

Read name: T08-RA

Mapping rate: 94.4%

Duplication rate: 50.7%

ContEst rate: 0.1%

Depth Quarter

Mapq	Min	1stQ	Median	Mean	3rdQ	Max
0	0.0	796.0	1300.0	1399.6	1850.0	5550.0
20	0.0	794.0	1298.0	1397.6	1848.0	5550.0
30	0.0	793.0	1297.0	1397.2	1847.0	5550.0

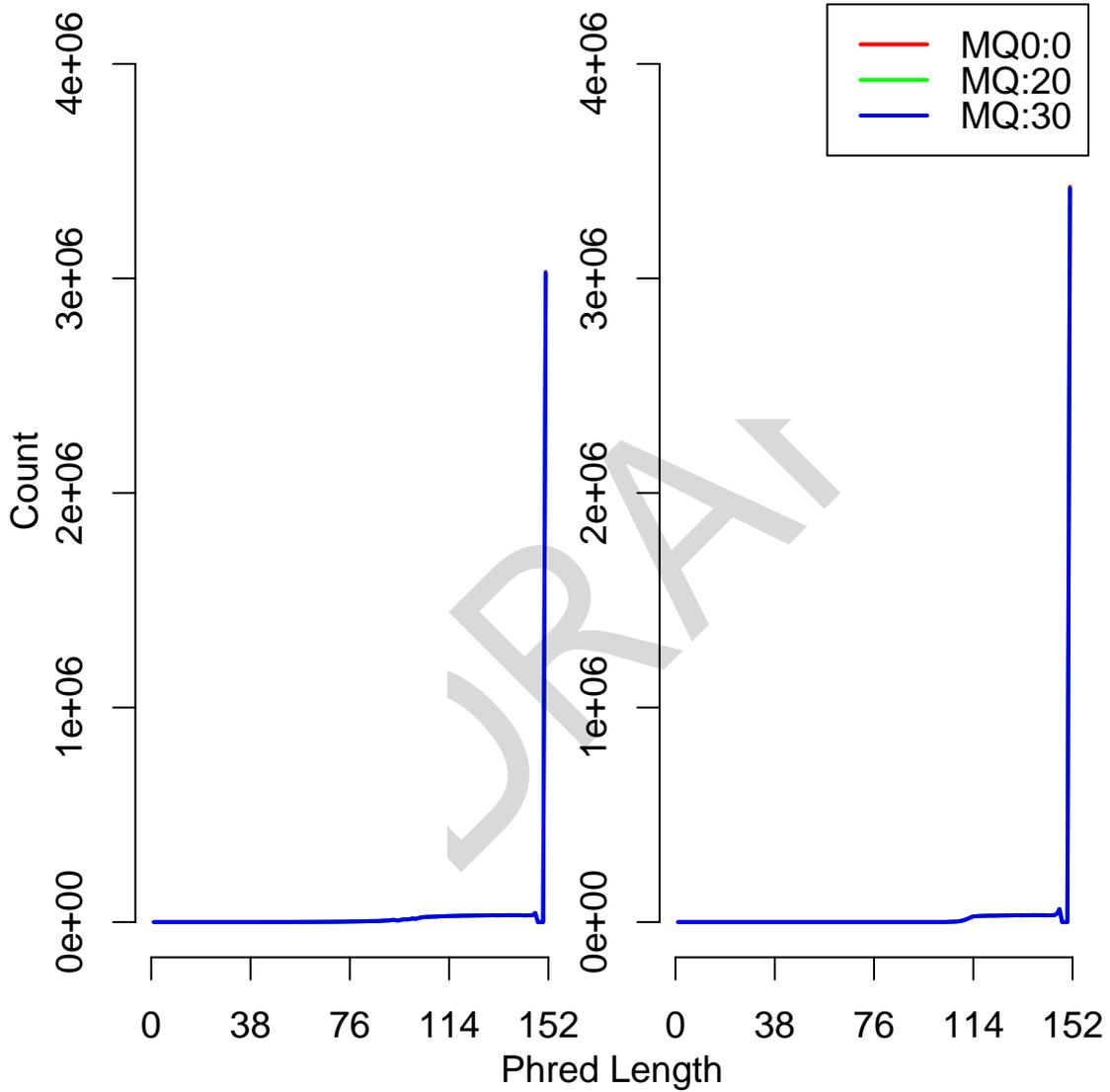
Depth Target Occupied

Mapq	Depth \geq 20	Depth \geq 100	Depth \geq 300
0	99.9	99.3	95.6
20	99.9	99.3	95.5
30	99.9	99.3	95.5

