```
logo
NTDB id 1139508 DQM67 RS06230 WP 005589748.1  MPKRKKLQKKSTKSTQTIAGLLVALTLSLGAYFFGNGNQSPAVNTSSAISQNRDTSTPDQALAESVLTDSVRSQLGGKIE   80
NTDB id 262 KZH43 RS08770 WP 001036779.1      .........MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLE   71
NTDB id 221 SPD RS09380 WP 001036779.1        .........MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLE   71
NTDB id 187 SPR RS08930 WP 001036779.1        .........MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLE   71
NTDB id 152 SP RS09870 WP 001036779.1         .........MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLE   71
consensus                                              ***!**!!**!!!!*!*!!*!*!********!****************!*!!!!!!!!!!*!*!!**!**!

logo
NTDB id 1139508 DQM67 RS06230 WP 005589748.1  WNGAGAFIINGNQTNLDAKVSSAPYADNKTKMVQGQTVPTVANALLAKSTRQYKSREETGNGSTSWVPAGWHQVKYLSGE  160
NTDB id 262 KZH43 RS08770 WP 001036779.1      WNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGS  151
NTDB id 221 SPD RS09380 WP 001036779.1        WNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGS  151
NTDB id 187 SPR RS08930 WP 001036779.1        WNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGS  151
NTDB id 152 SP RS09870 WP 001036779.1         WNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGS  151
consensus                                     !!!*!!!!*!!!!*!!!!!!!!!*!!!!!!!!!*!***!!!!!!!!!!!*!*!!!!!*!*!!!!!!!!!!*!*!!!!!!*!*!*

logo
NTDB id 1139508 DQM67 RS06230 WP 005589748.1  YNHAVDRGHLLAYSLIGGLKGFDASTSNPANIAVQTAWANQANKDNSTGQNYYETQIRRALDQNKRVRYRVTLIYASEND  240
NTDB id 262 KZH43 RS08770 WP 001036779.1      YTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNED  231
NTDB id 221 SPD RS09380 WP 001036779.1        YTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNED  231
NTDB id 187 SPR RS08930 WP 001036779.1        YTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNED  231
NTDB id 152 SP RS09870 WP 001036779.1         YTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNED  231
consensus                                     !*!!!!!!!!!!*!*!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!*****!!!!!!!!***!*!!!!!!!!!!!!!!!!*!!!**!

logo
NTDB id 1139508 DQM67 RS06230 WP 005589748.1  LVPSGSHLEAKSSDGSLEFNVFVPNVQSGIVLDYRTGRVSLR.  282
NTDB id 262 KZH43 RS08770 WP 001036779.1      LVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 221 SPD RS09380 WP 001036779.1        LVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 187 SPR RS08930 WP 001036779.1        LVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 152 SP RS09870 WP 001036779.1         LVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
consensus                                     !!!!*!**!!!!!!!*!!!!!*!!!!!*!**!!!!!!*!****
```

X non conserved

X similar

X ≥ 50% conserved