logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  MAKQQPLVLLVDDEVDLCMLMQMTLSRMGIKTHMAHHLKQAKYFFSEYKYDACITDFNLPDGNGLELVKHVTQHYPKTPI  80
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI  80
consensus                                    !! !!!!!!!!!!! !!!*!!!!!! !!!!!!!!*!*** !!!  !* **!!!!*!! !!!!! !!*!!!!!*!*!! !!!
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  AVLTAYANMDIAISVLKAGAFDFVSKPINQQHLHQLLQKALHVPVLDLDSDELPLEERLLMGESVQIQQLRESIKKIARS  160
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
consensus                                    !!!!!!*!!!!!!  !!!!!!!!!!!!*!! !!*!!!!!!!* * ***!* ! *!! *!!*! !**!!!!!  !!!!!!!
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  QAPVFITGESGTGKEVVANLLHQLSNRQDGPFIAINCGAISEDLLESELFGHVKGCFSGATEDKQGLIQAADGGSLFLDE  240
NTDB id 1045 HON27 RS16330 WP 168727019.1    QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
consensus                                    !!!!!*!!!!!!!!!!!!!!*! !!!! *!!!!!!!!!!!* *!*!!!!!!! !!*!*!!! !!!!!!  !*!!!!!!!!
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  IAELSLAMQAKLLRSVQEKKIRPLGSDKEIEVDFRIISASHQNLESRVQQGQFRQDLFFRIHVMDLRIAPLRERQQDILI  320
NTDB id 1045 HON27 RS16330 WP 168727019.1    IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
consensus                                    !!!!*! !! !!!! !!!!!!!!*!!! !!*!!!!*!!!!!! !*  ! !! !!!!!!!!!!!!!! **!!!!!  !*!*
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  LARHFIDLICAEWRISTKTLTPQAAQFLMAQHYSGNVRELRNLIERAITLSDADSIEVQHLQPSNTRNLEKASITASPPK  400
NTDB id 1045 HON27 RS16330 WP 168727019.1    LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFAS....  396
consensus                                    !! !!!  !! !!  **! !!* !  *!* !!**!!!!!!!!*!!!!!!!!*  *!** !!*! * !     *   ****
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  SPTSSISPLAQNALSPAYPQALPEEGLEQYLEKVEKEVLINALNLTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTEE...  477
NTDB id 1045 HON27 RS16330 WP 168727019.1    ....AAQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQE  472
consensus                                    ****   **      !  *  !! !!!! !!! *!!**!*!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ***
```

logo

```
NTDB id 104889 AMD27 RS00985 WP 067655129.1  .  477
NTDB id 1045 HON27 RS16330 WP 168727019.1    V  473
consensus                                    *
```

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