```
logo
                                                  MTDNRGFTLVELISVVLILSVLALIVYPSYRNYVEKAKINAVRAALLENAHFMEKFYLQNGRFKQTST
                                                  MYLKAFDRKWDRATVQRGYSLIQLLVVMLLVSILATAAFTVYRESVRSANLRAAHAALLENARFMEQFYAKKGSFKLTST
NTDB id 1187 NEISUBOT RS06510 WP 050767750.1      MYLKAFDRKWDRATVQRGYSLIQLLVVMLLVSILATAAFTVYRESVRSANLRAAHAALLENARFMEQFYAKKGSFKLTST   80
NTDB id 185165 A9Y60 RS01145 WP 002214937.1       ............MTDNRGFTLVELISVVLILSVLALIVYPSYRNYVEKAKINAVRAALLENAHFMEKFYLQNGRFKQTST   68
NTDB id 1117 NGFG RS06520 WP 002214937.1          ............MTDNRGFTLVELISVVLILSVLALIVYPSYRNYVEKAKINAVRAALLENAHFMEKFYLQNGRFKQTST   68
NTDB id 1085 NMV RS10945 WP 002218144.1           ............MTDNRGFTLVELISVVLILSVLALIVYPSYRNYVEKAKINAVRAALLENAHFMEKFYLQNGRFKQTST   68
consensus                                                     *!**!!**!**!**!*!**!*!!******!!**!**!***!**!!!!!!!*!!!*!!***!*!!*!!!

logo
                                                  KWPSLPIKEAEGFCIRLNGIARGALDSKFMLKAVAIDKDKNPFIIKMNENLVTFICKK..SASSCSDGLDYFKGNDKDCK
                                                  KWPELPVKEAGGFCIRMSGQAKGILEGKFTLKAVALDREAEPRVLRLNESLTAVVCGKMKGKGSCTDGEEIFRGNDAECR
NTDB id 1187 NEISUBOT RS06510 WP 050767750.1      KWPELPVKEAGGFCIRMSGQAKGILEGKFTLKAVALDREAEPRVLRLNESLTAVVCGKMKGKGSCTDGEEIFRGNDAECR   160
NTDB id 185165 A9Y60 RS01145 WP 002214937.1       KWPSLPIKEAEGFCIRLNGIARGALDSKFMLKAVAIDKDKNPFIIKMNENLVTFICKK..SASSCSDGLDYFKGNDKDCK   146
NTDB id 1117 NGFG RS06520 WP 002214937.1          KWPSLPIKEAEGFCIRLNGIARGALDSKFMLKAVAIDKDKNPFIIKMNENLVTFICKK..SASSCSDGLDYFKGNDKDCK   146
NTDB id 1085 NMV RS10945 WP 002218144.1           KWPSLPIKEAEGFCIRLNGIARGALDSKFMLKAVAIDKDKNPFIIKMNENLVTFICKK..SASSCSDGLDYFKGNDKDCK   146
consensus                                         !!!*!!*!!!*!!!!!**!*!*!*!**!!*!!!!!*!****!*****!!*!****!*!  ***!!*!!***!*!!!**!*

logo
                                                  LLK
                                                  PFTG
NTDB id 1187 NEISUBOT RS06510 WP 050767750.1      PFTG   164
NTDB id 185165 A9Y60 RS01145 WP 002214937.1       LLK.   149
NTDB id 1117 NGFG RS06520 WP 002214937.1          LLK.   149
NTDB id 1085 NMV RS10945 WP 002218144.1           LFK.   149
consensus                                         * *
```

X non conserved

X similar

X $\geq$ 50% conserved