logo



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NTDB id 1390 A4U84 RS00055 WP 021115958.1     MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGD..READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 1016952 NSQ88 RS19125 WP 034773638.1 ..MLNRVVLVGRLTRDPDLRYTPTGVPVATFTLACNRPFTNQKGE..READFINCVVWRKPAENVANYLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE..READFINCVTWRRQAENVANFLKKGSLAGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGE..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
consensus                                       **!*!**!!*!**!***!***  !**!*****!********  * *  **********!*!* !!* *****!!!***!*!
```

logo



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NTDB id 1390 A4U84 RS00055 WP 021115958.1     KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQG.SGWNQAPAQ..TNYNQGGYSDNYAQNNNFNGGNATRP   157
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQ.......SGFTSPQ.QTGNAPAAN   147
NTDB id 1016952 NSQ88 RS19125 WP 034773638.1 RIQTRSYEAQDGRKVYVTEVVAESVQFLEPKSSSNRE........YQSSPAGG.....YSGYDNPFGSNN.QNQPKNPSP   141
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQ.NNQRRNQGN   149
NTDB id 112 BSU 36310 NP 391512.2            RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....................................   113
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 1016952 NSQ88 RS19125 WP 034773638.1 AGNDDPFFDNGQPIDISDDDLPF   164
NTDB id 113 BSU 40900 NP 391970.1            SFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2            .......................   113
consensus                                      * ***** * **********
```

X non conserved

X similar

X ≥ 50% conserved