```
logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   .......MKKREPISTGSEWTFELIQKYDTEIARVAKHYGLDTYPNQIEVITSEQMMDAYSSVGMPLNYNHWSYGKQFVS   73
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ******* !    **! !**!!!*!*   !   !! !!!!*! !!!!!*!!!!!!!!!!!!!!!!!!!!*!!*!!!*!! !*

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   TEQQYRRGQMGLAYEIVINSDPCISYLMEENTMTMQALVIAHACYGHNSFFKGNYLFRTWTDASAIIDYLLFAKNYITKC   153
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!   !**!! !!!!!!!!!! !!! !!!!!!!*!!!!!!*!!!!!!!!!!!! !!!!!*!!!!! !*!!!*!!* !!! !

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   EERHGLEAVEQILDACHALMNYGVNRYQRPQPITPDEEKARQAEREEYVQRHINQLWNTIPKKDEAEVV.QEIRFPSDPE   232
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !!!*!** !! *!! !!!!!!!!! !! !!!*!** !!!!!!  !!!!*! **! !! !*!!**!   !*   !*!!*!

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   ENLLYFVEKNAPLLESWQRELVRIVRKIAQYFYPQRQTQVMNEGWACFWHYTLLHHLHDEGLVTDGFIMEFLHSHTSVVF   312
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!!!!!*!!!!!!!!!!!!!!**!!!!!* !!!!!!*!!!!!!!!!!*!!!!!*!*!!*!!! !!* !**!!!!!!! !!!

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   QPPFDASYFSGINPYALGYGMMQDIRRICENPTDEDREWFPDIAGSDWNDTIQDAMRNYKDESFILQFLSPNMIRELKLF   392
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!!*  ***!!!!!!!!!**! !!!*!!!  !!*!!* !!!!!!!!!! *!** !!! *!!!!!! !!!!! **!* * !

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   TIDDDSRSNTLQVSAIHNSSGYQKVRENLAAQYNIGNREPNIQVYNVNVRGDRSLTLRHYIHNGQPLGDSTHEVLKHLHV   472
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                    !* !! !*! ! *!!!!!  !!  *!  !  !!!* ! !!!!**!! *!!!!!!!!!* *!!  !!    *!!!!!*!

logo
NTDB id 56129 PCI15 RS05530 WP 271273357.1   LWGFDIHLESVTPEGNVHKSHHCPPQPEPAVAE   505
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL...   510
consensus                                    !!!!!**!!    **! **  **!!! * * ***
```

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