logo

```
NTDB id 409 SMU RS08940 WP 002263454.1       MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQDGEKQADFVNVVLWGRLAETIASYGSKGSLISLDGELRTR   80
NTDB id 624 LCA RS00040 WP 011373726.1       MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 967373 MKY95 RS33010 WP 036611943.1  MLNRVILIGRLTRDPELRYTPAGVAVTQFTLAVDRPFTSQGGEKEADFIPVVTWRQLAETCANYLRKGRLAAVEGRIQVR   80
NTDB id 113 BSU 40900 NP 391970.1            MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2            MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                    !*!*!*!*!!!********!* ***!* ***!!*! !*** !***!!******!** !!* !** *!!*!****!****!
```

logo

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NTDB id 409 SMU RS08940 WP 002263454.1       KYEK.DGVTHFVTEVLGHSFQLLESRAQRAMRENNSE........................................NDL  119
NTDB id 624 LCA RS00040 WP 011373726.1       NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS..NGSQQSGFTSPQQTGNAPAANNTQADPFANNG  158
NTDB id 967373 MKY95 RS33010 WP 036611943.1  NYENNEGKRVYVTEVIADNVRFLESANRDNSGGGGQPMR............EEPSYGGGGRANNNNNSRNNNQDPFSDDG  149
NTDB id 113 BSU 40900 NP 391970.1            NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDPFANDG  160
NTDB id 112 BSU 36310 NP 391512.2            SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD...............................................  113
consensus                                    *!!***!  ***!!!!*****  *****      * *                  *                 * ***  ***
```

logo

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NTDB id 409 SMU RS08940 WP 002263454.1       ADLVLEEEELPF   131
NTDB id 624 LCA RS00040 WP 011373726.1       QAIDISDDDLPF   170
NTDB id 967373 MKY95 RS33010 WP 036611943.1  KPIDISDDDLPF   161
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