```
logo
NTDB id 24006 SSED RS12815 WP 012142792.1    ....MDAKKKRTPLDDGPDWNFELLQSYLTEIERVAAHYKLESYPNQIEVITAEQMMDAYAGIGMPIGYTHWSFGKKFIE    76
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE    80
consensus                                    ****    !  !*! !!!!! !*!!  !! !!*!!! *!*!**!!*!!!!!! !!!!!!!  *!!!! !*!!!!!!!!!!

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    TEQSYKRGQMGLAYEIVINSDPCIAYLMEENTITMQALVMAHASFGHNSFFKNNYLFKTWTDASSIIDYLVFAKNYISQC   156
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!  !!*!! !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!!!**!!!!!!!*!!!*!!* !!* !

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    EETHGTNQVELIVDSCHALMNYGVDRYKRPSEISFKEEQLRQKDREEYLQSQVNDLWRTIPFTPHDDIEKETFNFPDEPQ   236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !! *!   !! **!!!!!!!!!!!!!!!!!  !!  !!  !!! !!!!!!!!!! !!!!*!  ***    !   *! !!!

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    ENILYFIEKNAPLLEPWQREIVRIVRKMGQYFYPQKQTQVMNEGWATFWHYTILNHLYDDGVVTDRFMMEFLQNHTNVIV   316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!!!!!!!*!!!!!*!!!!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*! !!*!!!*!!!* !!!!*

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    QPSYNSPYYSGINPYALGFNMFVDIRRICESPTEEDKLWFPDIAGSDWLETLHFAMQNFKDESFISQYLSPNIIRQFKLF   396
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!*!!!!*!!!!!!!!!!! !! !!*!!! !!!!!!! !!!!!!!!!!!!!!!!!!   !!!!!!!!!*!!! **! !* !

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    SILDDDKKNYLSVSAIHDEQGYKDIRQMLSQQYNLSNIEPNIQVQKVDITGDRSLTLRYVPTNRIPLAKSRHEVVKHLHR   476
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                    **!!!!**!!! *!!!! ! !!**!!* !! !!!!!!*!!!!!*  !!* !!!!!!!!!*!*!! !! * !*!!*!!*!!

logo
NTDB id 24006 SSED RS12815 WP 012142792.1    LWGFDVRLEEFNEEGVQNIIASCPDKQAEE   506
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL   510
consensus                                    !!!!!! !!  !!*!   **  !!** *
```

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