logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMP.NGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQQYLKKGGLVYLEGR   79
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .MYNKVILIGRLTAAPEMVKTP.SNKSVTHITLAVNRRFKTQDGERQ..ADFVNVVFWGKLAESLVSYAGKGSLVSLDGE   76
NTDB id 239179 CGS26 RS18825 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 239179 CGS26 RS18825 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 239179 CGS26 RS18825 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 ≥ 50% conserved