```
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
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR  80
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR  80
NTDB id 283687 C7M41 RS07335 WP 128211868.1  MINRTVLIGRLTKDVELRHTAKGDAVASFTVAVNRQFTNSQGEREADFINCVMWRKAAENFAKYTQKGSLVGIDGRIQTR  80
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR  80
consensus                                    !*!*****!!!* **** *! ****!** **!!!!*** **!***!!**!***!***!!*******!!!!****!***!!
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NTDB id 498 SM12261 RS01980 WP 000282464.1   RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 526 SMSK321 RS08825 WP 000282440.1   RFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 158 SP RS09595 WP 000282442.1        RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 268 KZH43 RS08520 WP 000282467.1     RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 227 SPD RS09110 WP 000282467.1       RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 193 SPR RS08685 WP 000282467.1       RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.....................................  117
NTDB id 583 DLJ51 RS09560 WP 002962590.1     HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGAS.....................................  117
NTDB id 409 SMU RS08940 WP 002263454.1       KYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSEN.....................................  117
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD...........................................  113
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP  155
NTDB id 283687 C7M41 RS07335 WP 128211868.1  SYENQQGQRVYVTEVVADNFSLLDSKPKGNQQNN.....................................ARQASTPGDL  124
NTDB id 624 LCA RS00040 WP 011373726.1       NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.....QQSGFTSPQQTGNAPAANNTQADP  153
consensus                                    **!* *!*  *!*!***  ********************
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NTDB id 498 SM12261 RS01980 WP 000282464.1   ...DLADLVLEEEEELPF  131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   ...DLADLVLEEEEELPF  131
NTDB id 158 SP RS09595 WP 000282442.1        ...DLADLVLEEEEELPF  131
NTDB id 268 KZH43 RS08520 WP 000282467.1     ...DLADLVLEEEEELPF  131
NTDB id 227 SPD RS09110 WP 000282467.1       ...DLADLVLEEEEELPF  131
NTDB id 193 SPR RS08685 WP 000282467.1       ...DLADLVLEEEEELPF  131
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ...DLTDLVLEEEEELPF  131
NTDB id 409 SMU RS08940 WP 002263454.1       ...DLADLVLEEEEELPF  131
NTDB id 112 BSU 36310 NP 391512.2            ................    113
NTDB id 113 BSU 40900 NP 391970.1            FANDGKPIDISDDDLPF   172
NTDB id 283687 C7M41 RS07335 WP 128211868.1  FANGGQSIDISDDQLPF   141
NTDB id 624 LCA RS00040 WP 011373726.1       FANNGQAIDISDDDLPF   170
consensus                                       ***************
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X non conserved
X similar
X ≥ 50% conserved