logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1       ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGD...READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGE...IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 202622 BKP57 RS10590 WP 050350601.1  ..MLNRVVLVGRLTKDPDLRYTPSGVAVANFTLAVNRPFSNQQGN...READFINCVVWRRAAENLANYMNKGSMVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE...READFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                      **!*!**!!*!**!***!***  !*!!*****!********  **    **********!*! !!* *****!!!***!*!
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logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGS.GWNQAPAQ.TNYNQGGYSDNYAQNNNFNGGN.....   153
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS.......Q.....QSGFTSPQQTGNA   143
NTDB id 112 BSU 36310 NP 391512.2            RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKA..AD.....................................   113
NTDB id 202622 BKP57 RS10590 WP 050350601.1  RVQTRRFEGQDGKTVFVTEVVAESVQFLETKGSSQG..GGQGASGFQPN..........RN.....QSQFEPQSNP..Y   135
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVRVTEVQAESVQFLEPKNG.....GGSGSGGYNEGNSGGGQYFGGGQN.....DNPFGGNQNNQRR   145
consensus                                    ***!! ****!* ***!!*****************  *      *  **  ***                 *      *  *    **
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1       PAANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2            ............................   113
NTDB id 202622 BKP57 RS10590 WP 050350601.1  EQNQNNQDNPFQNNGEPIEISDDDLPF   162
NTDB id 113 BSU 40900 NP 391970.1            NQGNSFNDDPFANDGKPIDISDDDLPF   172
consensus                                      ** *  **** * **********
```

X non conserved
X similar
X ≥ 50% conserved