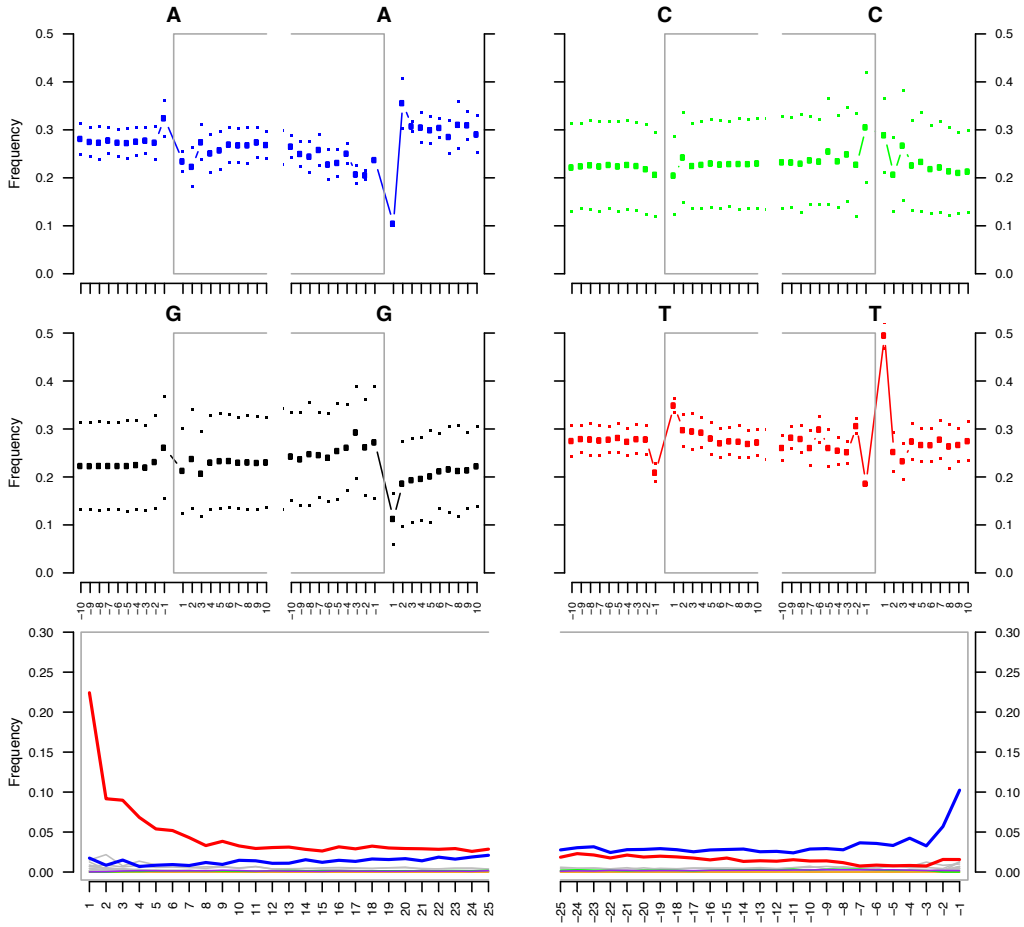
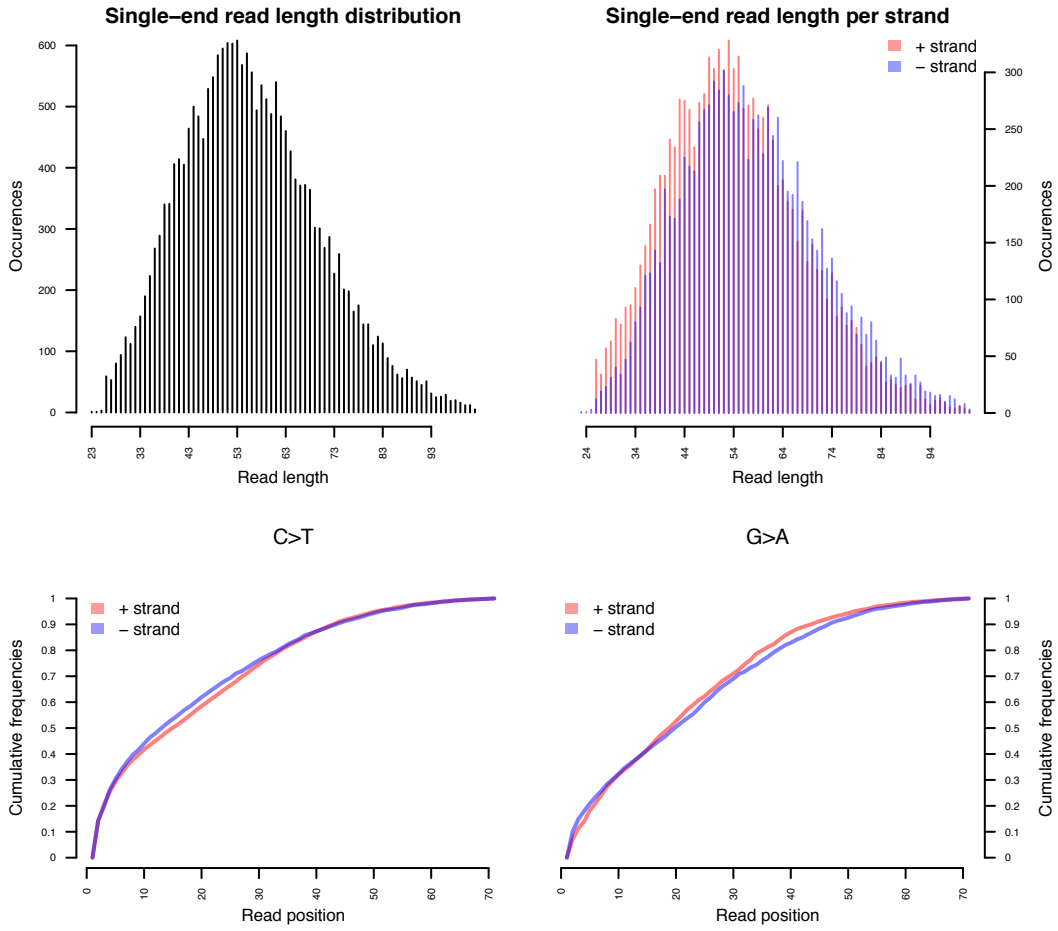
A


