```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTRHY   82
NTDB id 498 SM12261 RS01980 WP 000282464.1   .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGKLAESLASYATKGSLISVDGELRTRRF   82
NTDB id 526 SMSK321 RS08825 WP 000282440.1   .MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRF   82
NTDB id 158 SP RS09595 WP 000282442.1        .MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRF   82
NTDB id 268 KZH43 RS08520 WP 000282467.1     .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRF   82
NTDB id 227 SPD RS09110 WP 000282467.1       .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRF   82
NTDB id 193 SPR RS08685 WP 000282467.1       .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRF   82
NTDB id 69069 STO1 RS06735 WP 000609596.1    .MINNVVLVGRMTRDAELRYTPSNVAVATFTLAVNRTFKSQNGERE..ADFINVVMWRQQAENLANWAKKGSLIGITGRIQTRSY   82
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNY   82
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNY   82
NTDB id 112 BSU 36310 NP 391512.2            .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSY   82
consensus                                     **!*!***!!**  ***  * *   !*  **!*** *****!***  ****!**** **!! ** ** !!*!* **! * *!**
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logo
NTDB id 1103 NMB RS07590 WP 002212976.1      QGKDGIERTAYDIVANEMKMLGGRNENSGG..APYEEGYGQSQE....AYQRPAQQSRQPASDAPSHPQEAPAAPRRQPVP...A   161
NTDB id 1131 NGFG RS05740 WP 003695064.1     QGKDGIERTAYDIVANEMKMLGGRNENSGG..APYDEGYGQSQE....AYQRPAQQSRQPAPDAPSHPQEAPAAPRRQPVP...A   161
NTDB id 583 DLJ51 RS09560 WP 002962590.1     EK.DGQTHYVTEILAQSFQLLESRAQRALRENNGAS.......................................................D   118
NTDB id 498 SM12261 RS01980 WP 000282464.1   EK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 526 SMSK321 RS08825 WP 000282440.1   EK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 158 SP RS09595 WP 000282442.1        EK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 268 KZH43 RS08520 WP 000282467.1     EK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 227 SPD RS09110 WP 000282467.1       EK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 193 SPR RS08685 WP 000282467.1       EK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................................D   118
NTDB id 69069 STO1 RS06735 WP 000609596.1    DNQQGQRVYVTEVVAENFQMLESRGVREGHTGGAYS.......................APTAGQSAPANPVPDFSRSENPFG.A   143
NTDB id 624 LCA RS00040 WP 011373726.1       ENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ..........QSGFTSPQQTGNAPAANNTQADPFANN   157
NTDB id 113 BSU 40900 NP 391970.1            ENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQ...NDNPFGGNQNNQRRNQGNSFNDDPFAND   159
NTDB id 112 BSU 36310 NP 391512.2            ENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
consensus                                    *  *!*  ******   ******** ** **  **                                                    *
```

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logo
NTDB id 1103 NMB RS07590 WP 002212976.1      AAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     AAPVEDIDDDIPF   174
NTDB id 583 DLJ51 RS09560 WP 002962590.1     LTDLVLEEEELPF   131
NTDB id 498 SM12261 RS01980 WP 000282464.1   LADLVLEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   LADLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1        LADLVLEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     LADLVLEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       LADLVLEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       LADLVLEEEELPF   131
NTDB id 69069 STO1 RS06735 WP 000609596.1    TNPLDISDDDLPF   156
NTDB id 624 LCA RS00040 WP 011373726.1       GQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            GKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ............    113
consensus                                     * * * ******
```

X non conserved
X similar
X $\geq$ 50% conserved