```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMP.NGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGR   79
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .MYNKVILIGRLTAAPEMVKTP.SNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGE   76
NTDB id 280537 C7M56 RS17680 WP 003359348.1 ..MNKVVLIGRLTKDPELKFTPGNGTAVATFTLAVDRRFSK.DGQRE..ADFIPIVVWGKQAESTANYMSKGKLMGVSGR   75
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTS.SGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGR   76
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTP.NGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGR   76
NTDB id 112 BSU 36310 NP 391512.2            .MFNQVMLVGRLTKDPDLRYTS.AGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGR   76
consensus                                     **!*!*!*!!!*********** * *!* ***!*** *    !***  ***** ***** !!  ***  !!*!****!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      IQSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGAPYEEGY.................GQSQEAYQRPAQQSRQPASD  142
NTDB id 583 DLJ51 RS09560 WP 002962590.1     IRTRHYEK.DGQTHYVTEILAQSFQLLESRAQRAL..RENNGASDL.................................  119
NTDB id 280537 C7M56 RS17680 WP 003359348.1 IQTRSYEAKDGTRRYVTEVIAEEVKFLEWGNKPTTDSTYNNGSEPSYQSGQ.....GFG..................NGN  132
NTDB id 624 LCA RS00040 WP 011373726.1       LQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQ..RQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAAN  147
NTDB id 113 BSU 40900 NP 391970.1            LQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGS..GSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGN  149
NTDB id 112 BSU 36310 NP 391512.2            IQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKA..AD.......................................  113
consensus                                    ***! !*  *!   ******** *  ** *            *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ....................TDLVLEEEELPF   131
NTDB id 280537 C7M56 RS17680 WP 003359348.1  S...FDD.............DIIPVDDGDIPF   148
NTDB id 624 LCA RS00040 WP 011373726.1       N...TQADPFA......NNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1            S...FNDDPFA......NDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
consensus                                                         * * ******
```

X non conserved

X similar

X $\geq$ 50% conserved