```
logo

NTDB id 1294 VP RS04495 WP 021449594.1        ................................MKWILTLCLVVFAPLSLAADTKADKYEGIEITVNINTASAEEIATML   47
NTDB id 1242 Cj0011c YP 002343483.1           ................................MKKLLFLF..FALTAFLFG.............AVNINTATLKELK.SL   32
NTDB id 1143809 A8Q77 RS08285 WP 064130790.1  ................................MKRYLLGLAGVLLSALSLA.............AVNINTATAEELK.AL   34
NTDB id 1127 NGFG RS10560 WP 003703428.1      MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.............AVNINAASQQELE.AL   66
NTDB id 1126 NGFG RS09375 WP 003703428.1      MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.............AVNINAASQQELE.AL   66
NTDB id 1125 NGFG RS07215 WP 003703428.1      MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.............AVNINAASQQELE.AL   66
NTDB id 1108 NGFG RS06525 WP 003703428.1      MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSCAFSLA.............AVNINAASQQELE.AL   66
consensus                                     ************************************************              *!!!!*!***!**  *!

logo

NTDB id 1294 VP RS04495 WP 021449594.1        KGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.......................   94
NTDB id 1242 Cj0011c YP 002343483.1           NGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFEKIKNDITIE......................   79
NTDB id 1143809 A8Q77 RS08285 WP 064130790.1  PGIGPAKAEAIVAYRSANGPFKAVEDLKKVKGIGEGVYGRLKDEATVAGVKKKE.AKPLAKKDGSKKP  101
NTDB id 1127 NGFG RS10560 WP 003703428.1      PGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK...  131
NTDB id 1126 NGFG RS09375 WP 003703428.1      PGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK...  131
NTDB id 1125 NGFG RS07215 WP 003703428.1      PGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK...  131
NTDB id 1108 NGFG RS06525 WP 003703428.1      PGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK...  131
consensus                                     *!!!**!!**!**!!*****!****!!**!!!!!*****************************
```

X non conserved

X similar

X ≥ 50% conserved