```
logo
NTDB id 1210 C694 RS01710 WP 001862983.1          MKSHFQYSTLENIPKAFDILKDPPKKLYCVGDTKLLDTPLKVAIIGTRRPTPYSKQHTITLARELAKNGAVIVSGGALGV   80
NTDB id 278582 DSM101856 RS02950 WP 002818781.1  ....MQSEIPSAYLELFKELKNPPKKLYYKGNLKLLEQ.RKIAIIGSRRMSTYTKNCVFELSNLLKNSKISVVSGGALGV   75
NTDB id 1239 Cj0634 YP 002344063.1                ...MASEILPDEFLELFKDLKKPPKKLHYKGNLSLLKQ.DKIAIIGSRRMSVYTKNCVFSLASMLKNAHLCVVSGGALGV   76
consensus                                               *  *** ****!**!! !!!!!***!***!!**  !*!!!!*!!** !*!****!* *!**  * *!!!!!!!!

logo
NTDB id 1210 C694 RS01710 WP 001862983.1          DIIAQENALPKTIMLSPCSLDFIYPTNNHKVIQEIAQNGLILSEYEKDFMPIKGSFLARNRLVIALSDVVIIPQADLKSG  160
NTDB id 278582 DSM101856 RS02950 WP 002818781.1  DISASMAAMPSTIGVFANGLDEIYPRSNEKIIKQIYENALALSENESYYKPKPYDFLLRNRLIVALSEAVVVAQADLQSG  155
NTDB id 1239 Cj0634 YP 002344063.1                DITASMAAMPNTIGIFANGLDQIYPRTNEKIIKQIYENALALSEYEDDYLPKNYDFLLRNRLVIALSKAVVVAQADIKSG  156
consensus                                         !!*!***!*! !!******!! !!!**!*!*!**!**!*!*!!!*! ***!* **!!*!!!!**!!!**!***!!!**!!

logo
NTDB id 1210 C694 RS01710 WP 001862983.1          SMSSARLAQKYQKPLFVLPQRLNESDGTNELLEKGQAQGIFNIQNFINTLLKDYHLKEMPEMEDEFLEYCAKNPSYEEAY  240
NTDB id 278582 DSM101856 RS02950 WP 002818781.1  SMQSARLALELNKPLYVLPQRKNESDGTNLLLQEKNANLLLDFKEFASCF......GVIEEEKDEFLDFCRQGVSVDEAT  229
NTDB id 1239 Cj0634 YP 002344063.1                SMQSAKLALELNKPLYVLPQRLGESTATNLLLKENKAKLICDFKEFVSEF......ASIDMNQDEFLEFCKKGVSVDEAL  230
consensus                                         !!*!!*!!****!!!*!!!!!**!!**!!*!! * *!*** ****!** *       * ***  !!!!**!****!**!!

logo
NTDB id 1210 C694 RS01710 WP 001862983.1          LKFGDKLLEYELLGKIKRINHIVVLA.   266
NTDB id 278582 DSM101856 RS02950 WP 002818781.1  QIYGEKVYEYELEGKISIEGLFIRVLV   256
NTDB id 1239 Cj0634 YP 002344063.1                KIYGQKVYEYELEGKISIEGLFIRVLA   257
consensus                                          **!*!**!!!!*!!!**********
```

X non conserved

X similar

X ≥ 50% conserved