```
logo
NTDB id 54849 OCU77 RS12220 WP 048899128.1   ....MVTTTKTKPLSDGPDWTFDLLDQYHKEIKRVADHYRLDAYPNQIEIITAEQMMDAYSSIGMPINYHHWSFGKRFIE   76
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ****       ! *!!!!!!!!!!!!! !* !! !!! *!!!! !!*!!!*!! !!!!!!!!!*!!!!!! !!!!!!*!!!

logo
NTDB id 54849 OCU77 RS12220 WP 048899128.1   TERGYKHGQMGLAYEIVINSDPCISYLMEENTITMQALVMAHACYGHNSFFKGNYLFQTWTDASSIIDYLLFARKYITDC   156
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!! !!!!! !!!!!!!!!! !!! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!!! *!!!!!!!*!!!*!!!!!!!*!

logo
NTDB id 54849 OCU77 RS12220 WP 048899128.1   EEKYGVEDVERLLDSCHALMNFGVDRYKRPQKISLVEETARQKAREDYLQTQVNALWRTIPVQEDKSDVSEEHRFPAEPQ   236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !!*!!!**!!!!!!!!!!!!!*!!!!!!!!!!!! !! !!!! !!*!!!*!!! !!!!*!  !*   ! ! *!*! !!!

logo
NTDB id 54849 OCU77 RS12220 WP 048899128.1   ENILYFIEKHAPLLEPWQREIVRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGLVTDRFIMEFLHSHTNVVA   316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!*!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!
```

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