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logo
NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRY.MPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGR   79
NTDB id 1103 NMB RS07590 WP 002212976.1     MSLNKVILIGRLGRDPEVRY.MPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGR   79
NTDB id 597 KW2 RS01935 WP 021036727.1      ..MNKTMLIGRLTNAPEISK.TTNNKSYVRVTLAVNRRFKNEKGERE..ADFISIILWGKSAETLVSYAKKGSLISVEGE   75
NTDB id 498 SM12261 RS01980 WP 000282464.1  .MYNKVIMIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGKLAESLASYATKGSLISVDGE   76
NTDB id 526 SMSK321 RS08825 WP 000282440.1  .MYNKVILIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 158 SP RS09595 WP 000282442.1       .MYNKVILIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 268 KZH43 RS08520 WP 000282467.1    .MYNKVIMIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 227 SPD RS09110 WP 000282467.1      .MYNKVIMIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 193 SPR RS08685 WP 000282467.1      .MYNKVIMIGRLTSTPELHK.TNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 583 DLJ51 RS09560 WP 002962590.1    .MYNKVILIGRLTAAPEMVK.TPSNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGE   76
NTDB id 409 SMU RS08940 WP 002263454.1      .MYNKVILIGRLVATPEMVK.TPKDKSVTRVTLAVNRRFKSQDGEKQ..ADFVNVVLWGRLAETIASYGSKGSLISLDGE   76
NTDB id 127895 CPAST RS13945 WP 003443117.1 ..MNKVLLVGRLVRDPELKHIESNGREVCNFTVAVNRNFINAKGERE..ADFVPVVVWGKTAELVCNYMKKGRLLSISGR   76
NTDB id 624 LCA RS00040 WP 011373726.1      .MINRVVLVGRLTRDVDLRY.TSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGR   76
NTDB id 113 BSU 40900 NP 391970.1           .MLNRVVLVGRLTKDPELRY.TPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGR   76
NTDB id 112 BSU 36310 NP 391512.2           .MFNQVMLVGRLTKDPDLRY.TSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGR   76
consensus                                    **!*****!!!*  *** * * * ****  **!****** **!***  ************!!****** !!*!****!*
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logo
NTDB id 1131 NGFG RS05740 WP 003695064.1     IQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA......PYDEG.........YGQSQEAYQRPAQQSRQPAPDAP   144
NTDB id 1103 NMB RS07590 WP 002212976.1     IQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA......PYEEG.........YGQSQEAYQRPAQQSRQPASDAP   144
NTDB id 597 KW2 RS01935 WP 021036727.1      IRTRNYTDKNEQKHYITEILGLSYDLLESRATLALRESAV..K.......................................   116
NTDB id 498 SM12261 RS01980 WP 000282464.1  LRTRRFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 526 SMSK321 RS08825 WP 000282440.1  LRTRRFE.KNGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 158 SP RS09595 WP 000282442.1       LRTRRFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 268 KZH43 RS08520 WP 000282467.1    LRTRRFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 227 SPD RS09110 WP 000282467.1      LRTRRFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 193 SPR RS08685 WP 000282467.1      LRTRRFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD........................................   118
NTDB id 583 DLJ51 RS09560 WP 002962590.1    IRTRHYE.KDGQTHYVTEILAQSFQLLESRAQRALRENNGASD........................................   118
NTDB id 409 SMU RS08940 WP 002263454.1      LRTRKYE.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSEND........................................   118
NTDB id 127895 CPAST RS13945 WP 003443117.1 LQIRSYETKDGNRKYVTEVIGEEVLFLDSKKESAS...........................................   111
NTDB id 624 LCA RS00040 WP 011373726.1      LQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAP.....   144
NTDB id 113 BSU 40900 NP 391970.1           LQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN.....   146
NTDB id 112 BSU 36310 NP 391512.2           IQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD......................................   113
consensus                                   ***!*** ****  ******   ********  ****
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logo
                                                                                  LADLVLEEEELPF
                                                                                  SHPQEAPAAPRRQPVP...AAAPVEDIDDDIPF
NTDB id 1131 NGFG RS05740 WP 003695064.1     SHPQEAPAAPRRQPVP...AAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      SHPQEAPAAPRRQPVP...AAAPVEDIDDDIPF   174
NTDB id 597 KW2 RS01935 WP 021036727.1       ....................TEELLLEADELPF   129
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 583 DLJ51 RS09560 WP 002962590.1     ....................LTDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1       ....................LADLVLEEEELPF   131
NTDB id 127895 CPAST RS13945 WP 003443117.1  ................................   111
NTDB id 624 LCA RS00040 WP 011373726.1       .......AANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            .......QGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
consensus                                                          **********
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X non conserved

X similar

X $\geq$ 50% conserved