```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1006 ACIAD RS15005 WP 004923843.1    .....MQHHRQGFTLIELMVVVIIAIFAAIAIPSYQEYIRRSNLAMAQQEMQKLAEQLERYRSRNFSYKGFDATYLYQDKSGQT    80
NTDB id 24666 ACICU RS16840 WP 001046420.1   MNKYSILRFNQGVTLIELMVVIVIVAIFASIAIPSYQSYSRRATASAAKSEILKLAEQLEQHKSRNFTYRGFTTTSITLPRG...    82
NTDB id 1064 ABD1 RS15725 WP 001046490.1     MNKYYILRFNQGFTLIELMVVIVIVAIFASIAIPSYQSYSRRATASAAKSEILKLAEQLEQHKSRNFTYRGFTTTSITLPRG...    82
consensus                                    **** *****!!*!!!!!!!*!!*!!!!*!!!!!!!*!*!!*****!**!**!!!!!!!***!!!!*!*!!**!*******
```

```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1006 ACIAD RS15005 WP 004923843.1    LAKFDSTKQIVQLPLDTSNTKYTLAVVDTTTNNPLLTSANAIGQGWAIKAMSADNNNYSLLLTNTGFSCKNKTWAN........I    157
NTDB id 24666 ACICU RS16840 WP 001046420.1   ....................GYTIQITDDTTTGNLLTNSASNGQTWVIKATTTDSRNFNFIAKNSGLRCQSLTATAVDNDCGGTV    147
NTDB id 1064 ABD1 RS15725 WP 001046490.1     ....................GYTIQITDDTTTGNLLTNTAANGQTWVIKATTTDSRNFNFIAKNSGLRCQSLTATAVDNDCGGTV    147
consensus                                                        *!!****!*!!***!!!*****!!*!*!!!***!**!******!*!**!***!************
```

```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1006 ACIAD RS15005 WP 004923843.1    SSSSCGTGSESW.    169
NTDB id 24666 ACICU RS16840 WP 001046420.1   TCNVCETNSENWQ    160
NTDB id 1064 ABD1 RS15725 WP 001046490.1     TCNVCETNSENWQ    160
consensus                                    ****!*!*!!*!*
```

X non conserved

X similar

X $\geq$ 50% conserved