```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1        MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 1131 NGFG RS05740 WP 003695064.1       MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRI   80
NTDB id 219517 LS41612 RS22540 WP 024362647.1 .MINRVVLVGRLTKDPELRYTPNGIASCRFTVAVNRAFNKEGEEKQ..ADFISCVAWRKQAENLANFMKKGNLIGLEGRI   77
NTDB id 113 BSU 40900 NP 391970.1              .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRL   77
NTDB id 624 LCA RS00040 WP 011373726.1         .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRL   77
consensus                                       **!*!*!*!!!**!***!!***! !** !**!******  ****   ********!* !!* ****!!! !****!!*

logo
NTDB id 1103 NMB RS07590 WP 002212976.1        QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGAPY..EEGYGQS...QEAYQRPAQQSRQPASDAPSHPQEAPAAPR  155
NTDB id 1131 NGFG RS05740 WP 003695064.1       QSRKYQGKDGIERTAYDIVANEMKMLGGRNENSGGAPY..DEGYGQS...QEAYQRPAQQSRQPAPDAPSHPQEAPAAPR  155
NTDB id 219517 LS41612 RS22540 WP 024362647.1 QTGSYEGHDGKRVYTTDVVADSIQFLELRNSTGGAQS...TPNYQSSTNTGGTYQNP.......PQGNYGGNNNQPSYTR  147
NTDB id 113 BSU 40900 NP 391970.1              QTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGS.....GGYNEGNSGGGQYFGGGQNDN..PFGGNQNNQRRNQGNS  150
NTDB id 624 LCA RS00040 WP 011373726.1         QTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QS..GFTSPQQTGNAPAANN  148
consensus                                      !** !** *! *** ****** * *!* **   **       *** *   *  ** ****    *  **   * **** *

logo
NTDB id 1103 NMB RS07590 WP 002212976.1        RQPV...PAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       RQPV...PAAAPVEDIDDDIPF   174
NTDB id 219517 LS41612 RS22540 WP 024362647.1 VDEDPFANSKGPIEVSQDDLPF   169
NTDB id 113 BSU 40900 NP 391970.1              FNDDPFANDGKPIDISDDDLPF   172
NTDB id 624 LCA RS00040 WP 011373726.1         TQADPFANNGQAIDISDDDLPF   170
consensus                                       * ***** ********!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved