

>phiHau3 phage: g7-g8 junction

```
agt agc tac cgg gcc ctt gag ggg gcc cgg tct
S S Y R A L E G A R S
```

TTAACGGTCC
+10 nt

>StrepC1 prophage: g7-g8 junction

```
agc tcc ttc cgt gcc ctg gag ggc ggc cgg gtc
S S F R A L E G G R V
```

>S. catenulae prophage: g7-g8 junction

```
tca tcg ttc cgc gcc ctt gag ggc ggc cga gtc
S S F R A L E G G R V
```

>R4 phage: g7-g8 junction

```
agc tcg tac cgg gcg atc gag ggt aag cga acc
S S Y R A I E G K R T
```

```
acg ttc gta gtg ctc aac gaa acc cat cac tgg gtg acg ggt aac aac
T F V V L N E T H H W V T G N N
```

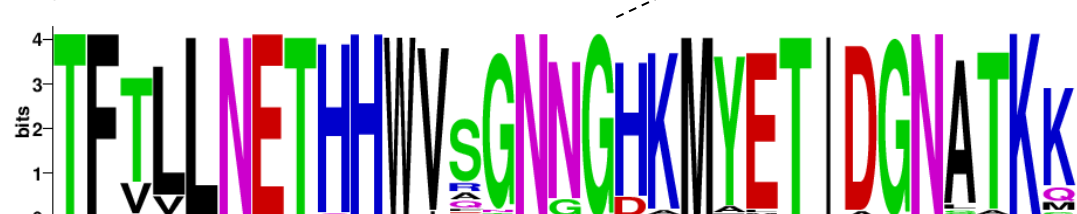
```
acc ttc acc gtg ctg aac gaa acg cac cac tgg gtg acc ggc aat aac
T F T V L N E T H H W V T G N N
```

```
act ttc aca gtg ctc aac gaa acg cac cat tgg gtg agt ggc aat aac
T F T V L N E T H H W V S G N N
```

```
acc ttc acc ctg ctc aac gag acg cat cac tgg gtc gcc ggt aac ggc
T F T L L N E T H H W V A G N G
```



g7 part (C-terminus)



g8 part (N-terminus)