logo

```
NTDB id 185332 A9C19 RS20315 WP 420835803.1  MKTAKTKVGVQNLFIKELTLKNYRNYEDLTVQFENKVNVILGENAQGKTNVMESIYVLAMAKSHRTSNDKELIYWDKEYA   80
NTDB id 353 BSU 00040 NP 387885.1            ............MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYA   68
consensus                                    **************!  ! !  !!!!**  *!!!!!!!!!*!!!!!!!!!*!! !!!! !!!!!!!!!!!!!! !!!*!!
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logo

```
NTDB id 185332 A9C19 RS20315 WP 420835803.1  KIEGSVEKYNRSTSLQLVISKKGKKAKLNHIEQERLSQYVGGMNVIMFAPEDLSLVKGSPQIRRRFIDMEIGQVSAVYLH  160
NTDB id 353 BSU 00040 NP 387885.1            KIEGRVMKQNGAIPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLH  148
consensus                                    !!!! ! ! !   **!!!!!!!!!!*!*!!!!! *!!!!!!**! !!!!!!!! !!!!!!!*!!!!*!!!!!!!!*!!!!
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logo

```
NTDB id 185332 A9C19 RS20315 WP 420835803.1  DLSRYQKIMQQRNHYLKLLQTRKQTDQTMLDVLTAQLSEAAGKIILKRLQFISELQKWAQPIHTGISRGLETLTIKYKPS  240
NTDB id 353 BSU 00040 NP 387885.1            DLSLYQKILSQRNHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTA  228
consensus                                    !!! !!!!* !!!!*!! !!!!!!!! !!!!!!! !! ! !*!***!!!!!   ! !!!!!!! !!!!!!! !!*!!**
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logo

```
NTDB id 185332 A9C19 RS20315 WP 420835803.1  LDVSEDDDLSKMIRAFEEKFAKIREKEIDRGATLAGPHRDDLLFFVNNHDVQTYGSQGQQRTTALSLKLAEIDLIHNEIG  320
NTDB id 353 BSU 00040 NP 387885.1            LDVSDPLDLSKIGDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIG  308
consensus                                    !!!!** !!!!*   * ! ! !*!!!!!*!! !! !!!!!!*!!*!! *!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!
```

logo

```
NTDB id 185332 A9C19 RS20315 WP 420835803.1  EYPILLLDDVLSELDDYRQSHLLNTIQGKVQTFVTTTSVEGIDHQTLREAATFHVKAGELSDDNRGD  387
NTDB id 353 BSU 00040 NP 387885.1            EYPILLLDDVLSELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK.....  370
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!*!!!! !!! !* !*!  ! !  *****
```

X non conserved

X similar

X $\geq$50% conserved