logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG    80
NTDB id 624 LCA RS00040 WP 011373726.1        ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDG    75
NTDB id 985761 MHI39 RS26250 WP 251339463.1  ..MMNRVVLVGRLTKDPDLRYTPSGAAVATFTLAVNRTFTNQQG.E..READFINCVVWRKPAENVANFLKKGSLAGVDG    75
NTDB id 113 BSU 40900 NP 391970.1             ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
NTDB id 112 BSU 36310 NP 391512.2             ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG    75
consensus                                      **!*!**!!*!**!***!*** !*!!*****!*******  * *  ***********!* !!* *****!!!***!*!
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNG.....GNAT    155
NTDB id 624 LCA RS00040 WP 011373726.1        RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNF...NSNQSNG.......SQQSGFTSPQQTGNAPA    145
NTDB id 985761 MHI39 RS26250 WP 251339463.1  RLQTRNYEGQDGKRVYVTEVVAESVQFLEPRNSGQPRTG...........NNDFYGGGQG...NQGNPFSQNQNQ.RNQG    140
NTDB id 113 BSU 40900 NP 391970.1             RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNS...GGGQYFGGGQN.....DNPFGGNQNNQRRNQ    147
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    RPQPAQKPAAQAEPPMDNFDDDIPF    180
NTDB id 624 LCA RS00040 WP 011373726.1        ANNTQADPFANNGQAIDISDDDLPF    170
NTDB id 985761 MHI39 RS26250 WP 251339463.1  YTRVDEDPFSNDGQPIDISDDDLPF    165
NTDB id 113 BSU 40900 NP 391970.1             GNSFNDDPFANDGKPIDISDDDLPF    172
NTDB id 112 BSU 36310 NP 391512.2             .........................    113
consensus                                          ***** * ***********
```

X non conserved

X similar

X $\geq$50% conserved