```
logo
NTDB id 178202 NX99 RS02415 WP 038675882.1  MAKRKTSLTNKQKRQLVSLLIAVLIAVLGYVGTSNKLSPNNPIKQVASLVSGKSNNYVKSNGSTSGQSTPQEQLAETVMTSSVKS   85
NTDB id 262 KZH43 RS08770 WP 001036779.1    .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNL...............SQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 221 SPD RS09380 WP 001036779.1      .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNL...............SQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 187 SPR RS08930 WP 001036779.1      .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNL...............SQKKQASEAPSQALAESVLTDAVKS   64
NTDB id 152 SP RS09870 WP 001036779.1       .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNL...............SQKKQASEAPSQALAESVLTDAVKS   64
consensus                                         ***!****!**!!***!*****!********!!*!****                 *********!***!!!*!*!**!!!

logo
NTDB id 178202 NX99 RS02415 WP 038675882.1  QLGNAIEWNGAGAYIVNGNKTNLNAKVSSQPYANNQVKTVQGQTVPTVANALLSKATRQYKNRQETGNGSTSWTPAGWHQVHNLS  170
NTDB id 262 KZH43 RS08770 WP 001036779.1    QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK  149
NTDB id 221 SPD RS09380 WP 001036779.1      QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK  149
NTDB id 187 SPR RS08930 WP 001036779.1      QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK  149
NTDB id 152 SP RS09870 WP 001036779.1       QIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLK  149
consensus                                   !*****!!!!*!!*!!!!!!!!!*!!!!!*!!!*!**!!!***!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!!*!!*

logo
NTDB id 178202 NX99 RS02415 WP 038675882.1  GEYSHAVDRGHLLGYALVGGLKGFDASTSNPENIAVQTAWANQANSETSTGQNYYESLVRKAQDKNKRVRYRVTLIYEG.DNLIP  254
NTDB id 262 KZH43 RS08770 WP 001036779.1    GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 221 SPD RS09380 WP 001036779.1      GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 187 SPR RS08930 WP 001036779.1      GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 152 SP RS09870 WP 001036779.1       GSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
consensus                                   !*!*!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!*!!!!!!!!!!!!!!**!*!!!!!!!!!!*!!!!!*!*!!!!!!!!!!!*!*****!*!

logo
NTDB id 178202 NX99 RS02415 WP 038675882.1  SGSHLEAKSADGSLEFNVFVPNVQQGITLDYYSGKVTVN.  293
NTDB id 262 KZH43 RS08770 WP 001036779.1    SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 221 SPD RS09380 WP 001036779.1      SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 187 SPR RS08930 WP 001036779.1      SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 152 SP RS09870 WP 001036779.1       SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
consensus                                   !*!**!!!!*!!*!!!!!!*!!!!!*!**!!!**!*!!!**
```

X non conserved

X similar

X ≥ 50% conserved