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NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 498 SM12261 RS01980 WP 000282464.1   ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGKLAESLASYATKGSLISV   73
NTDB id 526 SMSK321 RS08825 WP 000282440.1   ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGRLAETLASYATKGSLISV   73
NTDB id 268 KZH43 RS08520 WP 000282467.1     ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGRLAETLASYATKGSLISV   73
NTDB id 227 SPD RS09110 WP 000282467.1       ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGRLAETLASYATKGSLISV   73
NTDB id 193 SPR RS08685 WP 000282467.1       ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGRLAETLASYATKGSLISV   73
NTDB id 158 SP RS09595 WP 000282442.1        ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNG...EREADFVNMVLWGRLAETLASYATKGSLISV   73
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ....MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDG...ERQADFVNVVFWGKLAESLVSYAGKGSLVSL   73
NTDB id 409 SMU RS08940 WP 002263454.1       ....MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDG...EKQADFVNVVLWGRLAETIASYGSKGSLISL   73
NTDB id 188449 A4W75 RS04825 WP 253732159.1 ....MINRVVIIGRLTRDVDLRYTQSGTAVGQFNLAVNRQFTNANG...DREADFINCIIWRKSAENLSNFTHKGSLIGI   73
NTDB id 624 LCA RS00040 WP 011373726.1       ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 113 BSU 40900 NP 391970.1            ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2            ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG...EIEADYVNCTLWRKTAENTALYCQKGSLVGV   73
consensus                                        **!*!***!*!*  *** **   **!*  **!****** ***   ***************!!****** !!!****
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NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQG.G....MNVPAQQGSWGQPQQPAKQHQPMQQSA   155
NTDB id 498 SM12261 RS01980 WP 000282464.1   DGELRTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 526 SMSK321 RS08825 WP 000282440.1   DGELRTRRFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 268 KZH43 RS08520 WP 000282467.1     DGELRTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 227 SPD RS09110 WP 000282467.1       DGELRTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 193 SPR RS08685 WP 000282467.1       DGELRTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 158 SP RS09595 WP 000282442.1        DGELRTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG....................................   116
NTDB id 583 DLJ51 RS09560 WP 002962590.1     DGEIRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGA....................................   116
NTDB id 409 SMU RS08940 WP 002263454.1       DGELRTRKYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSE....................................   116
NTDB id 188449 A4W75 RS04825 WP 253732159.1 EGRLQTRNYENKEGQRVYVTEVVVDSFSLLEPKASGGASDTQ......SANRT................QSAP.......   124
NTDB id 624 LCA RS00040 WP 011373726.1       DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAP..A....   145
NTDB id 113 BSU 40900 NP 391970.1            DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN..Q....   147
NTDB id 112 BSU 36310 NP 391512.2            SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD........................................   113
consensus                                    *!***!!**** *!*  ***!***  ******************
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NTDB id 1166 A1552VC RS00795 WP 000168289.1  PQQYS.QP..QYNEPPMDFDDDIPF   177
NTDB id 498 SM12261 RS01980 WP 000282464.1   ..........QDLADLVLEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   ..........QDLADLVLEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1     ..........QDLADLVLEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1       ..........QDLADLVLEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1       ..........QDLADLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1        ..........QDLADLVLEEEELPF   131
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ..........SDLTDLVLEEEELPF   131
NTDB id 409 SMU RS08940 WP 002263454.1       ..........NDLADLVLEEEELPF   131
NTDB id 188449 A4W75 RS04825 WP 253732159.1 QQNYQSNP.LANGQAIDISDADLPF   148
NTDB id 624 LCA RS00040 WP 011373726.1       ANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            .........................   113
consensus                                              *** ***********
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X non conserved

X similar

X $\geq$ 50% conserved