

1st, 5' → 3'

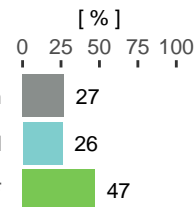
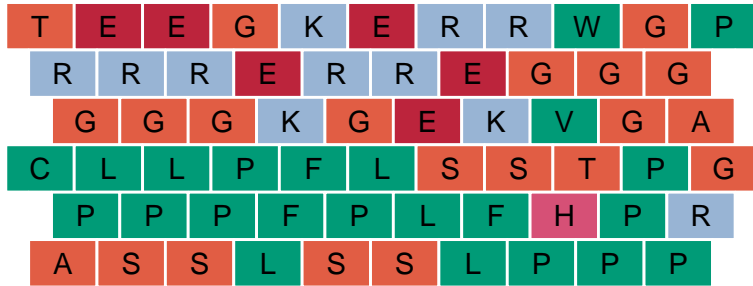
2nd, 5' → 3'

3rd, 5' → 3'

1st, 3' ← 5'

2nd, 3' ← 5'

3rd, 3' ← 5'



amplicon

1

2

3

4

5

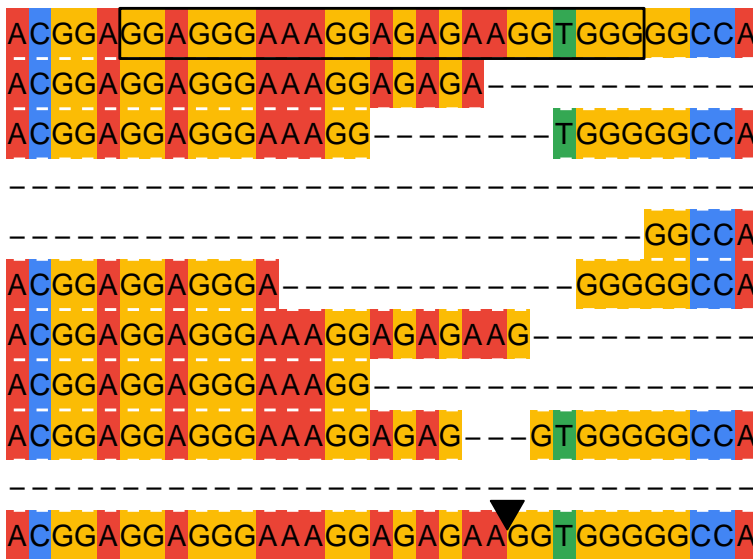
6

7

8

9

10



0

10

20

Relative Nucleotide Position

Freq	Count	F
0.25	1486	0
0.08	471	-12
0.05	298	-8
0.03	175	-71
0.03	174	-76
0.03	153	-13
0.02	145	-11
0.02	126	-64
0.02	109	-3
0.02	94	-63
0.02	89	2