

1st, 5' → 3'

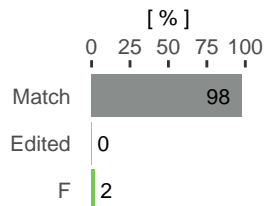
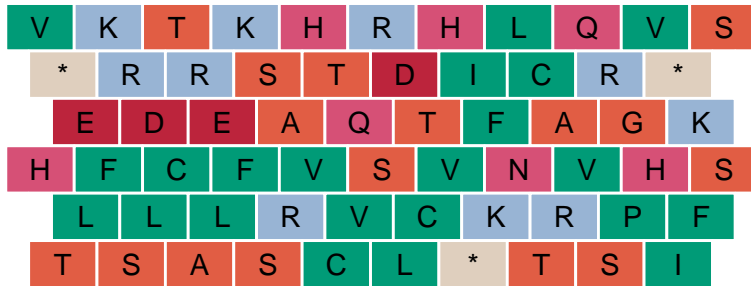
2nd, 5' → 3'

3rd, 5' → 3'

1st, 3' ← 5'

2nd, 3' ← 5'

3rd, 3' ← 5'



amplicon

1

2

3

4

5

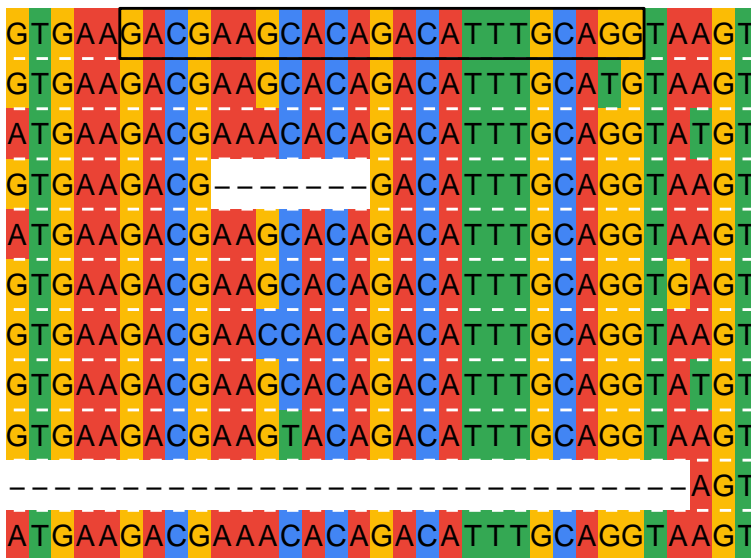
6

7

8

9

10



0

10

20

Relative Nucleotide Position

Freq	Count	F
0.86	2180	0
0.03	66	0
0.02	49	0
0.02	40	-7
0.01	34	0
0.01	34	0
0.01	21	0
0.01	21	0
0.01	19	0
0	12	-80
0	11	0