

1st, 5' → 3'

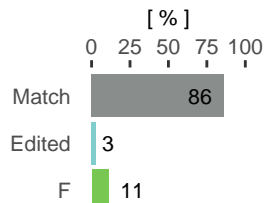
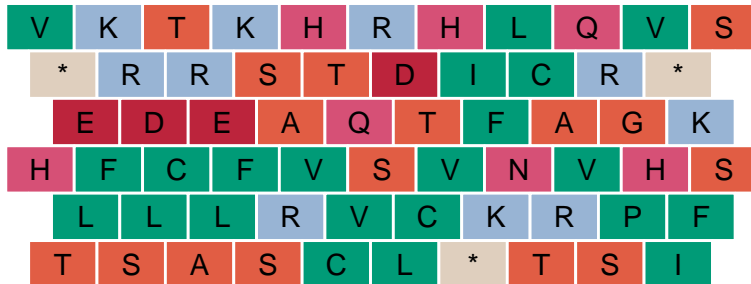
2nd, 5' → 3'

3rd, 5' → 3'

1st, 3' ← 5'

2nd, 3' ← 5'

3rd, 3' ← 5'



amplicon

1

2

3

4

5

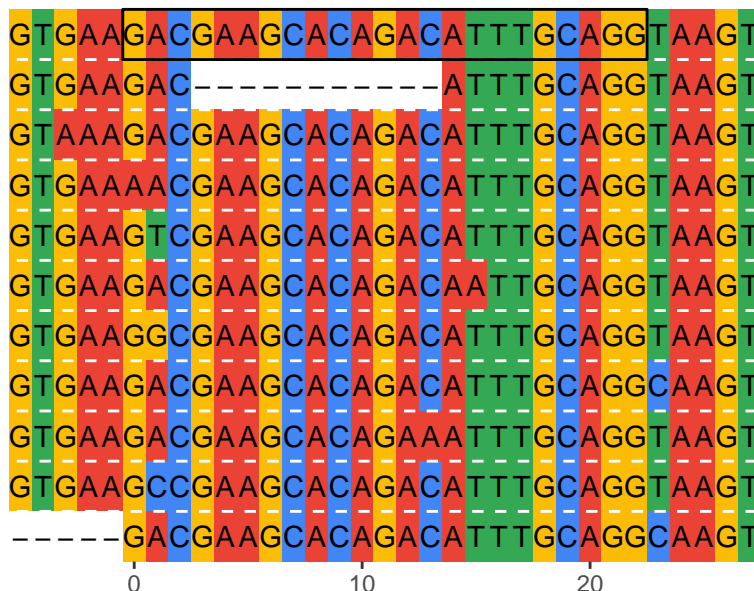
6

7

8

9

10



Relative Nucleotide Position

Freq	Count	F
0.53	3295	0
0.09	550	-11
0.05	306	0
0.04	263	0
0.04	245	0
0.03	165	0
0.02	114	0
0.02	109	0
0.02	97	0
0.02	96	0
0.01	88	-12