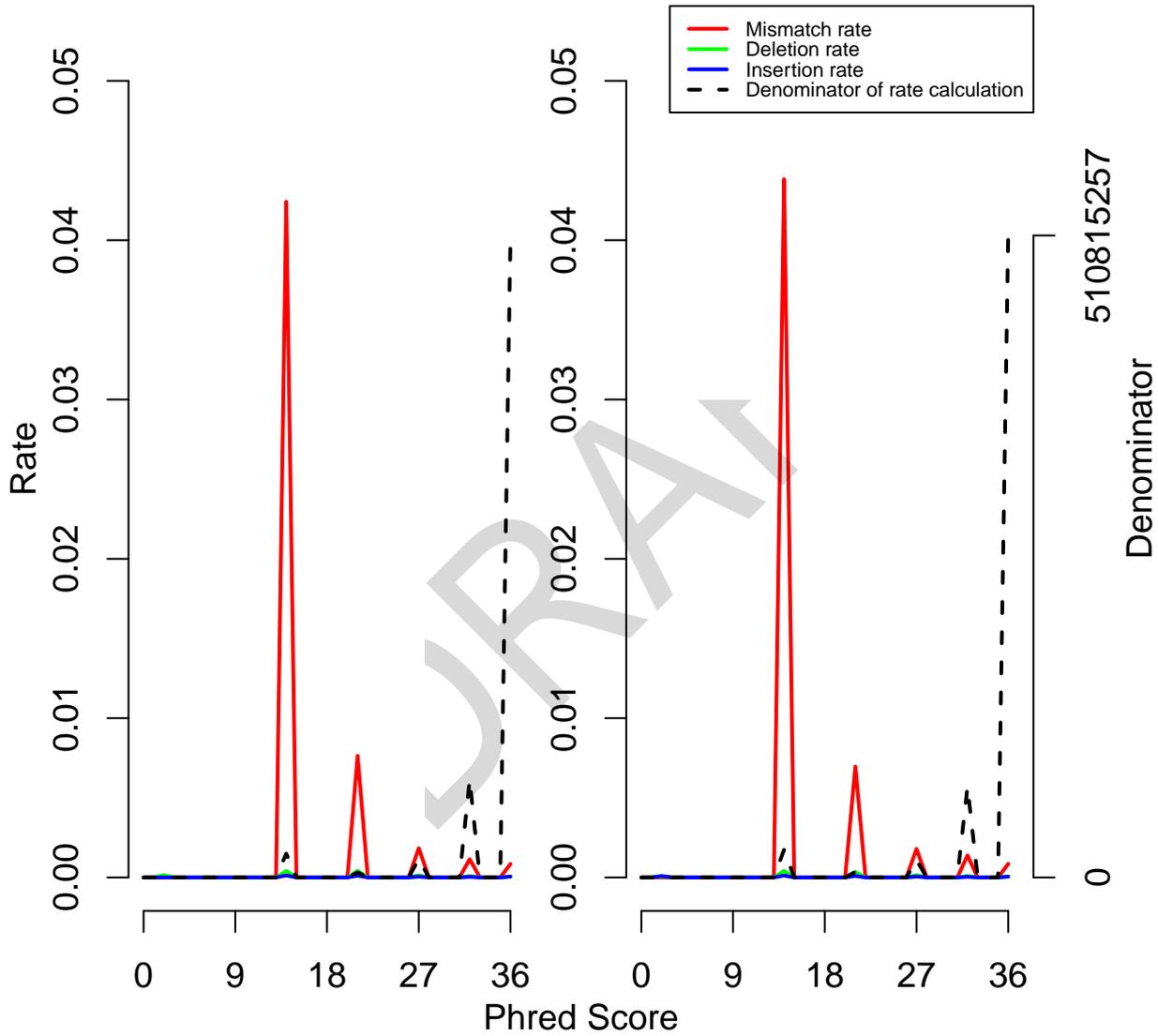
Depth Uniformity

Mapq	Depth \geq 0.1*Average	Depth \geq 0.2*Average	Depth \geq 0.5*Average
0	98.8	96.1	79.6
20	98.8	96.0	79.6
30	98.8	96.0	79.5

