```
logo

NTDB id 1294 VP RS04495 WP 021449594.1          ................................MKWILTLCLVVFAPLSLAADTKADKYEGIEITVNINTASAEEIATMLK   48
NTDB id 1127 NGFG RS10560 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFS.CA...........FSLAAVNINAASQQELE.ALP   67
NTDB id 1126 NGFG RS09375 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFS.CA...........FSLAAVNINAASQQELE.ALP   67
NTDB id 1125 NGFG RS07215 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFS.CA...........FSLAAVNINAASQQELE.ALP   67
NTDB id 1108 NGFG RS06525 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFS.CA...........FSLAAVNINAASQQELE.ALP   67
NTDB id 228248 EBAPG3 RS14270 WP 004180083.1   ................................MKKLLFLIVMLFALAG...........PVYAAVNINTATQGELE.TLQ   36
NTDB id 1242 Cj0011c YP 002343483.1             ................................MKKLLF...LFFALTA...........FLFGAVNINTATLKELK.SLN   33
consensus                                       *********************************!!*********!* **           *****!!!!*!***!** *!*

logo

NTDB id 1294 VP RS04495 WP 021449594.1          GIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL....................   94
NTDB id 1127 NGFG RS10560 WP 003703428.1        GIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPK.GPAKPVLPAVKK  131
NTDB id 1126 NGFG RS09375 WP 003703428.1        GIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPK.GPAKPVLPAVKK  131
NTDB id 1125 NGFG RS07215 WP 003703428.1        GIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPK.GPAKPVLPAVKK  131
NTDB id 1108 NGFG RS06525 WP 003703428.1        GIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPK.GPAKPVLPAVKK  131
NTDB id 228248 EBAPG3 RS14270 WP 004180083.1   GIGPAKAKAIVDYRKKNGPFKLPGDLEKVNGIGPATMKKLRKDITVGGGTTAKTENKPAVR...Q   98
NTDB id 1242 Cj0011c YP 002343483.1             GIGEAKAKAILEYRKEA.NFTSIDDLKKVKGIGDKLFEKIKNDITIE...................   79
consensus                                       !!!**!!**!**!!*****!****!!**!*!!!*****!************ ************
```

X non conserved

X similar

X $\geq$ 50% conserved