```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1      ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 132374 OB04 RS20945 WP 003219228.1 ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1           ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2           ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                     **!*!**!!*!**!***!****!*!!*****!******* ** *  ********* *!**!!* *****!!!***!*!***!!
```

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQG.SGWNQAPAQ.TNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAE   168
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADPFANNG   158
NTDB id 132374 OB04 RS20945 WP 003219228.1 NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG   160
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG   160
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
consensus                                   ******!*****!!************  ** * *     *** *** * **  **  ** *  ****     **  * ***** *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   PPMDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1      QAIDISDDDLPF   170
NTDB id 132374 OB04 RS20945 WP 003219228.1 KPIDISDDDLPF   172
NTDB id 113 BSU 40900 NP 391970.1           KPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2           ............   113
consensus                                    ***********
```

X non conserved

X similar

X $\geq$ 50% conserved