```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDR..EADFINCVIWRKSAENFANFTKKGSLVGVDGRL   77
NTDB id 112 BSU 36310 NP 391512.2            .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEI..EADYVNCTLWRKTAENTALYCQKGSLVGVSGRI   77
NTDB id 983992 NSQ95 RS19375 WP 169359814.1 .MINRVVLVGRLTKDPELRYTPSGVAMARFTLAVNRTFSNQQGER..EADFINCVVWRKQAENTANFLKKGSLAGVEGRI   77
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGER..EADFINCVTWRRQAENVANFLKKGSLAGVDGRL   77
consensus                                     **!*!*!*!!!**!***!!** ! !** ***!***** * *!**  *****!* **!* !!* *****!!*!****!!*

logo
NTDB id 1103 NMB RS07590 WP 002212976.1      QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGG.APYEEGYGQSQEAYQRPAQQS.RQPASDAPSHPQEAPAAPRRQP   158
NTDB id 1131 NGFG RS05740 WP 003695064.1     QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGG.APYDEGYGQSQEAYQRPAQQS.RQPAPDAPSHPQEAPAAPRRQP   158
NTDB id 624 LCA RS00040 WP 011373726.1       QTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGAS......QNFNSNQSNGSQQSGFTSPQQTGNAPAANNTQA   151
NTDB id 112 BSU 36310 NP 391512.2            QTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.............................................   113
NTDB id 983992 NSQ95 RS19375 WP 169359814.1 QTGSYEGQDGKRVYTTDVVADSVQFLEPRGGSGERS........QGGQSYGGGQQNSN...PTYQQNQPMNQQNYTRVDE   146
NTDB id 113 BSU 40900 NP 391970.1            QTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGG.QNDN...PFGGNQNNQRRNQGNSFND   153
consensus                                    !** !*  *!  ** ****** *  ** *     * *           *    **                  *   *

logo
NTDB id 1103 NMB RS07590 WP 002212976.1      V...PAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     V...PAAAPVEDIDDDIPF   174
NTDB id 624 LCA RS00040 WP 011373726.1       DPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2            ....................   113
NTDB id 983992 NSQ95 RS19375 WP 169359814.1  DPFGNSSGPIEVSDDDLPF   165
NTDB id 113 BSU 40900 NP 391970.1            DPFANDGKPIDISDDDLPF   172
consensus                                          * ***  ******
```

X non conserved

X similar

X $\geq$ 50% conserved