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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGR   76
NTDB id 113 BSU 40900 NP 391970.1             ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGR   76
NTDB id 258035 CWI35 RS11980 WP 011232661.1   MRQHMINQVVLVGRLTKDPELRYTAEGAAVATVTLAVARNFRNAEGGIDADFVPCVLWRKTAEHTANYCRKGSMVAVTGR   80
NTDB id 112 BSU 36310 NP 391512.2             ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGR   76
NTDB id 597 KW2 RS01935 WP 021036727.1        .....MNKTMLIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISIILWGKSAETLVSYAKKGSLISVEGE   75
NTDB id 498 SM12261 RS01980 WP 000282464.1    ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGE   76
NTDB id 526 SMSK321 RS08825 WP 000282440.1    ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 158 SP RS09595 WP 000282442.1         ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 268 KZH43 RS08520 WP 000282467.1      ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 227 SPD RS09110 WP 000282467.1        ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 193 SPR RS08685 WP 000282467.1        ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGE   76
NTDB id 583 DLJ51 RS09560 WP 002962590.1      ....MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGE   76
NTDB id 409 SMU RS08940 WP 002263454.1        ....MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGE   76
consensus                                        **!*****!!!*  *** *! * ***** **!*!*** * !***!!******!***!!****** !!!*****!*
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1        LQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......QQSGFTSPQQTGNAPAANNT   149
NTDB id 113 BSU 40900 NP 391970.1             LQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSF   151
NTDB id 258035 CWI35 RS11980 WP 011232661.1   IQTRRYDKKDGQRVYVTEVVAESVQFLHSGKKPEWPEH.....V.......................................   119
NTDB id 112 BSU 36310 NP 391512.2             IQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
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
consensus                                     **!!***  ****   ***!**    ****************** *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 624 LCA RS00040 WP 011373726.1        QADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1             NDDPFANDGKPIDISDDDLPF   172
NTDB id 258035 CWI35 RS11980 WP 011232661.1   ......................   119
NTDB id 112 BSU 36310 NP 391512.2             ......................   113
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
consensus                                             * ***********
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X non conserved
X similar
X $\geq$ 50% conserved