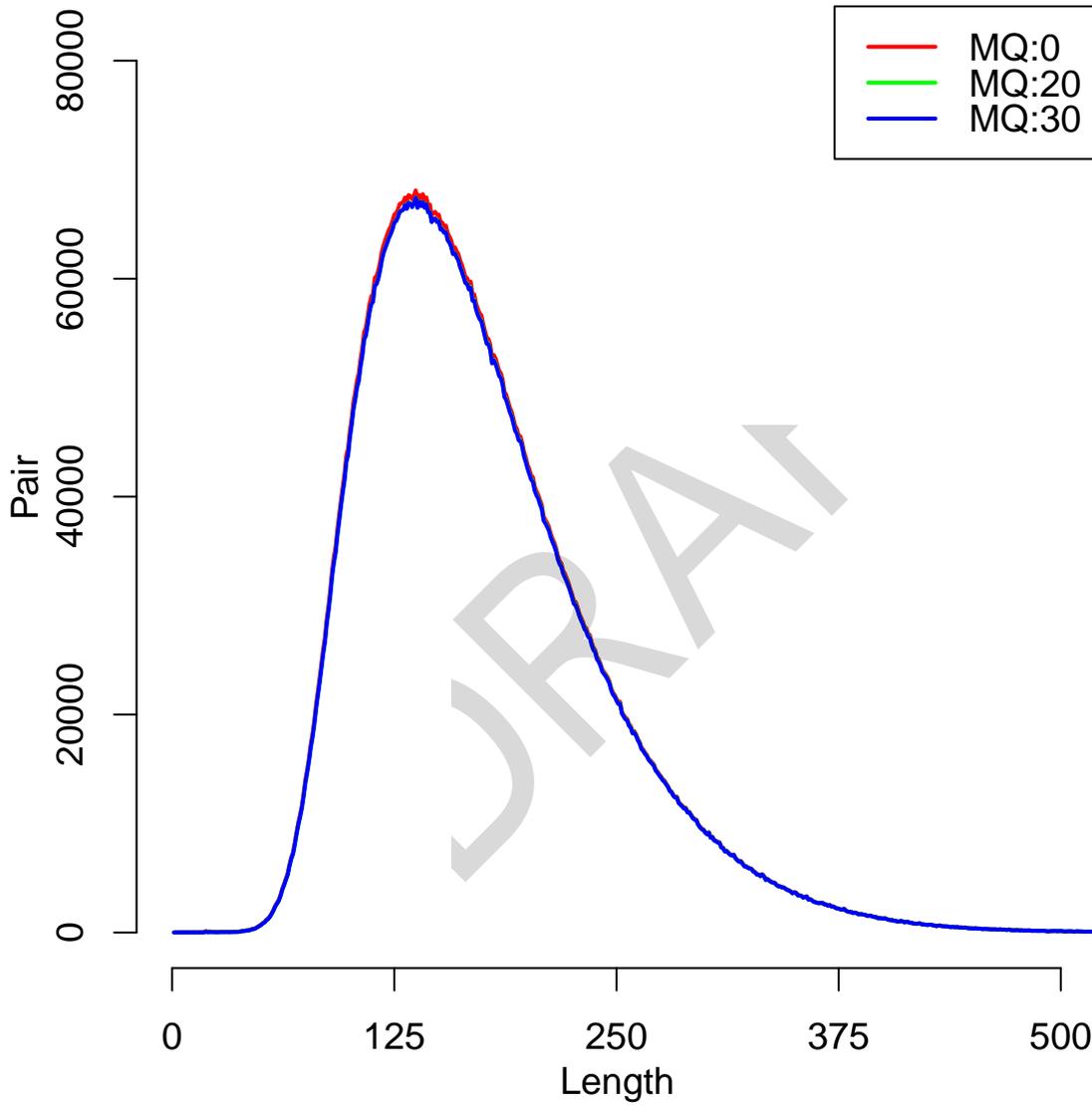
Read Length Distribution



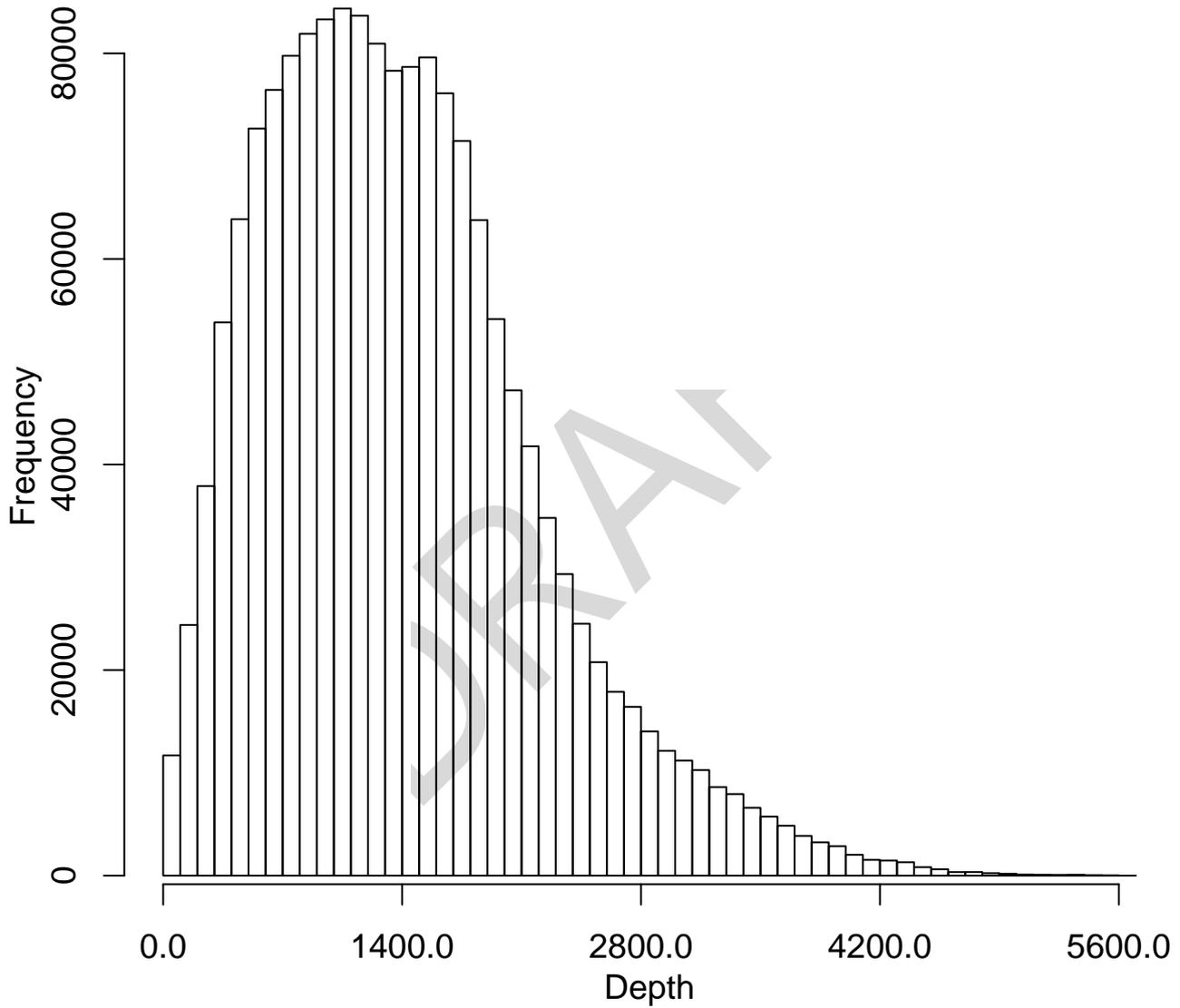
Mismatch Rate on Phred Score



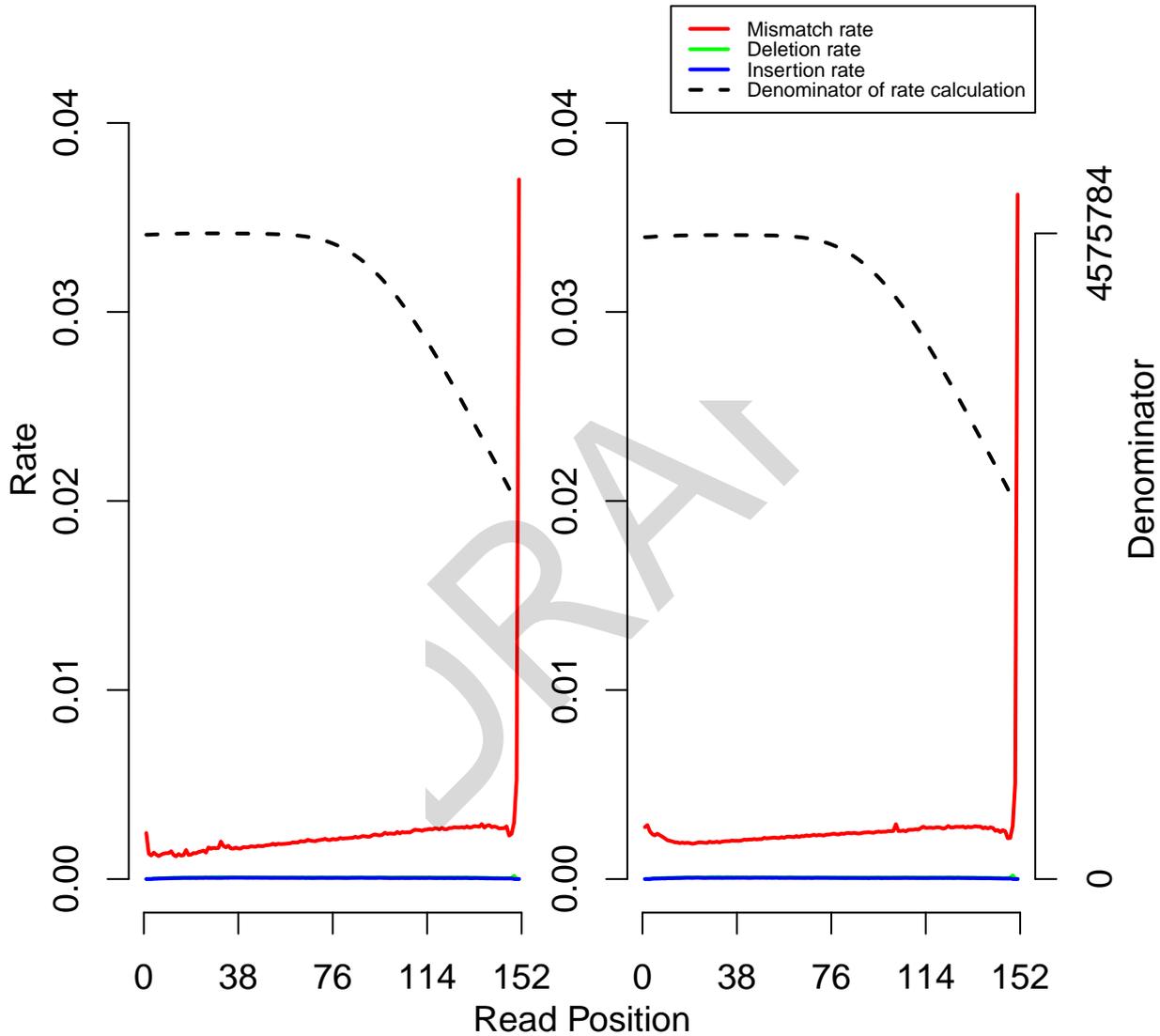
Insert Length Distribution



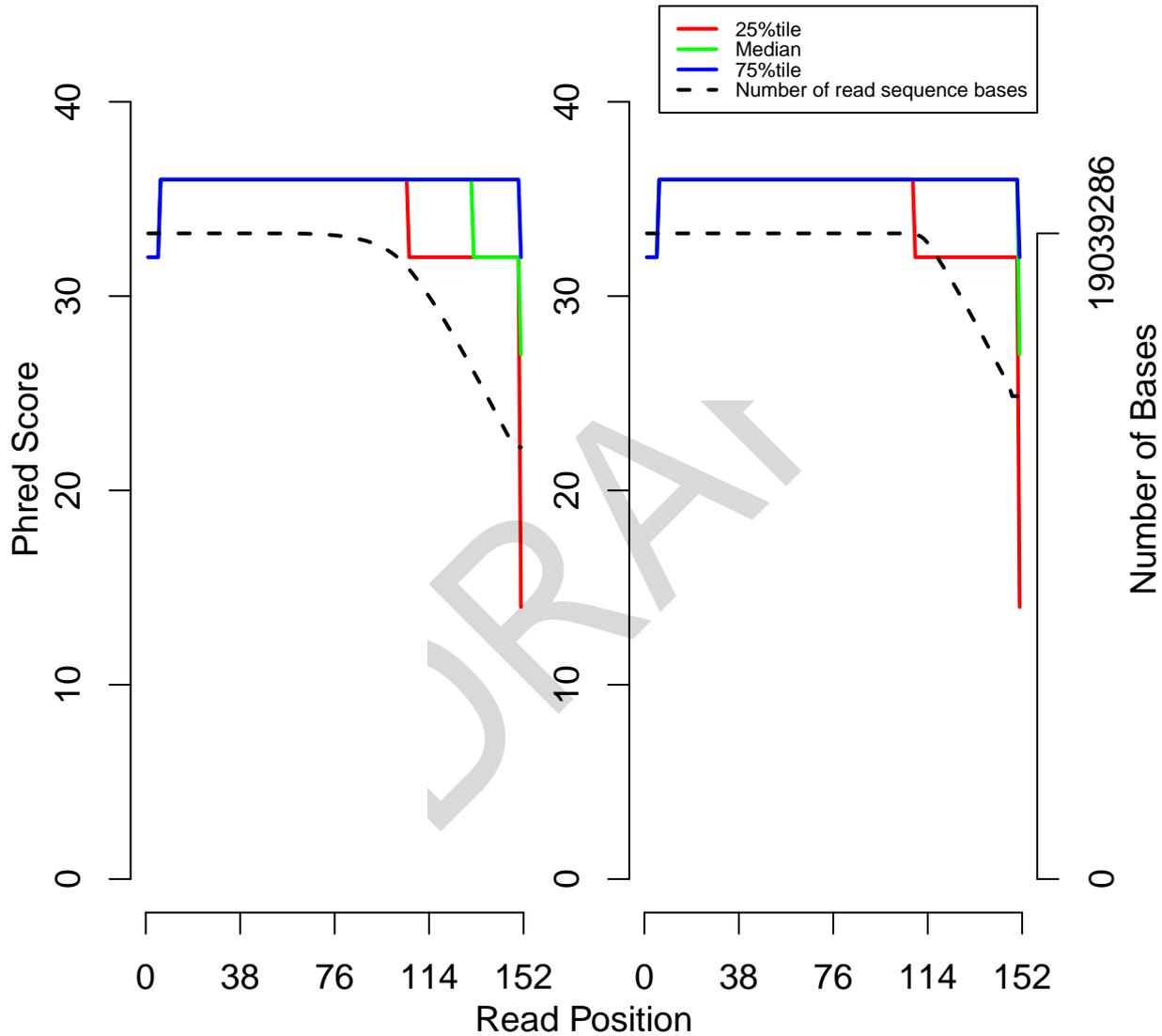
Depth Frequency Histogram



