```
logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 1103 NMB RS07590 WP 002212976.1       MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 583 DLJ51 RS09560 WP 002962590.1      .MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGEI   77
NTDB id 158 SP RS09595 WP 000282442.1         .MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGERE..ADFVNMVLWGRLAETLASYATKGSLISVDGEL   77
NTDB id 113 BSU 40900 NP 391970.1             .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRL   77
NTDB id 112 BSU 36310 NP 391512.2             .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGRI   77
NTDB id 183270 LLUC77 RS08185 WP 010905690.1  .MINNVVLVGRLTRDPELRHTPQNQAVGTFGLAVNRQFKNANGERE..ADFINCVIWRQQAENLAKFAKKGALIGITGRI   77
NTDB id 624 LCA RS00040 WP 011373726.1        .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRL   77
consensus                                      **!*!*!*!!!*********** *!* ***!*** *   *!***  ****! ***** !!  * * *!!*!* **!**

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA....PY......DEGYGQSQEAYQRPAQQSRQPAPDAPSHPQEA   150
NTDB id 1103 NMB RS07590 WP 002212976.1       QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGA....PY......EEGYGQSQEAYQRPAQQSRQPASDAPSHPQEA   150
NTDB id 583 DLJ51 RS09560 WP 002962590.1      RTRHYEK.DGQTHYVTEILAQSFQLLESRAQRALRENNGASD.......................................   118
NTDB id 158 SP RS09595 WP 000282442.1         RTRRFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.......................................   118
NTDB id 113 BSU 40900 NP 391970.1             QTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGN...SFNDD   154
NTDB id 112 BSU 36310 NP 391512.2             QTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.............................................   113
NTDB id 183270 LLUC77 RS08185 WP 010905690.1  QTRNYENQQGQKVYVTEVVADTFQMLESNKTQGQQTSKPQAQNKK................PQA...PDPFK...APAAD   135
NTDB id 624 LCA RS00040 WP 011373726.1        QTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAAN...NTQAD   152
consensus                                     **! **   !*  *******    *** *

logo
NTDB id 1131 NGFG RS05740 WP 003695064.1      PAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       PAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 583 DLJ51 RS09560 WP 002962590.1      ...........LTDLVLEEEELPF   131
NTDB id 158 SP RS09595 WP 000282442.1         ...........LADLVLEEEELPF   131
NTDB id 113 BSU 40900 NP 391970.1             PFA......NDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2             ........................   113
NTDB id 183270 LLUC77 RS08185 WP 010905690.1  PFA......G...GTEISDDDLPF   150
NTDB id 624 LCA RS00040 WP 011373726.1        PFA......NNGQAIDISDDDLPF   170
consensus                                     * *            *** ******
```

X non conserved

X similar

X $\geq$ 50% conserved