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NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
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 583 DLJ51 RS09560 WP 002962590.1     .MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTRHY   82
NTDB id 409 SMU RS08940 WP 002263454.1       .MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQ..ADFVNVVLWGRLAETIASYGSKGSLISLDGELRTRKY   82
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNY   82
NTDB id 112 BSU 36310 NP 391512.2           .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSY   82
NTDB id 397281 BR63 RS13045 WP 034422668.1  .MLNRVILIGRLTKDPELRYTPSGTAVATFTLAVNRNRTNQEGERE..ADFIPIVVWQKQAENCANFIGKGSLVAIDGRLQVRTY   82
NTDB id 113 BSU 40900 NP 391970.1           .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNY   82
consensus                                     **!*!***!!!*  *** **  * **!*  **!*********!***  ************!!****** !!*!****!****!**
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NTDB id 1131 NGFG RS05740 WP 003695064.1     QGKDGIERTAYDIVANEMKMLGGRNENSGG......APYDEG.........YGQSQEAYQRPAQQSRQPAPDAPSHPQEAPAAPR  155
NTDB id 1103 NMB RS07590 WP 002212976.1      QGKDGIERTAYDIVANEMKMLGGRNENSGG......APYEEG.........YGQSQEAYQRPAQQSRQPASDAPSHPQEAPAAPR  155
NTDB id 498 SM12261 RS01980 WP 000282464.1   E.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 526 SMSK321 RS08825 WP 000282440.1   E.KNGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 158 SP RS09595 WP 000282442.1        E.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 268 KZH43 RS08520 WP 000282467.1     E.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 227 SPD RS09110 WP 000282467.1       E.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 193 SPR RS08685 WP 000282467.1       E.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD................................................  118
NTDB id 583 DLJ51 RS09560 WP 002962590.1     E.KDGQTHYVTEILAQSFQLLESRAQRALRENNGASD................................................  118
NTDB id 409 SMU RS08940 WP 002263454.1       E.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSEND................................................  118
NTDB id 624 LCA RS00040 WP 011373726.1       ENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNG.......SQQSGFTSPQQTGNAP............AANN  148
NTDB id 112 BSU 36310 NP 391512.2           ENEEGVNVYVTEVLADTVRFMDPKPREKAAD......................................................  113
NTDB id 397281 BR63 RS13045 WP 034422668.1  DGKDGQRRWVTEVVAENVRFLDRREGGGSQGIS.....T..........F...................................  117
NTDB id 113 BSU 40900 NP 391970.1           ENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGG.....YNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN............QGNS  150
consensus                                    * **!*  ******   ****************** *
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NTDB id 1131 NGFG RS05740 WP 003695064.1     RQPV...PAAAPVEDIDDDIPF  174
NTDB id 1103 NMB RS07590 WP 002212976.1      RQPV...PAAAPVEDIDDDIPF  174
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 624 LCA RS00040 WP 011373726.1       TQADPFANNGQAIDISDDDLPF  170
NTDB id 112 BSU 36310 NP 391512.2           ......................  113
NTDB id 397281 BR63 RS13045 WP 034422668.1  .........GSEVEFTDDDIPF  130
NTDB id 113 BSU 40900 NP 391970.1           FNDDPFANDGKPIDISDDDLPF  172
consensus                                             *************
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X non conserved
X similar
X $\geq$ 50% conserved