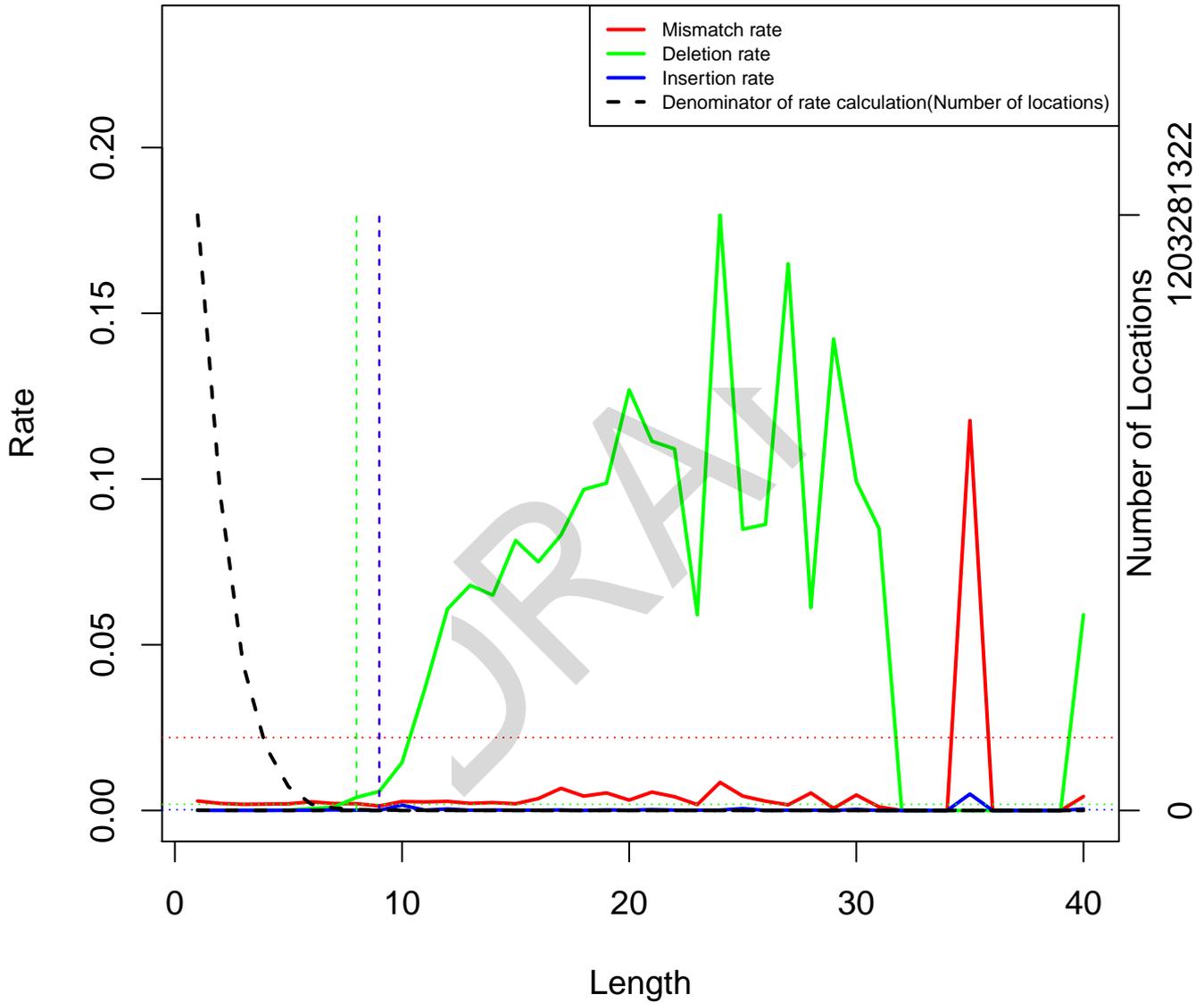
Mismatch Rate on Read Position



Phred Score Distribution on Read Position



Mismatch Rate on Homopolymer Length



The dotted line shows the respective Max – permissive rate, and the dashed line shows the respective Cutoff length.

