```
logo
NTDB id 1239 Cj0634 YP 002344063.1        MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
NTDB id 50491 HPSH417 RS01630 WP 000840088.1 MKSNFQYSALENIPKAFDILKDPPKKLYCVGDIKLLDAPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 1210 C694 RS01710 WP 001862983.1  MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
consensus                                 !*! **** *******!**!!*!!!!!***!***!!* **!*!!!!*!!***!*!*****!!**!*******!!!!!!!!
```

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logo
NTDB id 1239 Cj0634 YP 002344063.1        DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG  156
NTDB id 50491 HPSH417 RS01630 WP 000840088.1 DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPVKGSFLARNRLVIALSDAVIIPQADLKSG  160
NTDB id 1210 C694 RS01710 WP 001862983.1  DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG  160
consensus                                 !!*!***!*!*!!******!!*!!!**!*!*!**!**!*!*!!!!!*!**!*****!!*!!!!!!!!!!**!***!!!*!!!
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logo
NTDB id 1239 Cj0634 YP 002344063.1        SMQSAKLALELNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEAL  230
NTDB id 50491 HPSH417 RS01630 WP 000840088.1 SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDHHLKEMPEMKDEFLEYCAKNPSYEEAY  240
NTDB id 1210 C694 RS01710 WP 001862983.1  SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY  240
consensus                                 !!*!!*!!****!!!*!!!!!!!*!!**!!*!!****!**!*****!******* ******** !!!!!*!*!**!**!!*
```

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logo
NTDB id 1239 Cj0634 YP 002344063.1        KIYGQKVYEYELEGKISIEGLFIRVLA   257
NTDB id 50491 HPSH417 RS01630 WP 000840088.1 LKFGDKLLEYELLGKIKRINHIVVLA.   266
NTDB id 1210 C694 RS01710 WP 001862983.1  LKFGDKLLEYELLGKIKRINHIVVLA.   266
consensus                                 ***!*!**!!!!*!!!**********
```

X non conserved
X similar
X ≥ 50% conserved