```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEGKLKTR   85
NTDB id 624 LCA RS00040 WP 011373726.1      ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGD...READFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2           ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGE...IEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 419939 M662 RS00065 WP 008636605.1  ..MLNRVVLAGRLTKDPDLRYTPNGVAVANFTVAVNRPFSNNQGD...RDADFINCVVWRRPAENLANFMSKGSLIGVDGRIQTR   80
NTDB id 113 BSU 40900 NP 391970.1           ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGE...READFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
consensus                                     **!*!***!*!**!***!****!*!!*****!*******  **    **********!*! !!* *****!!!***!*!***!!
```

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   KWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGGNATRPQPAQKPAAQAEPP   170
NTDB id 624 LCA RS00040 WP 011373726.1      NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQ...NFNSNQSNG..SQQSGFTSPQQTGNAPAANNTQADPFANNGQA   160
NTDB id 112 BSU 36310 NP 391512.2           SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 419939 M662 RS00065 WP 008636605.1  SFDNQEGKRVFVTEVVADSVQFLESKGASQG...GGN.......RGGSGFQPNQNQQPSGNNF...GSNNNNQRNDDPFADNGEP   152
NTDB id 113 BSU 40900 NP 391970.1           NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEG...NSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKP   162
consensus                                    *****!*****!!*************       *              *      * *    **         ** * ***** * *
```

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1390 A4U84 RS00055 WP 021115958.1   MDNFDDDIPF   180
NTDB id 624 LCA RS00040 WP 011373726.1      IDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2           ..........   113
NTDB id 419939 M662 RS00065 WP 008636605.1  IDISDDDLPF   162
NTDB id 113 BSU 40900 NP 391970.1           IDISDDDLPF   172
consensus                                   **********
```

X non conserved

X similar

X $\geq$ 50% conserved