

1st, 5' → 3'

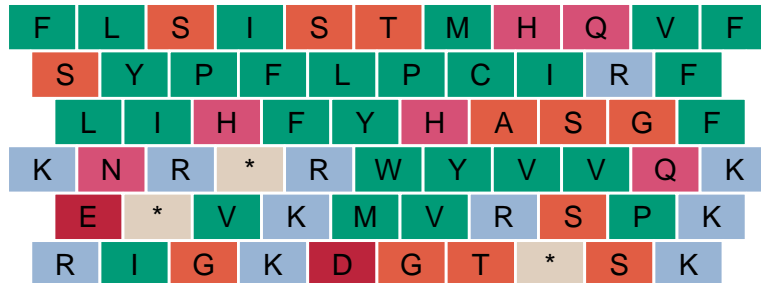
2nd, 5' → 3'

3rd, 5' → 3'

1st, 3' ← 5'

2nd, 3' ← 5'

3rd, 3' ← 5'



[%]

0 25 50 75 100

Match 59

InDel 28

F 13

amplicon

1

2

3

4

5

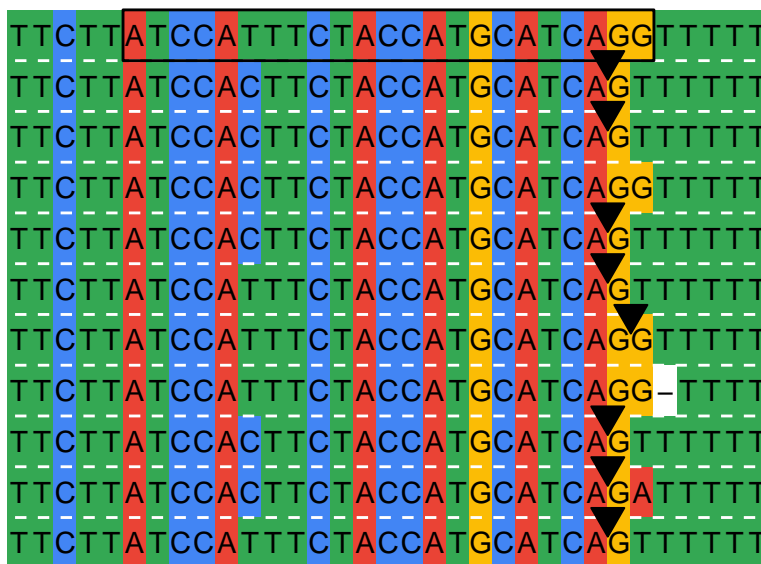
6

7

8

9

10



0

10

20

Relative Nucleotide Position

Freq	Count	F
0.54	1326	0
0.24	603	3
0.04	96	2
0.04	90	0
0.04	88	4
0.02	60	3
0.02	39	1
0.01	22	-1
0.01	18	5
0.01	14	1
0	10	2