```
logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1042657 O0236 RS00365 WP 268912201.1 ....MLNRAMLTGRLTRDVDLRYTQSGTAVGTFTLAVDRQFTNQQG...EREADFINCVIWRKSAENFANFVHKGSLVGI   73
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG...DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 113 BSU 40900 NP 391970.1             ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG...EREADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2             ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG...EIEADYVNCTLWRKTAENTALYCQKGSLVGV   73
consensus                                         **!***!*!*!**!***!!* *!*!!*****!*******  *   ***************!!* *****!!!****

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPA..........QQGSWGQPQQPAKQHQP   150
NTDB id 1042657 O0236 RS00365 WP 268912201.1 DGRIQTRNYENQQGQRVYVTEVVVENFALLEPRSNRDNNNQ.GAPQGGN......A.......PQQGNGNPFGNTSNNSN   139
NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......QQSGFTSPQQTGNAPAA   146
NTDB id 113 BSU 40900 NP 391970.1             DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQG   148
NTDB id 112 BSU 36310 NP 391512.2             SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
consensus                                     *!**!!!******!*****!!!*** *  ****      **    ** *              **  ** ***

logo
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1042657 O0236 RS00365 WP 268912201.1 ..SSAPA.DPFANSGDSIDISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1        ..NNTQA.DPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1             ..NSFND.DPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2             ............................   113
consensus                                       **    ***** *  **********
```

X non conserved

X similar

X ≥ 50% conserved