```
logo

NTDB id 624 LCA RS00040 WP 011373726.1        MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNYENQ   85
NTDB id 112 BSU 36310 NP 391512.2             MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSYENE   85
NTDB id 25336 LMHCC RS14965 WP 012582393.1    MMNRVVLVGRLTKDPDLRYTPAGVAVATFTLAVNRPFKNAQGEQEADFINCVVWRKPAENVANFLKKGSMAGVDGRIQTRNYEDS   85
NTDB id 113 BSU 40900 NP 391970.1             MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNYENQ   85
consensus                                     !*!*!*!!!!!!*!**!!!!**!*!!*****!!!!*! !**!**!!!**!!*!!**!!!*!****!!!* !!*!!*!!!*!!**
```

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logo

NTDB id 624 LCA RS00040 WP 011373726.1        QGQRVYVTEVVAESVQFLEPRNTTEESRTGNG     YNSNQSNG          SNQSPFTSNQQTSSYRASNSTQSDPFANNGKPIDI   163
NTDB id 112 BSU 36310 NP 391512.2             EGVNVYVTEVLADTVRFMDPKPREKAAD.......................................................   113
NTDB id 25336 LMHCC RS14965 WP 012582393.1    DGKRVFVTEVVAESVQFLEPRNHAEGDTSNN....YQ...............NQANYSNNNQTSSYRADTSQKSDSFANEGKPIDI   152
NTDB id 113 BSU 40900 NP 391970.1             QGQRVFVTEVQAESVQFLEPKNGGGSGSG.G....YNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDGKPIDI   165
consensus                                     *!**!*!!!!************ ****** *    **  ** *        **  ** ****    **** * ************
```

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logo

NTDB id 624 LCA RS00040 WP 011373726.1        SDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2             .......   113
NTDB id 25336 LMHCC RS14965 WP 012582393.1    NPDDLPF   159
NTDB id 113 BSU 40900 NP 391970.1             SDDDLPF   172
consensus                                     *******
```

X non conserved

X similar

X $\geq$ 50% conserved