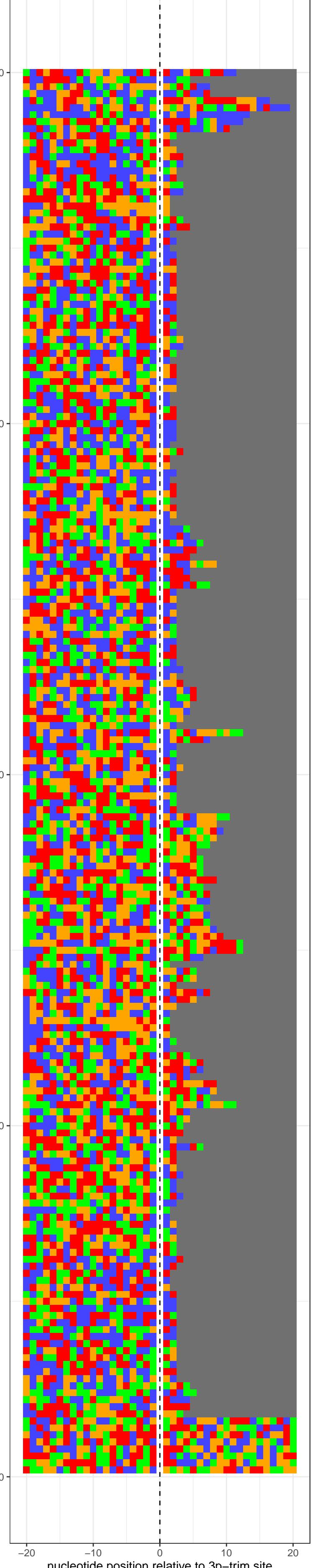
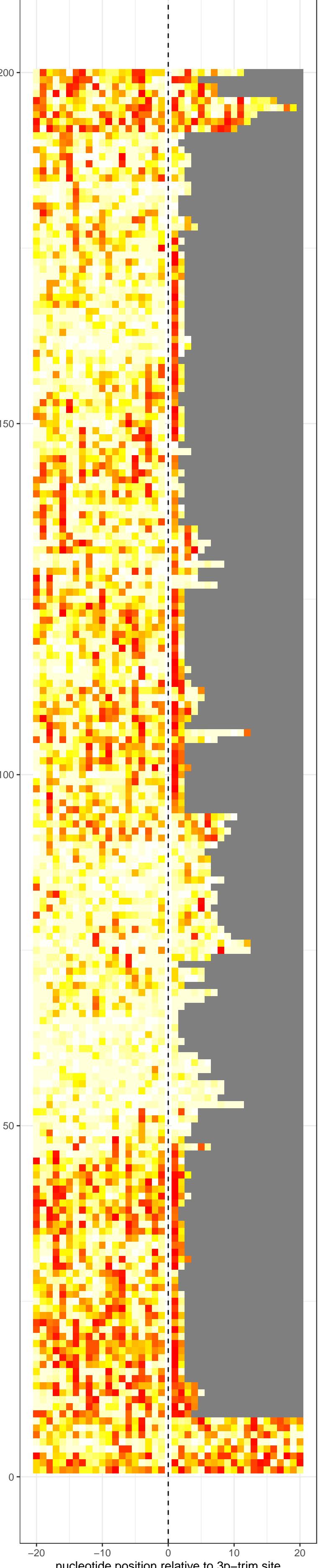


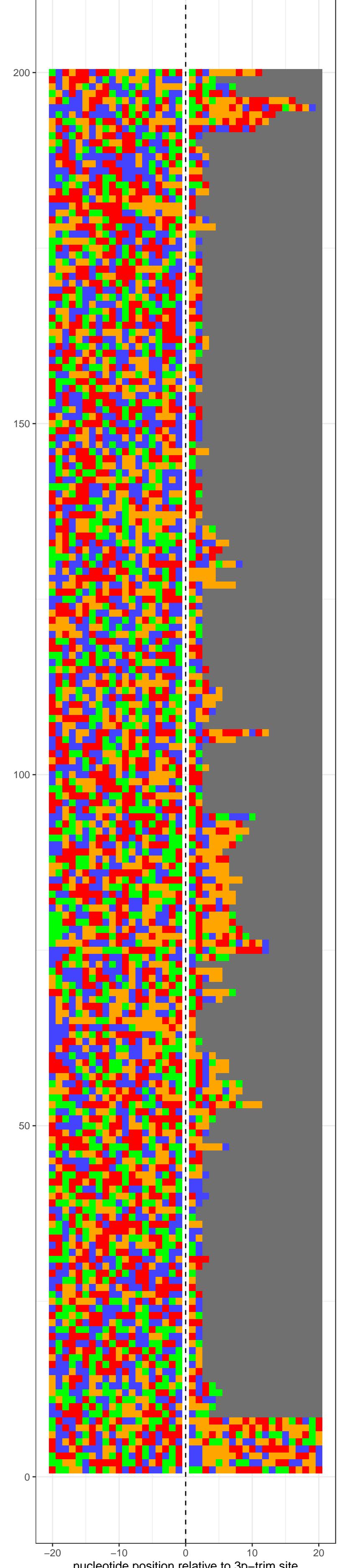
Read sequence; Clustered by base-quality patterns



Base-quality; Clustered by base-quality patterns



Genomic sequence; Clustered by base-quality patterns



Sequence (X = insertion)

A
C
G
N
T
X

base-call quality

30
20
10

Sequence (X = insertion)

A
C
G
N
T
X