```
logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1137 NGFG RS02425 WP 003694976.1      MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN    80
NTDB id 1121 NGFG RS02425 WP 003694976.1      MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN    80
NTDB id 305910 DV143 RS00595 WP 061728270.1  MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSDSNKKN    80
NTDB id 1087 NMV RS07485 WP 014574103.1      MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSDSNKKN    80
consensus                                    !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1137 NGFG RS02425 WP 003694976.1      YNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLSGNTFSSNCDK   156
NTDB id 1121 NGFG RS02425 WP 003694976.1      YNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLSGNTFSSNCDK   156
NTDB id 305910 DV143 RS00595 WP 061728270.1  YNLYIGNH...HTLSAVDGDFAVDAVKTKTQLAEAQLKRFSYELKNALPDAAAIHYAVCKDSSGNAPTLSGNAFSSNCDN   157
NTDB id 1087 NMV RS07485 WP 014574103.1      YNLYMGNHTLPHTLSAVDGDFAIDAMKTKGQLAEAQLKRFSYELKNALPDAAAIHYAVCKDSSGKAPTLSGNAFSSNCDN   160
consensus                                    !!!!*! **  ****  !!!! *  * *!* !! !!! !! !!!!*!!!!! !!*!!!!!!!!!!*!!!!!!! !!!!!!

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1137 NGFG RS02425 WP 003694976.1      KANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE   202
NTDB id 1121 NGFG RS02425 WP 003694976.1      KANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE   202
NTDB id 305910 DV143 RS00595 WP 061728270.1  KANGDTLIKVLWVNDSAGDSDISRTNLEVSGDNIVYTYQARVGGRE   203
NTDB id 1087 NMV RS07485 WP 014574103.1      KANGDTLIKVLWVNDSAGDSDISRTNLEVSGDNIVYTYQARVGGRE   206
consensus                                    !!!!!!!!!!!!!!!!!!!!!! !!!!!!!! !!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved