```
logo

NTDB id 1137 NGFG RS02425 WP 003694976.1        MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN   80
NTDB id 1121 NGFG RS02425 WP 003694976.1        MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN   80
NTDB id 32236 NMBG2136 RS04500 WP 014580773.1  MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSDSNKKN   80
NTDB id 1087 NMV RS07485 WP 014574103.1        MKNNDCFRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSDSNKKN   80
consensus                                       !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!

logo

NTDB id 1137 NGFG RS02425 WP 003694976.1        YNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLS.GNTFSSNCD  155
NTDB id 1121 NGFG RS02425 WP 003694976.1        YNLYTGSYA....PTSSDGDFKLNNLISKTDLAKAQLDRFGYELKQALPDAVAIRYAVCKDSSGDAPTLS.GNTFSSNCD  155
NTDB id 32236 NMBG2136 RS04500 WP 014580773.1  YNLYMGNHT....LSAVDGDFQVDAIKTKTQLAEAQLKRFSYELKNALPDAAAIHYAVCKDSSGVAPTLSAGSTFSSNCD  156
NTDB id 1087 NMV RS07485 WP 014574103.1        YNLYMGNHTLPHTLSAVDGDFAIDAMKTKGQLAEAQLKRFSYELKNALPDAAAIHYAVCKDSSGKAPTLS.GNAFSSNCD  159
consensus                                       !!!! ! *     **  !!!!**  * *!* !! !!! !! !!!!*!!!!! !!*!!!!!!!!!!*!!!!! !**!!!!!!

logo

NTDB id 1137 NGFG RS02425 WP 003694976.1        KKANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE  202
NTDB id 1121 NGFG RS02425 WP 003694976.1        KKANGDTLIKVLWVNDSAGDSDIFRTNLEVSGSNIVYTYQARVGGRE  202
NTDB id 32236 NMBG2136 RS04500 WP 014580773.1  ASANGDTLIKVLWVNDSAGDSDINRTDLETNGNNIVYTYQARVGGRE  203
NTDB id 1087 NMV RS07485 WP 014574103.1        NKANGDTLIKVLWVNDSAGDSDISRTNLEVSGDNIVYTYQARVGGRE  206
consensus                                       **!!!!!!!!!!!!!!!!!!!!!!*!!*!!**!*!!!!!!!!!!!!!!!
```

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