A
A
C
C
G
G
T
T
Frequency

B


Single−end read length distribution
Occurences
Read length
Single−end read length per strand
+ strand
− strand
Occurences
Read length
C>T
G>A
+ strand
− strand
Cumulative frequencies
Read position

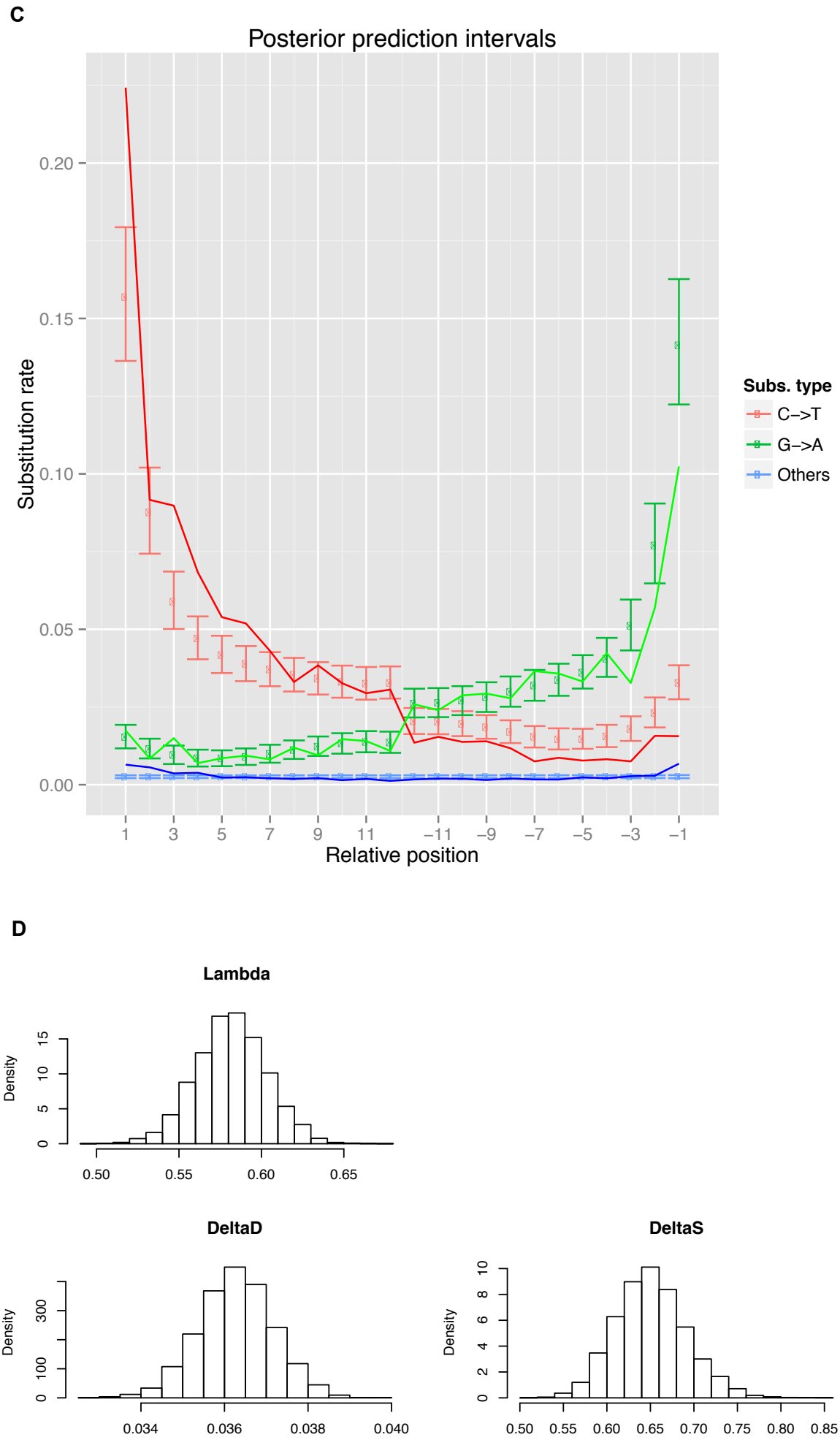

C
Posterior prediction intervals
Substitution rate
0.20
0.15
0.10
0.05
0.00
1
3
5
7
9
11
−11
−9
−7
−5
−3
−1
Relative position
Subs. type
C−>T
G−>A
Others
D
Lambda
Density
0
5
10
15
0.50
0.55
0.60
0.65
DeltaD
Density
0
100
300
0.034
0.036
0.038
0.040
DeltaS
Density
0
2
4
6
8
10
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85

Figure S2