```
logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 498 SM12261 RS01980 WP 000282464.1  MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGKLAESLASYATKGSLISVDGELRTRRFEK.    84
NTDB id 158 SP RS09595 WP 000282442.1       MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTRRFEK.    84
NTDB id 583 DLJ51 RS09560 WP 002962590.1    MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQDGERQADFVNVVFWGKLAESLVSYAGKGSLVSLDGEIRTRHYEK.    84
NTDB id 409 SMU RS08940 WP 002263454.1      MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGELRTRKYEK.    84
NTDB id 624 LCA RS00040 WP 011373726.1      MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ    85
NTDB id 112 BSU 36310 NP 391512.2           MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE    85
NTDB id 122318 EP54 RS10355 WP 047335183.1  MLNRVVLVGRLTKDPELRSTPNGVNVGTFTLAVNRTFTNAQGEREADFINCVTFRKQADNVNNYLSKGSLAGVDGRLQSRSYENQ    85
NTDB id 113 BSU 40900 NP 391970.1           MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ    85
consensus                                   !*!*!***!!!*  ***  !     !*  **!!!! ** * !***!!**! *** * !* ** *  !!!!* **! * *! *!

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 498 SM12261 RS01980 WP 000282464.1  NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVLEEEEL   129
NTDB id 158 SP RS09595 WP 000282442.1       NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQDL.......................................ADLVLEEEEL   129
NTDB id 583 DLJ51 RS09560 WP 002962590.1    DGQTHYVTEILAQSFQLLESRAQRALRENNGASDL.......................................TDLVLEEEEL   129
NTDB id 409 SMU RS08940 WP 002263454.1      DGVTHFVTEVLGHSFQLLESRAQRAMRENNSENDL.......................................ADLVLEEEEL   129
NTDB id 624 LCA RS00040 WP 011373726.1      QGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAANNTQADPFANNGQAIDISDDDL   168
NTDB id 112 BSU 36310 NP 391512.2           EGVNVYVTEVLADTVRFMDPKPREKAAD...............................................   113
NTDB id 122318 EP54 RS10355 WP 047335183.1  EGRRVFVTEVVCDSVQFLEPKNNNQQPNNNYHQQGQTQ.......TGNNPFD........NTETDFSDLPF..............   141
NTDB id 113 BSU 40900 NP 391970.1           QGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDISDDDL   170
consensus                                    !*  *!!!**  ******** * * ****                                          * * ****

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 498 SM12261 RS01980 WP 000282464.1  PF   131
NTDB id 158 SP RS09595 WP 000282442.1       PF   131
NTDB id 583 DLJ51 RS09560 WP 002962590.1    PF   131
NTDB id 409 SMU RS08940 WP 002263454.1      PF   131
NTDB id 624 LCA RS00040 WP 011373726.1      PF   170
NTDB id 112 BSU 36310 NP 391512.2           ..   113
NTDB id 122318 EP54 RS10355 WP 047335183.1  ..   141
NTDB id 113 BSU 40900 NP 391970.1           PF   172
consensus                                   **
```

X non conserved

X similar

X $\geq$ 50% conserved