```
logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 526 SMSK321 RS08825 WP 000282440.1   MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 158 SP RS09595 WP 000282442.1        MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 268 KZH43 RS08520 WP 000282467.1     MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 227 SPD RS09110 WP 000282467.1       MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 193 SPR RS08685 WP 000282467.1       MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFE.K   84
NTDB id 583 DLJ51 RS09560 WP 002962590.1     MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTRHYE.K   84
NTDB id 409 SMU RS08940 WP 002263454.1       MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGELRTRKYE.K   84
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 93163 MWM01 RS17930 WP 244404488.1  MINQVVLVGRLTKDLELRYTADGAAVANITLAVARNFRNVEGRVDTDFVPCVLWRKTAENTANYCRKGSMIAVTGRVQTRNYENK   85
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKGSLAGVDGRLQTRNYENQ   85
consensus                                    !*!*!***!!!* **** *! ****!** **!!*!*** **!****!******!***!!********!!!******!***!!**! *

logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 526 SMSK321 RS08825 WP 000282440.1   NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 158 SP RS09595 WP 000282442.1        NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 268 KZH43 RS08520 WP 000282467.1     NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 227 SPD RS09110 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 193 SPR RS08685 WP 000282467.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVL   124
NTDB id 583 DLJ51 RS09560 WP 002962590.1     DGQTHYVTEILAQSFQLLESRAQRALRENNGASDL.......................................TDLVL   124
NTDB id 409 SMU RS08940 WP 002263454.1       DGVTHFVTEVLGHSFQLLESRAQRAMRENNSENDL.......................................ADLVL   124
NTDB id 624 LCA RS00040 WP 011373726.1       QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......QQSGFTSPQQTGNAPAANNTQADPFANNGQAIDI   163
NTDB id 93163 MWM01 RS17930 WP 244404488.1  DGQRVYVTEVVAESVRFISTSKVNEWFEH.....A.........................................   115
NTDB id 112 BSU 36310 NP 391512.2            EGVNVYVTEVLADTVRFMDPKPREKAAD...............................................   113
NTDB id 113 BSU 40900 NP 391970.1            QGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI   165
consensus                                    *!*  *!*!***  ********************                                          *****

logo

NTDB id 498 SM12261 RS01980 WP 000282464.1   EEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   EEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1        EEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     EEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       EEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       EEEELPF   131
NTDB id 583 DLJ51 RS09560 WP 002962590.1     EEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1       EEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1       SDDDLPF   170
NTDB id 93163 MWM01 RS17930 WP 244404488.1  .......    115
NTDB id 112 BSU 36310 NP 391512.2            .......   113
NTDB id 113 BSU 40900 NP 391970.1            SDDDLPF   172
consensus                                    *******
```

X non conserved

X similar

X ≥50% conserved