logo

```
NTDB id 59097 QMM33 RS09050 WP 001036790.1  MNKKTRQTLIGLLVLLLLSTGSYYIKQMQSTANSPKTKLSQKKQAPEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIVNGNKT  85
NTDB id 262 KZH43 RS08770 WP 001036779.1    MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIVNGNKT  85
NTDB id 221 SPD RS09380 WP 001036779.1      MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIVNGNKT  85
NTDB id 187 SPR RS08930 WP 001036779.1      MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIVNGNKT  85
NTDB id 152 SP RS09870 WP 001036779.1       MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGSGAFIVNGNKT  85
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!**!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 59097 QMM33 RS09050 WP 001036790.1  NLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGL  170
NTDB id 262 KZH43 RS08770 WP 001036779.1    NLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGL  170
NTDB id 221 SPD RS09380 WP 001036779.1      NLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGL  170
NTDB id 187 SPR RS08930 WP 001036779.1      NLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGL  170
NTDB id 152 SP RS09870 WP 001036779.1       NLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHAVDRGHLLGYALIGGL  170
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 59097 QMM33 RS09050 WP 001036790.1  DGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVP  255
NTDB id 262 KZH43 RS08770 WP 001036779.1    DGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVP  255
NTDB id 221 SPD RS09380 WP 001036779.1      DGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVP  255
NTDB id 187 SPR RS08930 WP 001036779.1      DGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVP  255
NTDB id 152 SP RS09870 WP 001036779.1       DGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPSASQIEAKSSDGELEFNVLVP  255
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 59097 QMM33 RS09050 WP 001036790.1  NVQKGLQLDYRTGEVTVTQ  274
NTDB id 262 KZH43 RS08770 WP 001036779.1    NVQKGLQLDYRTGEVTVTQ  274
NTDB id 221 SPD RS09380 WP 001036779.1      NVQKGLQLDYRTGEVTVTQ  274
NTDB id 187 SPR RS08930 WP 001036779.1      NVQKGLQLDYRTGEVTVTQ  274
NTDB id 152 SP RS09870 WP 001036779.1       NVQKGLQLDYRTGEVTVTQ  274
consensus                                   !!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved