```
logo

NTDB id 47962 NMBM01240149 RS06870 WP 014581127.1  MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSD   75
NTDB id 1087 NMV RS07485 WP 014574103.1            MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSD   75
NTDB id 1137 NGFG RS02425 WP 003694976.1           MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSD   75
NTDB id 1121 NGFG RS02425 WP 003694976.1           MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSD   75
consensus                                          !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!

logo

NTDB id 47962 NMBM01240149 RS06870 WP 014581127.1  SNKKNYNLYMGNH...HTLSAVDGDFAVDAVKSKKDLAKAQLDRFGYELKNALQDAAAIYYAVCKDSSGAAPTLS   147
NTDB id 1087 NMV RS07485 WP 014574103.1            SNKKNYNLYMGNHTLPHTLSAVDGDFAIDAMKTKGQLAEAQLKRFSYELKNALPDAAAIHYAVCKDSSGKAPTLS   150
NTDB id 1137 NGFG RS02425 WP 003694976.1           SNKKNYNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLS   146
NTDB id 1121 NGFG RS02425 WP 003694976.1           SNKKNYNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLS   146
consensus                                          !!!!!!!!! ! **  **** !!!! *  * *!**!!*!!!*!!*!!!!*!!*!! !!*!!!!!!!!!*!!!!!

logo

NTDB id 47962 NMBM01240149 RS06870 WP 014581127.1  AGSTFSSNCDNKANGDTLIKVLWVNDSAGDSDIARTNLETNGNNIVYTYQARVGGRE   204
NTDB id 1087 NMV RS07485 WP 014574103.1            .GNAFSSNCDNKANGDTLIKVLWVNDSAGDSDISRTNLEVSGDNIVYTYQARVGGRE   206
NTDB id 1137 NGFG RS02425 WP 003694976.1           .GNTFSSNCDKKANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE   202
NTDB id 1121 NGFG RS02425 WP 003694976.1           .GNTFSSNCDKKANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE   202
consensus                                           !**!!!!!! !!!!!!!!!!!!!!!!!!!!!*!!!!!**!*!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved