```
logo

NTDB id 1137 NGFG RS02425 WP 003694976.1      MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN   80
NTDB id 1121 NGFG RS02425 WP 003694976.1      MKNNDCLRLKNPQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLINPTIDSDSNKKN   80
NTDB id 190581 A6L61 RS01045 WP 002248273.1   MKNNDCFRLKDSQSGMALIEVLVAMLVLTIGILALLSVQLRTVASVREAETQTIVSQITQNLMEGMLMNPTIDSDSNKKN   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 190581 A6L61 RS01045 WP 002248273.1   YNLYMRNHT....LSAVDGDFAIDAIKTKAQLAEEQLKRFSYELKNALPDAAAIRYAVCKDSLGAAPTLSAGSTFSPNCD   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 190581 A6L61 RS01045 WP 002248273.1   NKANGDTLIKVLWVNDSAGDSDIARTNLEVSGDNIVYTYQARVGGRE   203
NTDB id 1087 NMV RS07485 WP 014574103.1       NKANGDTLIKVLWVNDSAGDSDISRTNLEVSGDNIVYTYQARVGGRE   206
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved