logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 1471 ASU2 RS04565 WP 014991634.1    MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGD.R..EADFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 68220 AABA74 RS19620 WP 004392979.1  ..MLNRVVLVGRLTKDPELRYTPSGAAVATFTLAVNRTFTNQSGE.R..EADFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE.R..EADFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGE.I..EADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                      **!*!**!!*!**!***!*** !*!!** **!******* ** * ******** *!**!!* *****!!!***!*!
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPA.QTNYNQCGYSDN..........Y...AQ   145
NTDB id 1471 ASU2 RS04565 WP 014991634.1     RLKTRKWQDQNGQDRYTTEIQGDVLQMLGGRNQGGDFGGNQGGWGNSAPAPQQSYNQCNSGYG..........Y...DQ   146
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGA.........SQNFNSNQSNGSQ.......QSGFTSPQQ   139
NTDB id 68220 AABA74 RS19620 WP 004392979.1  RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNSGGSGSG..............GYNEGNSGGGQYFGGGQNDNPFGGNQN   141
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG..............GYNEGNSGGGQYFGGGQNDNPFGGNQN   141
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    NNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1471 ASU2 RS04565 WP 014991634.1     TASRPA...QQAAKQAAKPAQAEPPMDNFDDDIPF   178
NTDB id 624 LCA RS00040 WP 011373726.1       TGNAPAAN....NTQADPFANNGQAIDISDDDLPF   170
NTDB id 68220 AABA74 RS19620 WP 004392979.1  NQRRNQGN....SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 113 BSU 40900 NP 391970.1            NQRRNQGN....SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            ................................   113
consensus                                          **       *  * **   ***  ******
```

X non conserved

X similar

X ≥ 50% conserved