

1st, 5' → 3'

2nd, 5' → 3'

3rd, 5' → 3'

1st, 3' ← 5'

2nd, 3' ← 5'

3rd, 3' ← 5'

amplicon

1

2

3

4

5

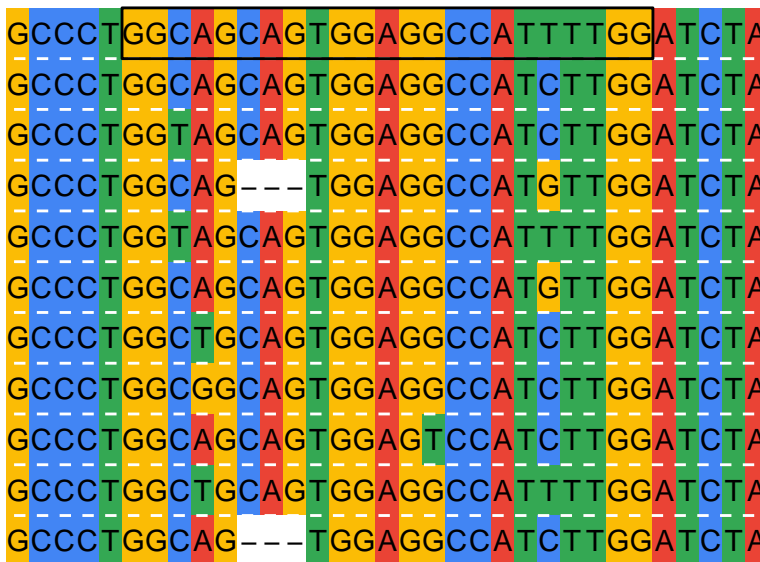
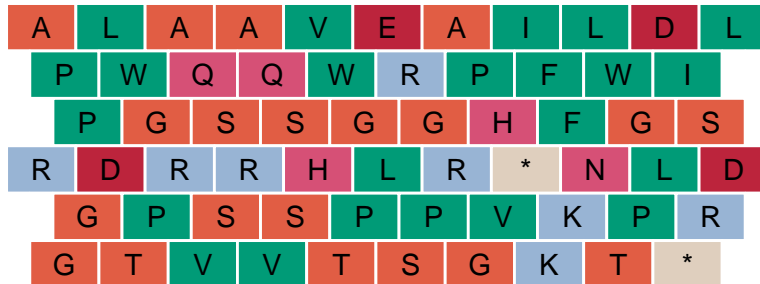
6

7

8

9

10



0

10

20

Relative Nucleotide Position

[%]

0 25 50 75 100

Match

98

InDel

2

F

0

Freq

Count

F

0.21

1009

0

0.67

3147

0

0.04

183

0

0.02

84

-3

0.01

38

0

0.01

28

0

0.01

25

0

0

15

0

0

12

0

0

11

0

0

10

-3