Read name: N08-RA

Mapping rate: 94.3%

Duplication rate: 34.2%

Depth Quarter

Mapq	Min	1stQ	Median	Mean	3rdQ	Max
0	0.0	320.0	511.0	553.4	738.0	2261.0
20	0.0	320.0	511.0	552.7	737.0	2261.0
30	0.0	319.0	510.0	552.5	737.0	2261.0

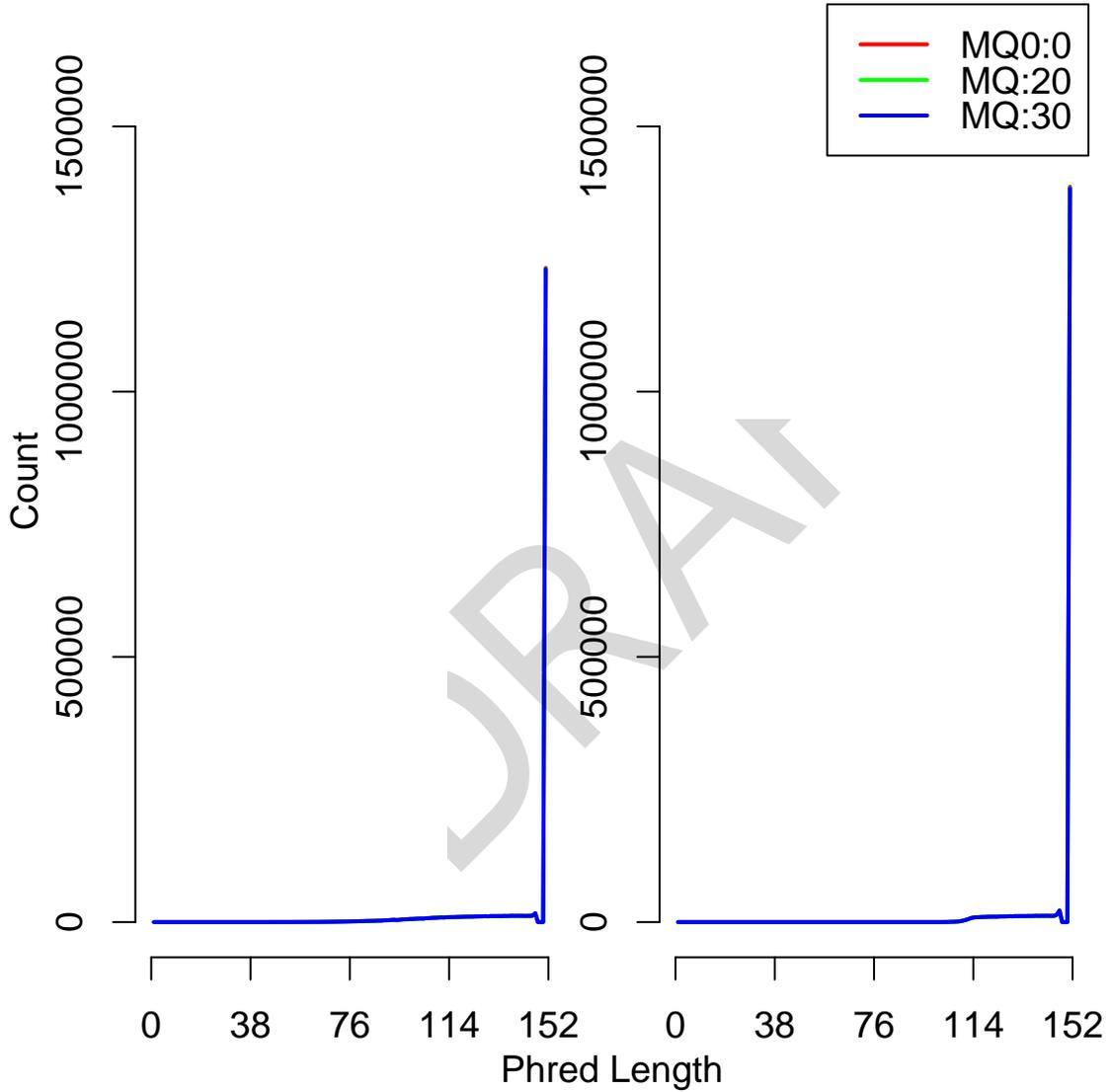
Depth Target Occupied

Mapq	Depth \geq 20	Depth \geq 100	Depth \geq 300
0	99.9	97.7	77.7
20	99.8	97.7	77.6
30	99.8	97.7	77.6

Depth Uniformity

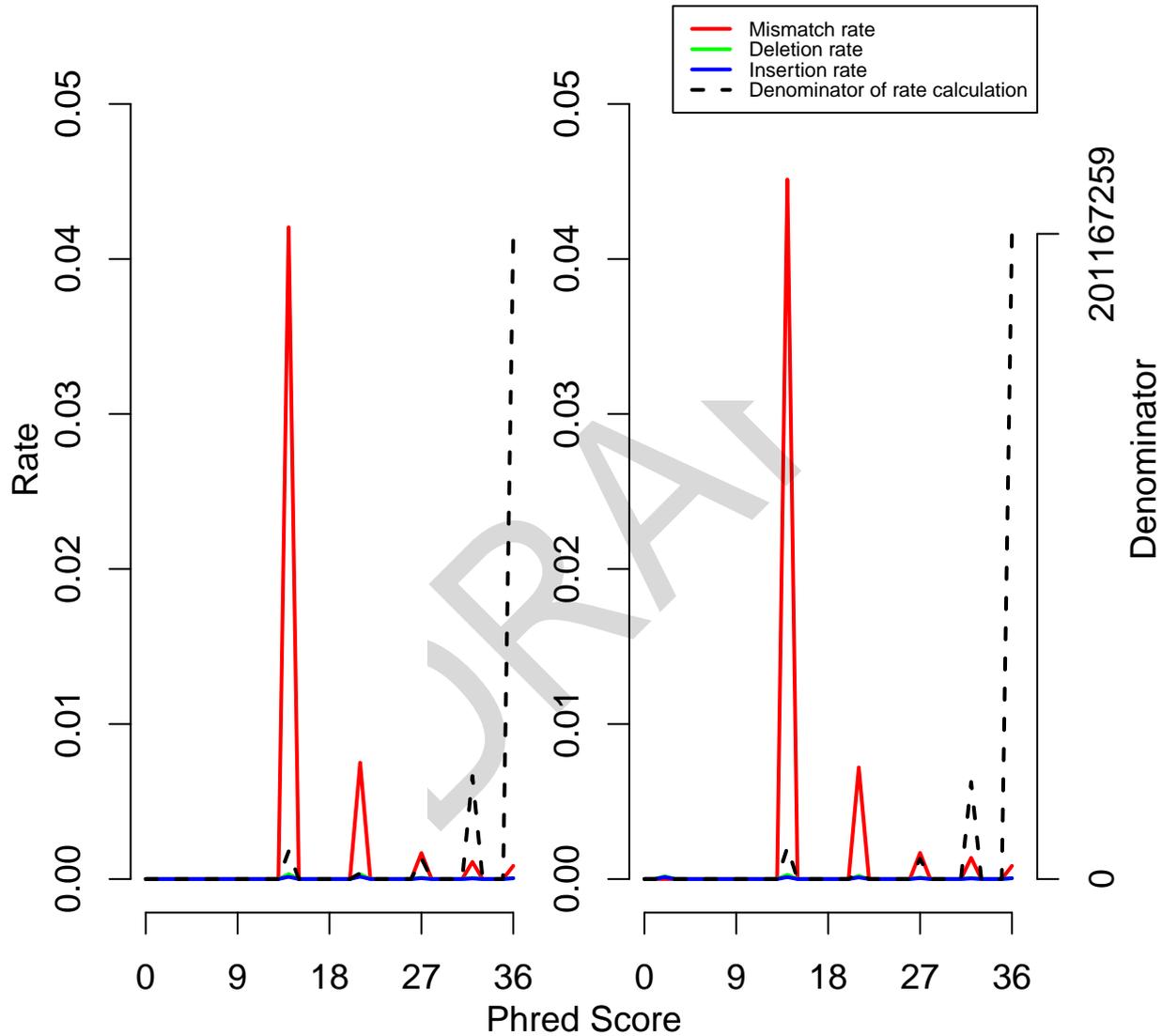
Mapq	Depth \geq 0.1*Average	Depth \geq 0.2*Average	Depth \geq 0.5*Average
0	99.3	97.2	80.6
20	99.2	97.2	80.5
30	99.2	97.1	80.5

