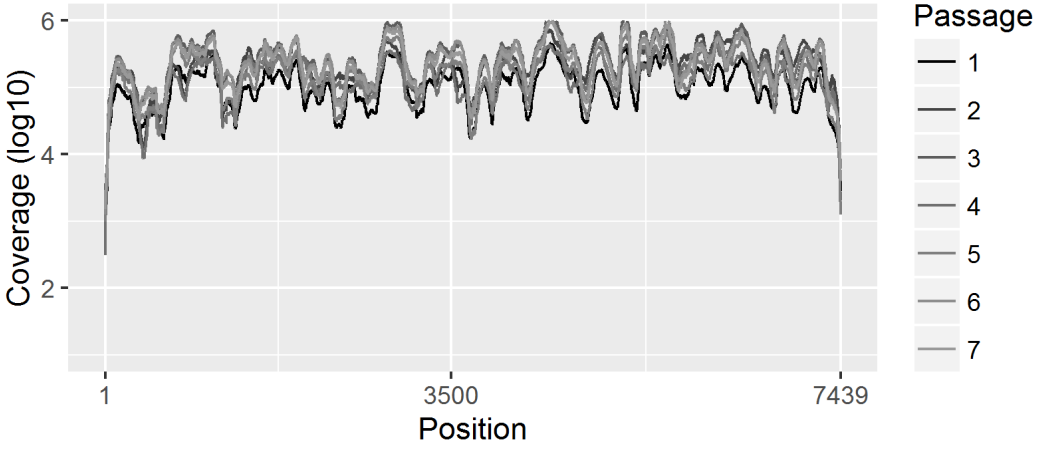
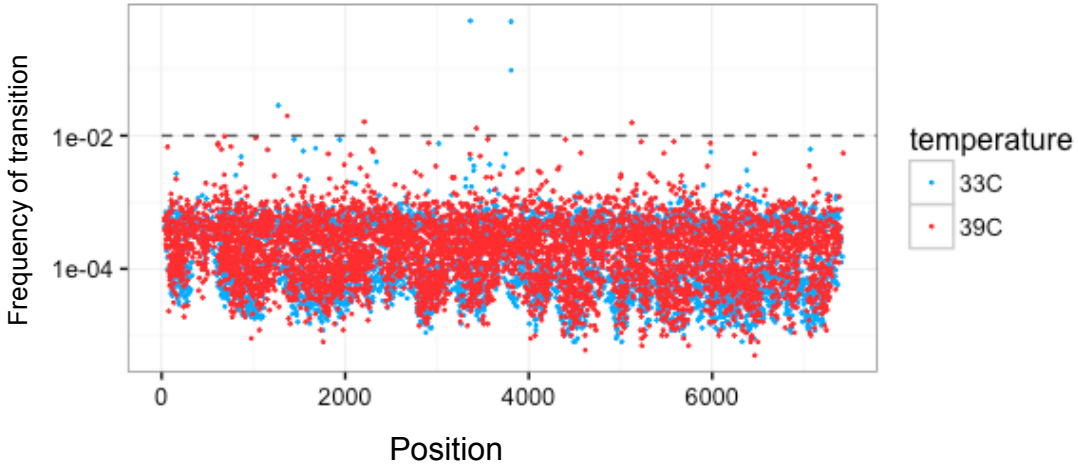
**(A)**


Coverage (log10)
6
4
2
1
3500
7439
Position
Passage
1
2
3
4
5
6
7

**(B)**


Frequency of transition
1e-02
1e-04
0
2000
4000
6000
Position
temperature
33C
39C