logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  ...MVETARKVAPLDDGPDWNFDLLDIYHQEIARVAKFYRLDTYPNQIEVITAEQMMDAYSSVGMPIGYQHWSFGKRFIH  77
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE  80
consensus                                    ****     *   *! !!!!! !!!!!*!* !! !!!! !!!!!!!*!!!!!! !!!!!!!!!!!!!! !*!!!!!!*!!*
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logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  TERNYKRGQMGLAYEIVINSDPCIAYLMEENTMPMQALVMAHACYGHNSFFKNNYLFKTWTDASSIIDYLLFAKNYITEC  157
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC  160
consensus                                    !!! !!*!! !!!!!!!!!! !!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!**!!!!!!*!!!*!!* !!!!!
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logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  EEKHGIDAVEKLLDSCHALMNFGVDRYKRPQKISLAEEKRRQKAREDYLQTQVNELWRTLPKQHKASG.VEDRRYPAEPQ  236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ  240
consensus                                    !!**!*! !!*!!!!!!!!!!*!!!!!!!!!!!!! !!! !!! !!*!!!*!!! !!!!!!! *    * ! !!!! !!!
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logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  ENILYFIEKNAPLLEPWQREIVRIVRKISQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKISDRFMIEVLHSHTNVVY  316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF  320
consensus                                    !!*!!!*!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!*! !!!!!!!!*
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logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  QPPYNSRYYSGINPYALGFAMFTDLRRICENPTEEDRYWFPDYAGSNWVDTLHFAMQNFKDESFISQFLSPKVMRDMKLF  396
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF  400
consensus                                    !!!!!!**!!!!!!!!!!!!!!! !**!!! !!!!!*!!!!! !!! !**!!!!!! !!!!!!!!!!!!!!!!!! * !
```

logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  AIDDDDLKNYLKVSAIHNDEGYRQVRNTLSAQYNLSNLEPNIQVFNVAVKGDRSLTLRYVPHNRIPLGDSRHEVLKHLHQ  476
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR  480
consensus                                     * !!! *!!! *!!!!!*!!!! *!! !! !!!!!!!!!!!**!! **!!!!!!!!!*!!!! !!    !*!!!!!*!
```

logo

```
NTDB id 110897 A9258 RS11805 WP 011706275.1  LWGFDVVLEQDNGELPADIIGRCPEKKPA.  505
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL  510
consensus                                    !!!!!!*!!! ! * * *** !!!** * *
```

X non conserved
X similar
X $\geq$ 50% conserved