```
logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  MTTDAMAKENSKPETSKRHLLSDGPDWTFPLIEEYEQHIDRIAKKFKLDTYPNQIEVITAEQMMDAYASIGMPLNYTHWS   80
NTDB id 1450 BW25113 RS06185 WP 000190854.1  .....MATI..DSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWS   73
consensus                                    *****!!  ** *     * !!!!!!!!!*!** !  *!!!*!! **!!!!!*!!!!!! !!!!!!! !*!!!*!!*!!!

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  FGKKFIQTEQQYRRGQMGLAYEIVINSDPCIAYLMEENTITMQALVMAHACYGHNSFFKGNYLFKTWTDASSIIDYLVFA  160
NTDB id 1450 BW25113 RS06185 WP 000190854.1  FGKKFIETERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFA  153
consensus                                    !!!!!! !!  !**!! !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!**!!!!!!!*!!!*!!

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  KNYIAKCEQKYGFDEVENMLDSCHALMNYGVDRYKRPQKISLQEEKNRQEEREAYLQSQVNELWRTLPNSPHSK.YKEKI  239
NTDB id 1450 BW25113 RS06185 WP 000190854.1  RKYITECEERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEAR  233
consensus                                    * !!   !! *!! !!!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!   !! !!!!!!! !!!!!!   ** !*   !

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  RFPQEPQENLLYFIEKNAPLLEPWQREIVRIVRKVSQYFYPQKQTQVMNEGWACFWHYHILNEMYDEGLVSDRFMMEFLH  319
NTDB id 1450 BW25113 RS06185 WP 000190854.1  RYPSEPQENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLH  313
consensus                                    !*! !!!!!!!!!*!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!**!!!! !**!!!*!!!!

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  SHSSVVIQPEYNSPYYSGINPYALGFSMFMDIKRVCQSPTEEDYKYLPSIAGKDWLETVHFAMENFKDESFISQFLSPKV  399
NTDB id 1450 BW25113 RS06185 WP 000190854.1  SHTNVVFQPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKV  393
consensus                                    !!* !! !!*!!!!*!!!!!!!!!!! !! !!!!*!!!!!!!!  * ! !!! !!!!!*!!!!  !!!!!!!!!!!!!!!

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  IRDFKLFALEDDTTKPFIAVSAIHDEMGYQIIKEKLSAQYNLSNLEPNIQVHNVDVRGDRSLTLRYIPQRGIPLGDSKDE  479
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MRDFRFFTVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKE  473
consensus                                    *!!!* ! * !!   **** *!!!! ! !!   !* *!! !!!!!!!!!!!**!!!*!!!!!!!!!!!!*    !!    * !

logo
NTDB id 101247 AVL55 RS06315 WP 061094559.1  VMRHLHRLWKFDVRLEQDNGDDGIDVISECKRAPQA.  515
NTDB id 1450 BW25113 RS06185 WP 000190854.1  VLKHVHRLWGFDVMLEQQNEDGSIELLERCPPRMGNL  510
consensus                                    !**!*!!!! !!! !!! ! !  !***  !** *  *
```

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