```
logo
NTDB id 1029431 AB4X21 RS04315 WP 369088249.1  MTKQVLTKRTKQTLAGFVVATALAIGGYYFNQPTVKEATDQVVSVVTSSQQETPSKELASSVLTKSARSQLGNDLEWNGA   80
NTDB id 262 KZH43 RS08770 WP 001036779.1       .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGS   75
NTDB id 221 SPD RS09380 WP 001036779.1         .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGS   75
NTDB id 187 SPR RS08930 WP 001036779.1         .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGS   75
NTDB id 152 SP RS09870 WP 001036779.1          .....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNGS   75
consensus                                            **!*!*!!!*!**!***!**!*!!**!******************!*!!**!!*!!!!****!!****!!!!!*

logo
NTDB id 1029431 AB4X21 RS04315 WP 369088249.1  GAFVVKGNRTDLDASVASQPYADNKTKEVNGKTVPTVANAIMTKATRQYRDRDATGSGLTDWKPAGWHQVHNLSGEYDHA  160
NTDB id 262 KZH43 RS08770 WP 001036779.1       GAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHA  155
NTDB id 221 SPD RS09380 WP 001036779.1         GAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHA  155
NTDB id 187 SPR RS08930 WP 001036779.1         GAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHA  155
NTDB id 152 SP RS09870 WP 001036779.1          GAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTHA  155
consensus                                      !!!*!*!!*!*!!!*!*!*!!!!!!!!*!***!!!!!!!***!!!!!!**!**!!*!*!*!*!*!!!!!*!!*!*!*!!

logo
NTDB id 1029431 AB4X21 RS04315 WP 369088249.1  VDRGHLLGYALIGNLKGFDASTSNPKNIAVQTSWSNQANDPHSTGQNYYETLVRKALDKNKRIRYRVTLIYNQPEDLIPL  240
NTDB id 262 KZH43 RS08770 WP 001036779.1       VDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPS  235
NTDB id 221 SPD RS09380 WP 001036779.1         VDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPS  235
NTDB id 187 SPR RS08930 WP 001036779.1         VDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPS  235
NTDB id 152 SP RS09870 WP 001036779.1          VDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVPS  235
consensus                                      !!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!*!*!!!****!!!!!!!!**!!!!!!*!!!*!!!!!!*!***!!!*!*

logo
NTDB id 1029431 AB4X21 RS04315 WP 369088249.1  GSQIEAKSSDGTLEFNVFVPNVQSGISLDYQTGKVTVHQ  279
NTDB id 262 KZH43 RS08770 WP 001036779.1       ASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 221 SPD RS09380 WP 001036779.1         ASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 187 SPR RS08930 WP 001036779.1         ASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
NTDB id 152 SP RS09870 WP 001036779.1          ASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ  274
consensus                                      *!!!!!!!!!!*!!!!!*!!!!!*!**!!!*!!*!!!*!
```

X non conserved

X similar

X $\geq$ 50% conserved