```
logo
NTDB id 1239 Cj0634 YP 002344063.1
NTDB id 79095 HPYLSS1 RS01680 WP 077231809.1
NTDB id 1210 C694 RS01710 WP 001862983.1
consensus
```

```
MASEI...LPDEFLELFKDLKKPPKKLHYKGNLSLLK.QDKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
MKSHFQYSALENIPKAFDILKDPPKKLYCVGDTKLLEAPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
!*!***** *******!**!!*!!!!!***!***!!* **!*!!!!*!!***!*!*****!!**!*******!!!!!!!!
```

```
logo
NTDB id 1239 Cj0634 YP 002344063.1
NTDB id 79095 HPYLSS1 RS01680 WP 077231809.1
NTDB id 1210 C694 RS01710 WP 001862983.1
consensus
```

```
DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG   156
DIIAQENALPKTIMLSPCSLDLIYPTNNHKVIQEIAQNGLILSEYEKDFMPVKGSFLARNRLVIALSDVVIIPQADLKSG   160
DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG   160
!!*!***!*!*!!******!! !!!**!*!*!**!**!*!*!!!!!*!**!****!!*!!!!!!!!!!**!***!!!*!!!
```

```
logo
NTDB id 1239 Cj0634 YP 002344063.1
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NTDB id 1210 C694 RS01710 WP 001862983.1
consensus
```

```
SMQSAKLALELNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEAL   230
SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMKDEFLEYCAKNPSYEEAY   240
SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY   240
!!*!!*!!****!!!*!!!!!!!*!!**!!*!!****!**!*****!**************** !!!!!*!*!**!**!!*
```

```
logo
NTDB id 1239 Cj0634 YP 002344063.1
NTDB id 79095 HPYLSS1 RS01680 WP 077231809.1
NTDB id 1210 C694 RS01710 WP 001862983.1
consensus
```

```
KIYGQKVYEYELEGKISIEGLFIRVLA   257
LKFGDKLLEYELLGKIKRINHLVVLA.   266
LKFGDKLLEYELLGKIKRINHIVVLA.   266
***!*!**!!!!*!!!*********
```

X non conserved
X similar
X $\geq$ 50% conserved