```
logo
NTDB id 395496 GFB63 RS09090 WP 111679622.1  MAKRKTSLTNKQKRQLVTLIIAALIAVLGYLGTSNKLSPDNPIRQVASLVSGKSNKSIKSNGSTNSQSTPQEQLSETVMT   80
NTDB id 262 KZH43 RS08770 WP 001036779.1     .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN..............LSQKKQASEAPSQALAESVLT   59
NTDB id 221 SPD RS09380 WP 001036779.1       .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN..............LSQKKQASEAPSQALAESVLT   59
NTDB id 187 SPR RS08930 WP 001036779.1       .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN..............LSQKKQASEAPSQALAESVLT   59
NTDB id 152 SP RS09870 WP 001036779.1        .......MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTN..............LSQKKQASEAPSQALAESVLT   59
consensus                                           ***!****!**!****!*****!********!**!***                **********!***!*!*!*!

logo
NTDB id 395496 GFB63 RS09090 WP 111679622.1  SSVKSQLGNSLEWNGAGAYIINRNKTNLNAKVSSQPYANNQVKTVQGQTVPTVANALLSKATRQYKNRQETGNGSTSWTP  160
NTDB id 262 KZH43 RS08770 WP 001036779.1     DAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTP  139
NTDB id 221 SPD RS09380 WP 001036779.1       DAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTP  139
NTDB id 187 SPR RS08930 WP 001036779.1       DAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTP  139
NTDB id 152 SP RS09870 WP 001036779.1        DAVKSQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTP  139
consensus                                    **!!!!***!!!!!!*!!*!*!*!!!!!*!!!!!*!!!*!**!!!***!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!

logo
NTDB id 395496 GFB63 RS09090 WP 111679622.1  AGWHQVQNLSGEYSHAVDRGHLLGYALIGGLKGFDASTSNPENIAVQTAWANQAYSDSSTGQNYYESLVRKALDKNKRVR  240
NTDB id 262 KZH43 RS08770 WP 001036779.1     PGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVR  219
NTDB id 221 SPD RS09380 WP 001036779.1       PGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVR  219
NTDB id 187 SPR RS08930 WP 001036779.1       PGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVR  219
NTDB id 152 SP RS09870 WP 001036779.1        PGWHQVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVR  219
consensus                                    *!!!!!*!!*!*!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!!****!!!!!!!!!*!!!!!!*!!!!!

logo
NTDB id 395496 GFB63 RS09090 WP 111679622.1  YRVTLIYEG.ENLIPSGTHLEAKSADGSLEFNVFVPNVQEGITLDYYSGKVTVN.   293
NTDB id 262 KZH43 RS08770 WP 001036779.1     YRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1       YRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1       YRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1        YRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                    !!!!!*!***!*!*!!****!!!!*!!*!!!!!!*!!!!!!*!**!!!**!*!!!**
```

X non conserved

X similar

X $\geq$ 50% conserved