```
logo
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 1105320 ACNSPE RS25680 WP 419393277.1  MINQVTLVGRLTKDPELKRTAEGTPVTNVTLAVNRQYRNQLGEIDADFVQCTLWRKVAENTSRYCRKGSLIGITGRIQTR   80
NTDB id 112 BSU 36310 NP 391512.2               MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 597 KW2 RS01935 WP 021036727.1          .MNKTMLIGRLTNAPEISKTTNNKSYVRVTLAVNRRFKNEKGEREADFISIILWGKSAETLVSYAKKGSLISVEGEIRTR   79
NTDB id 498 SM12261 RS01980 WP 000282464.1      MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTR   80
NTDB id 526 SMSK321 RS08825 WP 000282440.1      MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 158 SP RS09595 WP 000282442.1           MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 268 KZH43 RS08520 WP 000282467.1        MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 227 SPD RS09110 WP 000282467.1          MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 193 SPR RS08685 WP 000282467.1          MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1        MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
NTDB id 409 SMU RS08940 WP 002263454.1          MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGELRTR   80
consensus                                       **!*****!!!*  *** *! * ***** **!!!!*** * !***!!******!***!!****** !!!!****!***!!

logo
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAANNTQADPFANNG   158
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG   160
NTDB id 1105320 ACNSPE RS25680 WP 419393277.1  HYDNQAGKRVYVTEVWADSVKFLDQKKPDETYAPAAREG.......................................   119
NTDB id 112 BSU 36310 NP 391512.2               SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
NTDB id 597 KW2 RS01935 WP 021036727.1          NYTDKNEQKHYITEILGLSYDLLESRATLALRESAV...................................KT   117
NTDB id 498 SM12261 RS01980 WP 000282464.1      RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 526 SMSK321 RS08825 WP 000282440.1      RFE.KNGQMNYVAEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 158 SP RS09595 WP 000282442.1           RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 268 KZH43 RS08520 WP 000282467.1        RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 227 SPD RS09110 WP 000282467.1          RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 193 SPR RS08685 WP 000282467.1          RFE.KNGQMNYVTEVLVTGFQLLESRAQRAMRENNAG...................................QDL   119
NTDB id 583 DLJ51 RS09560 WP 002962590.1        HYE.KDGQTHYVTEILAQSFQLLESRAQRALRENNGA...................................SDL   119
NTDB id 409 SMU RS08940 WP 002263454.1          KYE.KDGVTHFVTEVLGHSFQLLESRAQRAMRENNSE...................................NDL   119
consensus                                        ** ****  ***!**   ******************                                     ***

logo
NTDB id 624 LCA RS00040 WP 011373726.1          QAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1               KPIDISDDDLPF   172
NTDB id 1105320 ACNSPE RS25680 WP 419393277.1  ............   119
NTDB id 112 BSU 36310 NP 391512.2               ............   113
NTDB id 597 KW2 RS01935 WP 021036727.1          EELLLEADELPF   129
NTDB id 498 SM12261 RS01980 WP 000282464.1      ADLVLEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1      ADLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1           ADLVLEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1        ADLVLEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1          ADLVLEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1          ADLVLEEEELPF   131
NTDB id 583 DLJ51 RS09560 WP 002962590.1        TDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1          ADLVLEEEELPF   131
consensus                                        ***********
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X non conserved
X similar
X $\geq$50% conserved