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 112 BSU 36310 NP 391512.2               ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 1044799 ACCB35 RS22245 WP 044340263.1  ..MMNRVVLVGRLTKDPELKYTPSGVAVASFTLAVNRSFTNQSG.E..READFINCVVWRRPAENVANFLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1               ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                        **!*!**!!*!**!******* !*!!*****!******* ** *  *************!* !!* *****!!!***!*!
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSD.NYAQ..NNNFNGGNATRP   157
NTDB id 624 LCA RS00040 WP 011373726.1          RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNS...NQSNG.....SQQSGFTSPQQTGNAPAAN   147
NTDB id 112 BSU 36310 NP 391512.2               RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD..........................................   113
NTDB id 1044799 ACCB35 RS22245 WP 044340263.1  RIQTRNFEGQDGRRVFMTEVVAESVQFLEPRSANQGDRGGS.PGYSGG...GQR....DQGNPYSQNQNQQRNNNNNNYT   147
NTDB id 113 BSU 40900 NP 391970.1               RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGG...GQYFGGGQNDNPFGGNQNNQRRNQGN...   149
consensus                                      ***!!******!*****!!*************      *    *   *    *          *    ***   *
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1      QPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1          NTQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2               .......................   113
NTDB id 1044799 ACCB35 RS22245 WP 044340263.1  RVDEDPFANDGQPIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1               SFNDDPFANDGKPIDISDDDLPF   172
consensus                                          ***** * ***********
```

X non conserved

X similar

X ≥ 50% conserved