```
logo

NTDB id 1471 ASU2 RS04565 WP 014991634.1   MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYVEGRLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1     ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDR...EADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2          ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEI...EADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 93514 DB29 RS10025 WP 011248939.1  ..MLNRVVLVGRLTRDPELRFTPNGVAVANFTLAVNRPFSNQQGER...EADFINCVVWRKPAENVANFLKKGSLAGVDGRVQTR   80
NTDB id 113 BSU 40900 NP 391970.1          ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGER...EADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                   **!*!**!!*!**!***!****!*!!* ***!***** **** ********** !!* *****!!!***!*!!**!!

logo

NTDB id 1471 ASU2 RS04565 WP 014991634.1   KWQDQNGQDRYTTEIQGDVLQMLGGRNQGGDFGGNQGGWGNSAP.....APQQSYNQGNSGYGYDQTASRPAQQAAKQAAKPAQA   165
NTDB id 624 LCA RS00040 WP 011373726.1     NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ.NFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADPFANN   157
NTDB id 112 BSU 36310 NP 391512.2          SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 93514 DB29 RS10025 WP 011248939.1  SYDNNEGRRVFVTEIVAESVQFLEPRNSQNQSSGNNPGFDQYGAGNQGSGNQT................GGSRSNGYDNDPFSND   149
NTDB id 113 BSU 40900 NP 391970.1          NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGG......YNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFAND   159
consensus                                   *****!*****!!*************       *      **   *   **          *   *        *  * *****

logo

NTDB id 1471 ASU2 RS04565 WP 014991634.1   EPPMDNFDDDIPF   178
NTDB id 624 LCA RS00040 WP 011373726.1     GQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2          .............   113
NTDB id 93514 DB29 RS10025 WP 011248939.1  G.SIDISDDDLPF   161
NTDB id 113 BSU 40900 NP 391970.1          GKPIDISDDDLPF   172
consensus                                  *  **********
```

X non conserved

X similar

X $\geq$ 50% conserved