logo



```
NTDB id 624 LCA RS00040 WP 011373726.1          MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR  80
NTDB id 112 BSU 36310 NP 391512.2               MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR  80
NTDB id 101305 GS3922 RS15850 WP 063167101.1    MINRVILVGRLTKDPELRYTPSGVAVATFTLAVNRPFTNQQGEREADFIQCVVWRRQAENVANFLKKGSLAGVDGRLQTR  80
NTDB id 113 BSU 40900 NP 391970.1               MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR  80
consensus                                       !*!*!*!!!!!!*!**!!!!**!*!!*****!!!!*!*!  *!**!!!***!**!!**!!!*!****!!!!  !!*!!*!!!
```

logo



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NTDB id 624 LCA RS00040 WP 011373726.1          NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQCDGASQNFNSNQSNGSQQSG..F..TSPQQTGNAPAANNTQADPFAN  156
NTDB id 112 BSU 36310 NP 391512.2               SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.....................................................  113
NTDB id 101305 GS3922 RS15850 WP 063167101.1    SYENQEGRRVYVTEVVADNVQFLEPKGSNEQR......G.AAAGGYYGD...PFPFGQDQNHRYPNEKGFGRIDEDPFAN  150
NTDB id 113 BSU 40900 NP 391970.1               NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSCGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN..QGNSFNDDPFAN  158
consensus                                         !!!!* !**!*!!!!**********  * *** *    **  *******  *   ***  ****  *  ***  *******
```

logo



```
NTDB id 624 LCA RS00040 WP 011373726.1          NGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2               ..............   113
NTDB id 101305 GS3922 RS15850 WP 063167101.1    DGQPIDISDDDLPF   164
NTDB id 113 BSU 40900 NP 391970.1               DGKPIDISDDDLPF   172
consensus                                       **************
```

X non conserved
X similar
X ≥ 50% conserved