```
logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTR   80
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 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2               MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 1012283 ABU975 RS08730 WP 002365911.1   MINNVTLVGRLTKDPDLRYTQSGTAVGQFTLAINRNFTNANNEREADFINCVIWRKAAESLANYATKGTLIGLTGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                       !*!*!***!!!!*******!*****!*****!*!!**********!!**!***!***!!*******!!*!****!***!!

logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        HYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASDLT........................................   120
NTDB id 498 SM12261 RS01980 WP 000282464.1      RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 526 SMSK321 RS08825 WP 000282440.1      RFEK.NGQMNYVAEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 158 SP RS09595 WP 000282442.1           RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 268 KZH43 RS08520 WP 000282467.1        RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 227 SPD RS09110 WP 000282467.1          RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 193 SPR RS08685 WP 000282467.1          RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDLA........................................   120
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGG.....YNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP   155
NTDB id 112 BSU 36310 NP 391512.2               SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD................................................   113
NTDB id 1012283 ABU975 RS08730 WP 002365911.1   NYENQQGQRIYVTEVVTESFQLLESREVNEQRKEQATGKATFD.......................KQSMDKPDPLDP   135
NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......QQSGFTSPQQTGNAPAANNTQADP   153
consensus                                       **!* *!****!*!**************************

logo

NTDB id 583 DLJ51 RS09560 WP 002962590.1        ......DLVLEEEELPF   131
NTDB id 498 SM12261 RS01980 WP 000282464.1      ......DLVLEEEELPF   131
NTDB id 526 SMSK321 RS08825 WP 000282440.1      ......DLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1           ......DLVLEEEELPF   131
NTDB id 268 KZH43 RS08520 WP 000282467.1        ......DLVLEEEELPF   131
NTDB id 227 SPD RS09110 WP 000282467.1          ......DLVLEEEELPF   131
NTDB id 193 SPR RS08685 WP 000282467.1          ......DLVLEEEELPF   131
NTDB id 113 BSU 40900 NP 391970.1               FANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2               ................    113
NTDB id 1012283 ABU975 RS08730 WP 002365911.1   FSPENSIVDISDNDLPF   152
NTDB id 624 LCA RS00040 WP 011373726.1          FANNGQAIDISDDDLPF   170
consensus                                             ***********
```

X non conserved

X similar

X ≥ 50% conserved