Read Length Distribution

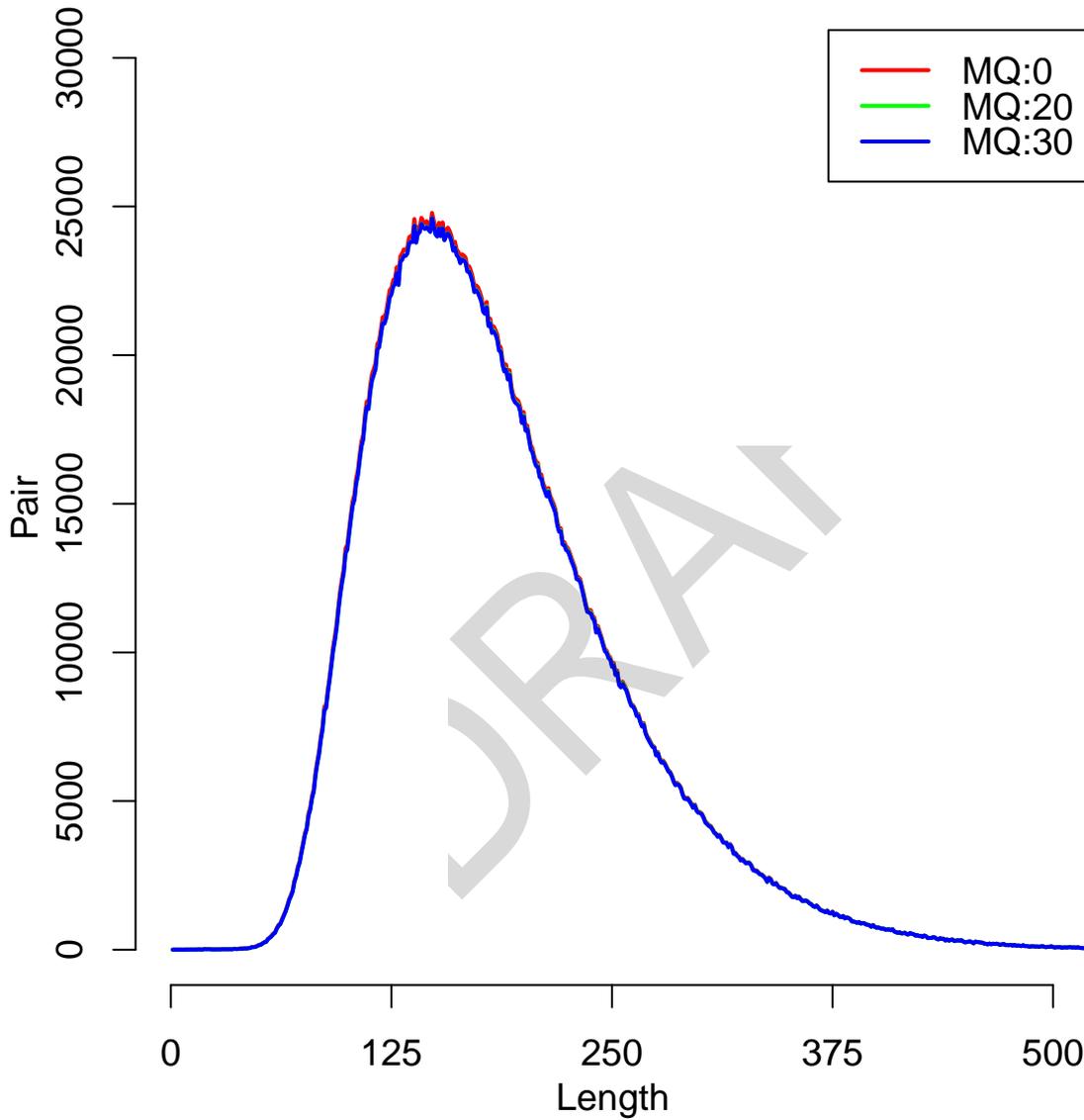


SPRA

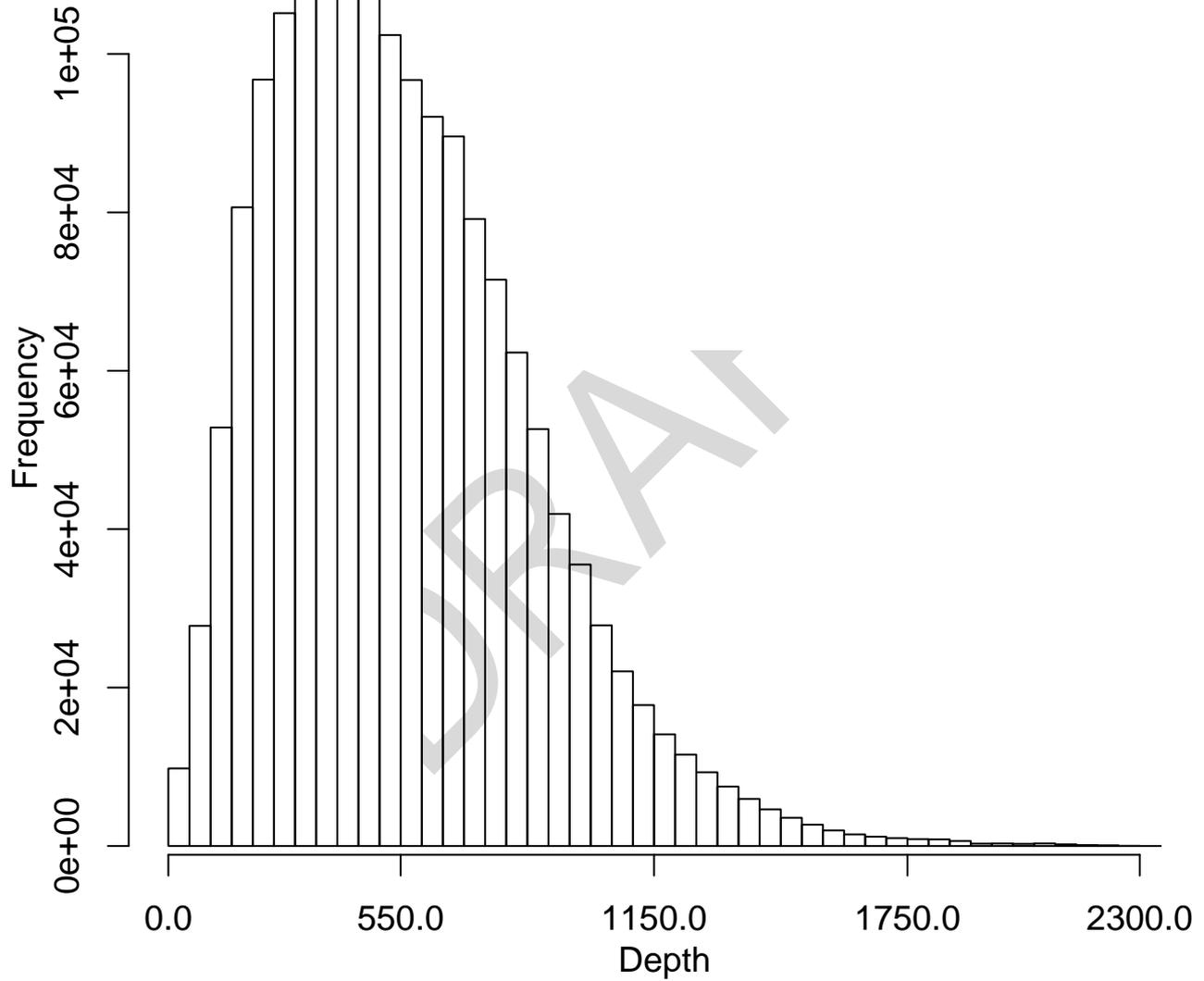
Mismatch Rate on Phred Score



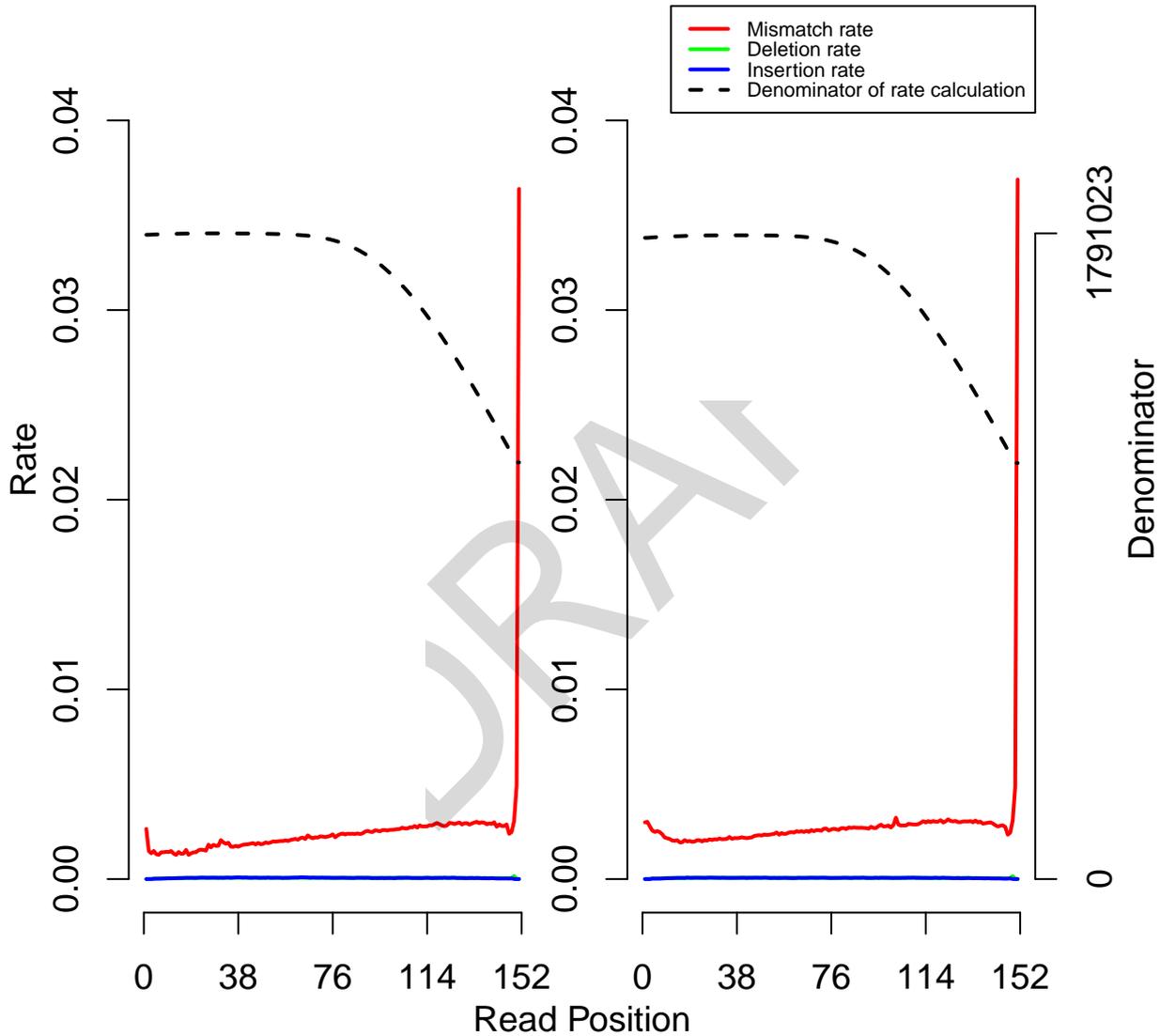
Insert Length Distribution



