIVVLA.   266
consensus                                   ***!*!**!!!!*!!!**********
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X non conserved

X similar

X ≥ 50% conserved