```
logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1     MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTRHYEK.    84
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 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ    85
NTDB id 51849 SCIM RS01485 WP 003074535.1    MINNVVLVGRMTRDAELRYTPQNQAVATFTLAVNRNFKNQSGEREADFINVVIWRQQAENLANWAKKGALIGVTGRIQTRNYENQ    85
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ    85
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE    85
consensus                                    !*!*!***!!*!*******!*****!*****!!!!******!***!!**!***!***!!*******!!*!****!***!!**!*
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logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1     DGQTHYVTEILAQSFQLLESRAQRALRENNGAS.........................................DLTDLVLEEEE   128
NTDB id 498 SM12261 RS01980 WP 000282464.1   NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 526 SMSK321 RS08825 WP 000282440.1   NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 158 SP RS09595 WP 000282442.1        NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 268 KZH43 RS08520 WP 000282467.1     NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 227 SPD RS09110 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 193 SPR RS08685 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.........................................DLADLVLEEEE   128
NTDB id 624 LCA RS00040 WP 011373726.1       QGQRVYVTEVVDNFSLLESRTTTEQRQGDGA.SQNFNSNQSNGSQ..QSGFTSPQQTGNAPAANNTQADPFANNGQAIDISDDD   167
NTDB id 51849 SCIM RS01485 WP 003074535.1    QGQRVYVTEVVADNFQLLESRASREGQSSGGYTSNNFGSSPSA......N..........QVPNFSRDENPFG.NTNPMDISDDD   153
NTDB id 113 BSU 40900 NP 391970.1            QGQRVFVTEVQAESVQFLEPKNG.GGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDISDDD   169
NTDB id 112 BSU 36310 NP 391512.2            EGVNVYVTEVLADTVRFMDPKPR.EKAAD.............................................   113
consensus                                    *!****!*!***********************                                      ***********
```

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logo
NTDB id 583 DLJ51 RS09560 WP 002962590.1     LPF   131
NTDB id 498 SM12261 RS01980 WP 000282464.1   LPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   LPF   131
NTDB id 158 SP RS09595 WP 000282442.1        LPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     LPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       LPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       LPF   131
NTDB id 624 LCA RS00040 WP 011373726.1       LPF   170
NTDB id 51849 SCIM RS01485 WP 003074535.1    LPF   156
NTDB id 113 BSU 40900 NP 391970.1            LPF   172
NTDB id 112 BSU 36310 NP 391512.2            ...   113
consensus                                    ***
```

X non conserved

X similar

X $\geq$ 50% conserved