```
logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 526 SMSK321 RS08825 WP 000282440.1   MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 158 SP RS09595 WP 000282442.1        MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 268 KZH43 RS08520 WP 000282467.1     MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 227 SPD RS09110 WP 000282467.1       MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 193 SPR RS08685 WP 000282467.1       MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.   84
NTDB id 67822 NALG RS06330 WP 017369521.1    MINNVVLVGRVVRDPELRYTPQNTAVATFTIAVNRRFKNAQGEREADFINCVIWRQSAENLANWAKKGALIGVTGSIQVRNYENK   85
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
consensus                                    !*!*!***!!******!**!*****!****!!!!******!**!!!**!***!***!!**!****!!*!**!*!****!**!*

logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 526 SMSK321 RS08825 WP 000282440.1   NGQMNYVAEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 158 SP RS09595 WP 000282442.1        NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 268 KZH43 RS08520 WP 000282467.1     NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 227 SPD RS09110 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 193 SPR RS08685 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.......QDL.........................................ADLV   123
NTDB id 67822 NALG RS06330 WP 017369521.1    EGQRVYVTEVLADNFQMLESRAAREGGSGSY.....SAPQQQQSQ.......NRPFAGSNSSAGNSTPDFGRDADPF..GGSPME   156
NTDB id 624 LCA RS00040 WP 011373726.1       QGQRVYVTEVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQ.QTGNAPAANNTQADPFANNGQAID   162
NTDB id 113 BSU 40900 NP 391970.1            QGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQ.NNQRRNQGNSFNDDPFANDGKPID   164
NTDB id 112 BSU 36310 NP 391512.2            EGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
consensus                                    *!****!*!!**********************       ***                                        ****

logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   LEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   LEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1        LEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     LEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       LEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       LEEEELPF   131
NTDB id 67822 NALG RS06330 WP 017369521.1    ISDDDLPF   164
NTDB id 624 LCA RS00040 WP 011373726.1       ISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            ISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ........   113
consensus                                    ********
```

X non conserved

X similar

X ≥ 50% conserved