```
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 1042469 ACDZ29 RS10450 WP 370016943.1 ..MMNRVVLVGRLTKDPELRYTPNGVPVATFTLAVNRSFTNQQGD...READFINCVVWRKPAENVANFLKKGSLAGVDG   75
NTDB id 113 BSU 40900 NP 391970.1              ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE...READFINCVTWRRQAENVANFLKKGSLAGVDG   75
consensus                                        **!*!**!!*!**!***!****!**!*****!*******  **   **********!*!* !!* *****!!!***!*!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNY...NQGGYSDNYAQNNNFNGG.NATR  156
NTDB id 624 LCA RS00040 WP 011373726.1         RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGD.......GASQNFNSNQSNGSQQSGFTSPQQ..TGNAPAA  146
NTDB id 112 BSU 36310 NP 391512.2              RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................  113
NTDB id 1042469 ACDZ29 RS10450 WP 370016943.1 RVQTRNYEGQDGKRVYVTEILAESVQFLEPRSSSAGE...RNEGGSYGGGQKSYSNNNNGNDNNSYGQNPNQNQRSNNNY  152
NTDB id 113 BSU 40900 NP 391970.1              RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNS.GGGQ.YF...GGGQNDNPFGGNQNN..QRRNQG  148
consensus                                      ***!!*****!*****!!*************** *    *    *   ****  *    **     **  ***

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1      PQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1         NNTQADPFANNGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2              ........................   113
NTDB id 1042469 ACDZ29 RS10450 WP 370016943.1 TRVDDDPFANDGKTIDISDDDLPF   176
NTDB id 113 BSU 40900 NP 391970.1              NSFNDDPFANDGKPIDISDDDLPF   172
consensus                                           ***** *  **********
```

X non conserved

X similar

X $\geq$ 50% conserved