```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1110945 ACNR93 RS03415 WP 420543917.1  MAKKSNLSKKT.KSIISLLVLLVGIGTGCVTT.SDSSDPVSQVLSLVTGESSSVTSNHSSANESAPSQELAESVLTDNVK   78
NTDB id 262 KZH43 RS08770 WP 001036779.1       ......MNKKTRQTLIGLLVLLL.LSTGSYYIKQMPSAPNS..........PKTNLSQKKQASEAPSQALAESVLTDAVK   63
NTDB id 221 SPD RS09380 WP 001036779.1         ......MNKKTRQTLIGLLVLLL.LSTGSYYIKQMPSAPNS..........PKTNLSQKKQASEAPSQALAESVLTDAVK   63
NTDB id 187 SPR RS08930 WP 001036779.1         ......MNKKTRQTLIGLLVLLL.LSTGSYYIKQMPSAPNS..........PKTNLSQKKQASEAPSQALAESVLTDAVK   63
NTDB id 152 SP RS09870 WP 001036779.1          ......MNKKTRQTLIGLLVLLL.LSTGSYYIKQMPSAPNS..........PKTNLSQKKQASEAPSQALAESVLTDAVK   63
consensus                                            **!!!****!*!!!!!* **!!********!*!*!          **************!!!!*!!!!!!!!*!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1110945 ACNR93 RS03415 WP 420543917.1  EQLGSTIEWNGAGAYLVNGNKTSLNAKVASKPYANNKTKVVQGQSVPTVANALLSKSTRQYRSREETGNGSTSWTPAGWH  158
NTDB id 262 KZH43 RS08770 WP 001036779.1       SQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWH  143
NTDB id 221 SPD RS09380 WP 001036779.1         SQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWH  143
NTDB id 187 SPR RS08930 WP 001036779.1         SQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWH  143
NTDB id 152 SP RS09870 WP 001036779.1          SQIKGSLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWH  143
consensus                                      *!*****!!!!*!!**!!!!!!*!*!!!*!!!!!*!!!!*!****!!!!!!!!!!!*!!!**!*!!!!!!!!!!!*!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1110945 ACNR93 RS03415 WP 420543917.1  QVQNLSGTYSHAVDRGHLLGYALVGGLKGFDASTSNPENVATQTAWANEARSEDSTGQNYYEGLVRRALDQNKRVRYRVT  238
NTDB id 262 KZH43 RS08770 WP 001036779.1       QVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVT  223
NTDB id 221 SPD RS09380 WP 001036779.1         QVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVT  223
NTDB id 187 SPR RS08930 WP 001036779.1         QVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVT  223
NTDB id 152 SP RS09870 WP 001036779.1          QVKNLKGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVT  223
consensus                                      !!*!!*!*!*!!!!!!!!!!!!!!*!!!*!!!!!!!!!!*!*!*!!!!!!*!**!*!!!!!!!!!**!!*!!!!!!!!!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1110945 ACNR93 RS03415 WP 420543917.1  LIYDGD.NILASGTHLEAKSSDGSLEFNVFVPNVQSGLTIDYYSGQVSVN.   287
NTDB id 262 KZH43 RS08770 WP 001036779.1       LYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1         LYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1         LYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1          LYYASNEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                      !*!********!****!!!!!!!*!!!!!*!!!!!*!!**!!**!*!*!**
```

X non conserved

X similar

X $\geq$ 50% conserved