logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGQD..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 986096 MHI58 RS19685 WP 045034920.1  ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEE..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEE..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                      **!*!**!!*!**!***!****!*!!*****!******** ** *  ********* *!**!!* *****!!!***!*!
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQ.............APAQTNYNQGGYSDNYAQNNN  148
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG......ASQNFNSNQSNG......SQQSGFTSPQQ.TGN  142
NTDB id 986096 MHI58 RS19685 WP 045034920.1  RLQTRNYENQQGQRVFVTEVQAESVQFLEPKSG.GAGSGGYSGGGNSGGQYYGGSQNDQNPFGNEPSQSPY.GNQN.NQN  152
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDN.PFG.........GNQN.NQR  144
NTDB id 112 BSU 36310 NP 391512.2            RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....................................  113
consensus                                    ***!!******!*****!!*************  * * *    *   * * *   *    *       *  *  *** ***
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    FNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1       APAAN....NTQADPFANNGQAIDISDDDLPF   170
NTDB id 986096 MHI58 RS19685 WP 045034920.1  RNQGN....SFNDDPFANDGKPIDISDDDLPF   180
NTDB id 113 BSU 40900 NP 391970.1            RNQGN....SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
consensus                                     * **       * ***** * **********
```

X non conserved

X similar

X ≥ 50% conserved