logo

```
NTDB id 1390 A4U84 RS00055 WP 021115958.1    MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG   80
NTDB id 624 LCA RS00040 WP 011373726.1       ..MTNRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGD...READFINCVIWRKSAENFANFTKKGSLVGVDG   75
NTDB id 112 BSU 36310 NP 391512.2            ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGE...IEADYVNCTLWRKTAENTALYCQKGSLVGVSG   75
NTDB id 239420 CFK40 RS01735 WP 089530382.1  ..MLNRVVLVGRLTKDPDLRYTPNGVAVANFTLAVNRPFSNQQGN...READFINCVVWRRPAENLANYMKKGSMVGVDG   75
NTDB id 113 BSU 40900 NP 391970.1            ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE...READFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                      **!*!**!!*!**!***!****!*!!*****!********  **    **********!*! !!* *****!!!***!*!
```

logo

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NTDB id 1390 A4U84 RS00055 WP 021115958.1    KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQG.SGWNQAPAQTN..YNQGGYSDNYAQNNNFNGGNATRP  157
NTDB id 624 LCA RS00040 WP 011373726.1       RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTS.PQQTGNAPAAN  147
NTDB id 112 BSU 36310 NP 391512.2            RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAA..D.....................................  113
NTDB id 239420 CFK40 RS01735 WP 089530382.1  RVQTRNFEGQDGKMVYMTEIVADSVQFLETKGSTQGN..GQGSSGYQQNQNQNQS...QSQ.....NR.NQN.NSNQNQN  143
NTDB id 113 BSU 40900 NP 391970.1            RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNG...G..GSGSGGYNEGNSGGGQYFGGGQNDNPFGG.NQNNQRRNQGN  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 239420 CFK40 RS01735 WP 089530382.1  QNEEDPFKNNGQPIDISDDDLPF   166
NTDB id 113 BSU 40900 NP 391970.1            SFNDDPFANDGKPIDISDDDLPF   172
consensus                                    *    ***** * ***********
```

X non conserved

X similar

X ≥ 50% conserved