```
logo

NTDB id 27624 SVI RS08885 WP 013051157.1     ....MDNKKKRTPLDDGPDWNFELLQKYLTEIERIAAHYRLETYPNQIEVITAEQMMDAYAGIGMPLGYTHWSFGKKFIE    76
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE    80
consensus                                    ****    !  !*! !!!!! !*!!  !! !!*!*! *!!!*!!!*!!!!!! !!!!!!!  *!!!* !*!!!!!!!!!!

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     TEQSYKRGQMGLAYEIVINSDPCIAYLMEENTITMQALVMAHANFGHNSFFKNNYLFKTWTDASSIIDYLVFAKNYISQC   156
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!  !!*!! !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!**!!!!!!!*!!!*!!* !!* !

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     EELHGIDQVELIVDSCHALMNYGVDRYKRPSEISFKEEQLRQKEREEYLQSQVNDLWRTVPKAHQEQDEKAELRFPEEPQ   236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !! *!*! !! **!!!!!!!!!!!!!!!!!  !!  !!  !!! !!!!!!!!!! !!!!*!! * !        !*! !!!

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     ENILYFIEKHAPLLEPWQREIVRIVRKMGQYFYPQKQTQVMNEGWATFWHYTILNHLYDDGLVTDRFMLEFLQSHTNVIV   316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!*!!!!!*!!!!!*!!!!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*! !!*!!!!!!!*!!!!!*

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     QPSYNSPHYNGINPYALGFNMFIDIRRICEHPTDEDREWFPDIAGSDWLETLHFAMENFKDESFISQYLSPAIIRQFKLF   396
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!*!!!!*! !!!!!!!!! !! !!*!!! *!!*!!* !!!!!!!!!!!!!!!!!!  !!!!!!!!!*!!! **! !* !

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     SILDDDKKNYLSVSAIHDEQGYKDIRQMLSQQYNLSNLEPNIQIHRVEVTGDRSLTLEYIPTNRMPLAESSHEVVKHLHR   476
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                    **!!!!**!!! *!!!! ! !!**!!* !! !!!!!!!!!!!!!* !** !!!!!!! !!!*!! !!    *!!*!!*!!

logo

NTDB id 27624 SVI RS08885 WP 013051157.1     LWGFDVRLEEVNEQGISSLIAACPDKHKESDDL   509
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL...   510
consensus                                    !!!!!! !!  !! !   !*  !!***   ***
```

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