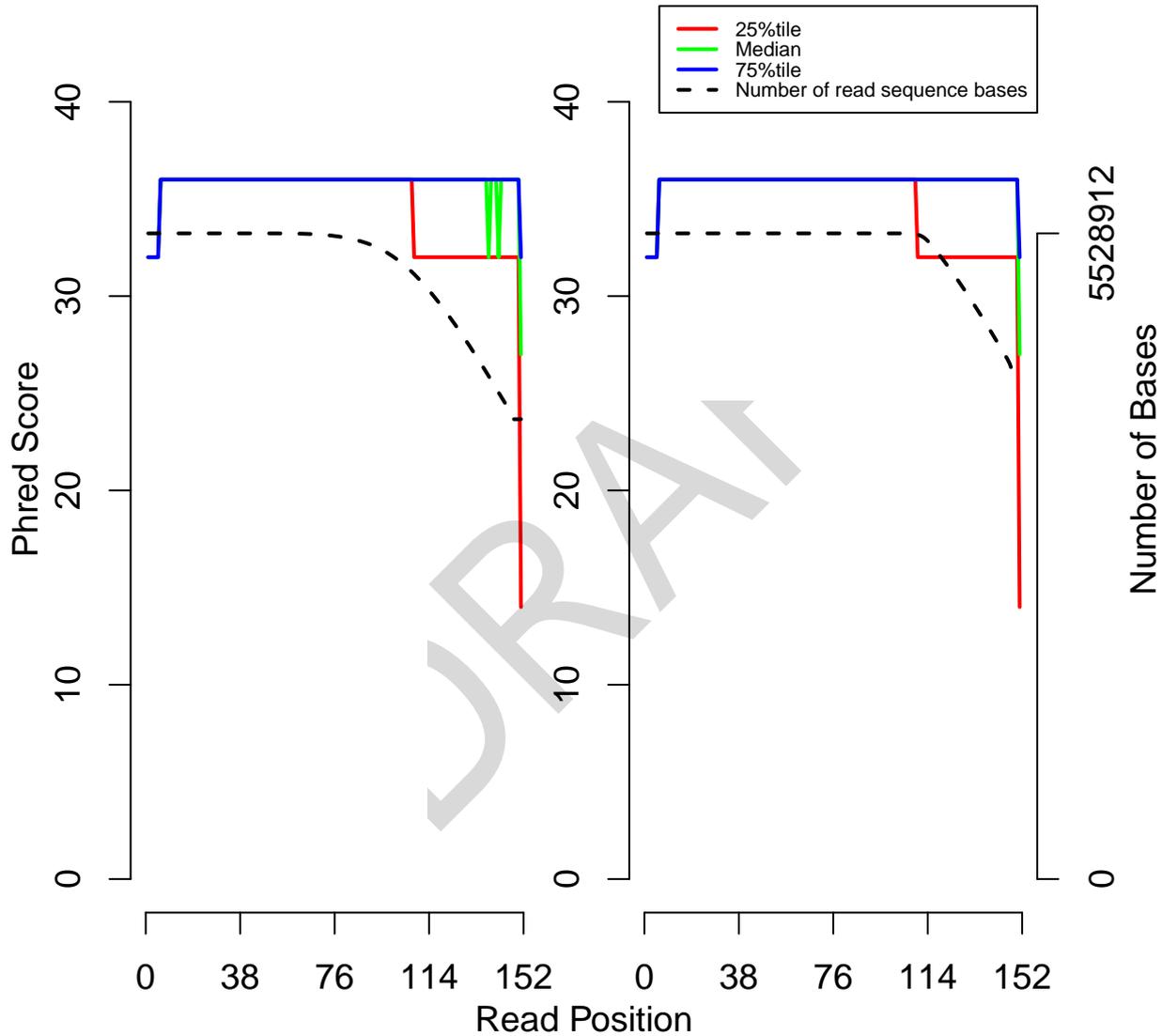
Depth Frequency Histogram



Mismatch Rate on Read Position

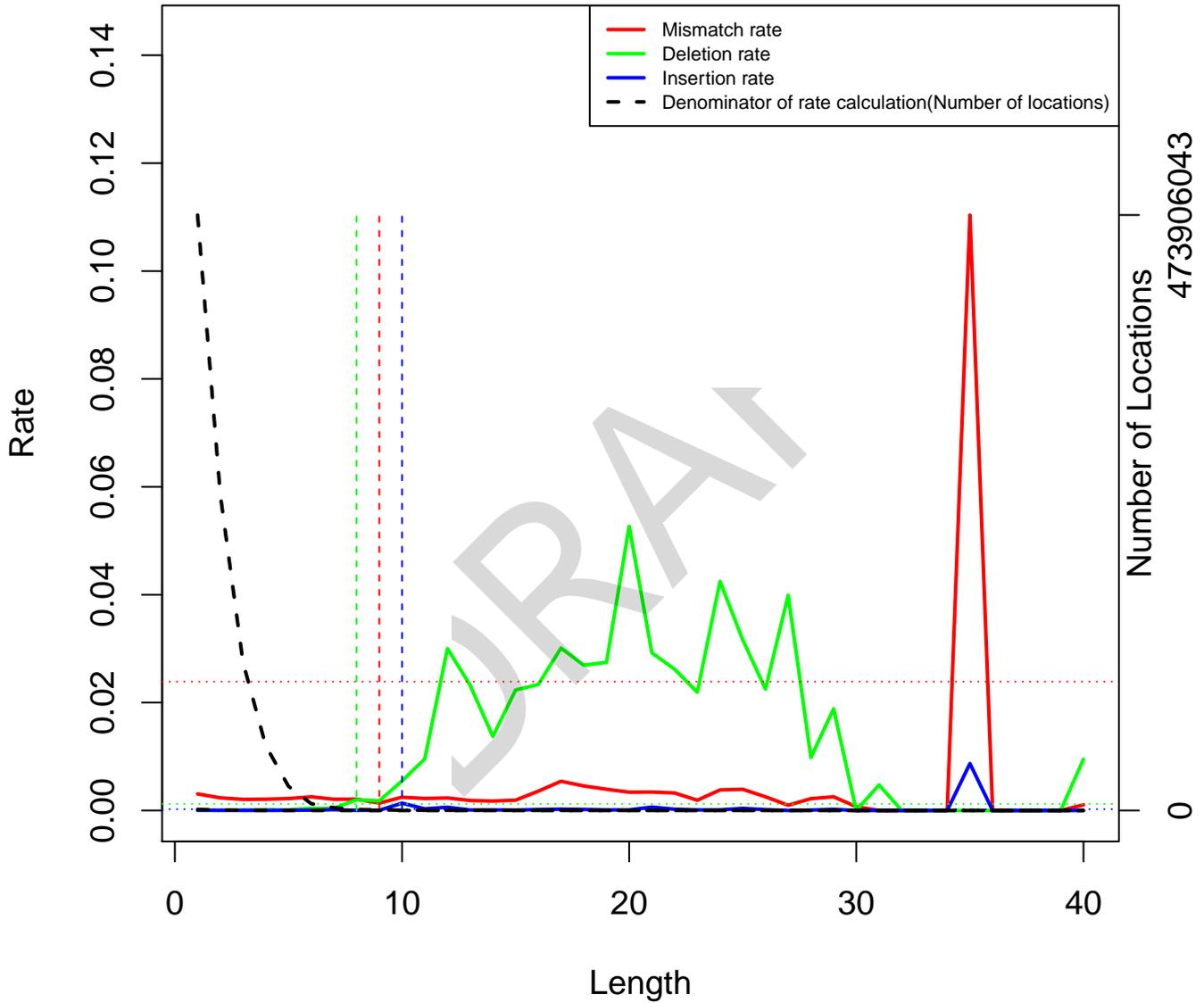


Phred Score Distribution on Read Position



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Mismatch Rate on Homopolymer Length



The dotted line shows the respective Max – permissive rate, and the dashed line shows the respective Cutoff length.