```
logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    ....MDNQKKRTPLDDGPDWNFDLLQSYLTEIERVADFYRLDAYPNQIEVITAEQMMDAYAGIGMPIGYTHWSFGKRFIE    76
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE    80
consensus                                    ****   *!  !*! !!!!! !!!!  !! !!*!!!  !!!! !!*!!!!!! !!!!!!!  *!!!! !*!!!!!!*!!!

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    TEQGYKRGQMGLAYEIVINSDPCIAYLMEENTITMQALVMAHASFGHNSFFKGNYLFKTWTDASSIIDYLVFARNYISEC   156
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!  !!*!! !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!**!!!!!!! !!!!**!!!!!!*!!!*!!! !!*!!

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    EELYGINKVESVIDSCHALMSYGVDRYKRPSEISFKEEKMRQKDREAYLQSQVNELWRTIPDLPQEEAKEETIRFPSEPQ   236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !! !!*  !! **!!!!!!! !!!!!!!!!  !!  !!! !!! !! !!!!!!! !!!!*!  * !    !  !*!!!!!

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    ENILYFIEKNAPLLEPWQREIVRIVRKMGQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGLVTDRFMLEFLQSHTNVVA   316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!!!!!!!*!!!!!*!!!!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!*!!!!!!!*!!!!!!

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    QPNYNSPHYSGINPYALGFNMFVDIRRICENPTDEDKEWFPEIAGSDWLTTLHFAMENFKDESFISQYLSPNIIRQFKLF   396
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!*!!!!*!!!!!!!!!!! !! !!*!!!  !!*!!! !!!*!!!!!!! !!!!!!  !!!!!!!!!*!!! **! !* !

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    SVLDDDRKNHISVSAIHDEEGYKEIRQKLSQQYNLSNLEPNIQVQNVEVTGDRSITLRYIPNARIPLAETCHEVVKHLHR   476
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                    *!!!!!!*!** *!!!! !!!!*!!!**!! !!!!!!!!!!!!* !!** !!!!*!!!!!!* ! !!    **!!*!!*!!

logo
NTDB id 24078 SPEA RS10290 WP 012155200.1    LWGFDVKLEQCDENKS.HIIASCPEKTEA.   504
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL   510
consensus                                    !!!!!! !!!* !  !**** !!**   *
```

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