```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1159 ABDM36 RS04765 WP 001166105.1      ..........................MQIK.TKIVTLFLSLCLPTPLPLLANAEETAPAAQVEEGIVITVNINTASAEELAT    54
NTDB id 1150 A1552VC RS08580 WP 001166105.1     ..........................MQIK.TKIVTLFLSLCLPTPLPLLANAEETAPAAQVEEGIVITVNINTASAEELAT    54
NTDB id 1101374 ACNI3C RS11560 WP 419769958.1   ....................................MKSLLCLI.AL................SFSLFALDLNKATLDELT.    28
NTDB id 1127 NGFG RS10560 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC................AFSLAAVNINAASQQELE.    64
NTDB id 1126 NGFG RS09375 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC................AFSLAAVNINAASQQELE.    64
NTDB id 1125 NGFG RS07215 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC................AFSLAAVNINAASQQELE.    64
NTDB id 1108 NGFG RS06525 WP 003703428.1        MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC................AFSLAAVNINAASQQELE.    64
NTDB id 1242 Cj0011c YP 002343483.1             ................................MKKLLFLF..FALT................AFLFGAVNINTATLKELK.    30
consensus                                                                          **    **********                  *********! !*   !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1159 ABDM36 RS04765 WP 001166105.1      LLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL..................   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1     LLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL..................   103
NTDB id 1101374 ACNI3C RS11560 WP 419769958.1   TLKGIGAVKAKSIIAYREANKCIKSLDDLLNIKGIGESFLTKNKNEISLSPCK..............    81
NTDB id 1127 NGFG RS10560 WP 003703428.1        ALPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1126 NGFG RS09375 WP 003703428.1        ALPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1125 NGFG RS07215 WP 003703428.1        ALPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1108 NGFG RS06525 WP 003703428.1        ALPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAKPVLPAVKK   131
NTDB id 1242 Cj0011c YP 002343483.1             SLNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFEKIKNDITIE.................    79
consensus                                        ! !!! *!!**! *!!   ** ****!!!**!!!! *** ***   **
```

X non conserved

X similar

X $\geq$ 50% conserved