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logo
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NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGEI   77
NTDB id 498 SM12261 RS01980 WP 000282464.1   .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGKLAESLASYATKGSLISVDGEL   77
NTDB id 526 SMSK321 RS08825 WP 000282440.1   .MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 158 SP RS09595 WP 000282442.1        .MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 268 KZH43 RS08520 WP 000282467.1     .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 227 SPD RS09110 WP 000282467.1       .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 193 SPR RS08685 WP 000282467.1       .MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRL   77
NTDB id 668098 MP387 RS02880 WP 242747550.1 .MINNVVLVGRMTRDAELRYTPSNVAVATFTLAVNRTFKSQNGERE..ADFINVVMWRQQAENLANWAKKGSLIGITGRI   77
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRL   77
NTDB id 112 BSU 36310 NP 391512.2            .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGRI   77
consensus                                     **!*!***!!**  ***  * *   !*  **!*** *****!***  ****!**** **!! ** ** !!*!* **! *
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logo
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NTDB id 1103 NMB RS07590 WP 002212976.1      QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA..PYEE........GYGQSQEAYQRPAQQSRQPASDAPSHPQEA   150
NTDB id 1131 NGFG RS05740 WP 003695064.1     QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA..PYDE........GYGQSQEAYQRPAQQSRQPAPDAPSHPQEA   150
NTDB id 583 DLJ51 RS09560 WP 002962590.1     RTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGAS.......................................   117
NTDB id 498 SM12261 RS01980 WP 000282464.1   RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 526 SMSK321 RS08825 WP 000282440.1   RTRRFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 158 SP RS09595 WP 000282442.1        RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 268 KZH43 RS08520 WP 000282467.1     RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 227 SPD RS09110 WP 000282467.1       RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 193 SPR RS08685 WP 000282467.1       RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 624 LCA RS00040 WP 011373726.1       QTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS..QQSGFTS............PQQTGNA   143
NTDB id 668098 MP387 RS02880 WP 242747550.1 QTRSYDNQQGQRVYVTEVVAENFQMLESRGVREGHSGGAYSA................PTAG............QSAPANP   130
NTDB id 113 BSU 40900 NP 391970.1            QTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGG............NQNNQRR   145
NTDB id 112 BSU 36310 NP 391512.2            QTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD............................................   113
consensus                                     *!***  *!*  ******   ******** ** **  **
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logo
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NTDB id 1103 NMB RS07590 WP 002212976.1      PAAPRRQPVP...AAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PAAPRRQPVP...AAAPVEDIDDDIPF   174
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .............DLTDLVLEEEELPF   131
NTDB id 498 SM12261 RS01980 WP 000282464.1   .............DLADLVLEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   .............DLADLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1        .............DLADLVLEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     .............DLADLVLEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       .............DLADLVLEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       .............DLADLVLEEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1       PAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 668098 MP387 RS02880 WP 242747550.1 VPDFSRSENPFA.ATNPLDISDDDLPF   156
NTDB id 113 BSU 40900 NP 391970.1            NQGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ............................   113
consensus                                                * * * * ******
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X non conserved
X similar
X $\geq$ 50% conserved