```
logo
NTDB id 402723 FOB91 RS10570 WP 012000227.1  MKKKQEEKLFQSIVGLILALVLIAGANYFSNHQNQDKIKSNPQVQRTGRRDISTPEQALSQSVLTDSVRKQLKGNIEWNQ   80
NTDB id 262 KZH43 RS08770 WP 001036779.1     ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSP..KTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNG   74
NTDB id 221 SPD RS09380 WP 001036779.1       ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSP..KTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNG   74
NTDB id 187 SPR RS08930 WP 001036779.1       ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSP..KTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNG   74
NTDB id 152 SP RS09870 WP 001036779.1        ....MNKKTRQTLIGLLVLLLLSTGSYYIKQMPSAPNSP..KTNLSQKKQASEAPSQALAESVLTDAVKSQIKGSLEWNG   74
consensus                                        ***!**!***!!***!*!**!**!***********  **************!*!!!**!!!!!*!**!*!!**!!!*

logo
NTDB id 402723 FOB91 RS10570 WP 012000227.1  AGAFIINGNKTDLNADIASQPYAQNQTKSVQGQLVPIIGNALLSKQTRQYKNREETGNGTTSWVPAGWHQVRNLSGDFNH  160
NTDB id 262 KZH43 RS08770 WP 001036779.1     SGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTH  154
NTDB id 221 SPD RS09380 WP 001036779.1       SGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTH  154
NTDB id 187 SPR RS08930 WP 001036779.1       SGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTH  154
NTDB id 152 SP RS09870 WP 001036779.1        SGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNLKGSYTH  154
consensus                                    *!!!!*!!!!!*!*!***!*!!!*!*!!*!****!!***!!!!!!*!!!!!!!*!!!!!*!!!!*!*!!!!!*!!*!***!

logo
NTDB id 402723 FOB91 RS10570 WP 012000227.1  AVDRGHLLAYSIVGGLKNFDASTSNPENIAVQTAWANQANSPSSTGQNFYESLIRKALDKKKRVRYRVTLIYANPDDLIA  240
NTDB id 262 KZH43 RS08770 WP 001036779.1     AVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 221 SPD RS09380 WP 001036779.1       AVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 187 SPR RS08930 WP 001036779.1       AVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
NTDB id 152 SP RS09870 WP 001036779.1        AVDRGHLLGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYASNEDLVP  234
consensus                                    !!!!!!!!!*!***!!!**!!!!!!!!*!!!!!!!!!!!!!****!!!!!*!!!**!!!!!!**!!!!!!!!!!*!!***!!**

logo
NTDB id 402723 FOB91 RS10570 WP 012000227.1  VGSHLEAKSSDGSLEFNVFVPNVQTGIRINYRTGEVTVE.   279
NTDB id 262 KZH43 RS08770 WP 001036779.1     SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 221 SPD RS09380 WP 001036779.1       SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 187 SPR RS08930 WP 001036779.1       SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
NTDB id 152 SP RS09870 WP 001036779.1        SASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ   274
consensus                                    **!**!!!!!!!*!!!!!*!!!!!*!****!!!!!!!!**
```

X non conserved

X similar

X $\geq$ 50% conserved