```
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 218027 ERICV RS10360 WP 172423267.1  MLNRVVLIGRLTKDPELRYTSSGIAYTSFTLAVERPFKT.NGDKETDFINIVTWRQAAEACANYLRKGRLTAVEGRIQVR  79
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR  80
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR  80
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR  80
consensus                                    !*!*!***!!!* **** *! ******* **!!*!*** **!****!**!***!***!!*******!!*!****!****!
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NTDB id 526 SMSK321 RS08825 WP 000282440.1   RFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAG.....................................................  116
NTDB id 158 SP RS09595 WP 000282442.1        RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....................................................  116
NTDB id 268 KZH43 RS08520 WP 000282467.1     RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....................................................  116
NTDB id 227 SPD RS09110 WP 000282467.1       RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....................................................  116
NTDB id 193 SPR RS08685 WP 000282467.1       RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAG.....................................................  116
NTDB id 583 DLJ51 RS09560 WP 002962590.1     HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGA.....................................................  116
NTDB id 409 SMU RS08940 WP 002263454.1       KYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSE.....................................................  116
NTDB id 218027 ERICV RS10360 WP 172423267.1  NYENNEGRRIYVTEVVADNVRFLESSKKNNDTLNTEDSSN...................................................  119
NTDB id 624 LCA RS00040 WP 011373726.1       NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADP  153
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP  155
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....................................................  113
consensus                                    **!* *!*  *!*!***  ******************
```

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NTDB id 526 SMSK321 RS08825 WP 000282440.1   ..QDLADLVLEEEEELPF  131
NTDB id 158 SP RS09595 WP 000282442.1        ..QDLADLVLEEEEELPF  131
NTDB id 268 KZH43 RS08520 WP 000282467.1     ..QDLADLVLEEEEELPF  131
NTDB id 227 SPD RS09110 WP 000282467.1       ..QDLADLVLEEEEELPF  131
NTDB id 193 SPR RS08685 WP 000282467.1       ..QDLADLVLEEEEELPF  131
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ..SDLTDLVLEEEEELPF  131
NTDB id 409 SMU RS08940 WP 002263454.1       ..NDLADLVLEEEEELPF  131
NTDB id 218027 ERICV RS10360 WP 172423267.1  ..QESAPVDISDGLPF    133
NTDB id 624 LCA RS00040 WP 011373726.1       FANNGQAIDISDDDLPF  170
NTDB id 113 BSU 40900 NP 391970.1            FANDGKPIDISDDDLPF  172
NTDB id 112 BSU 36310 NP 391512.2            ................  113
consensus                                      ***************
```

X non conserved
X similar
X ≥ 50% conserved