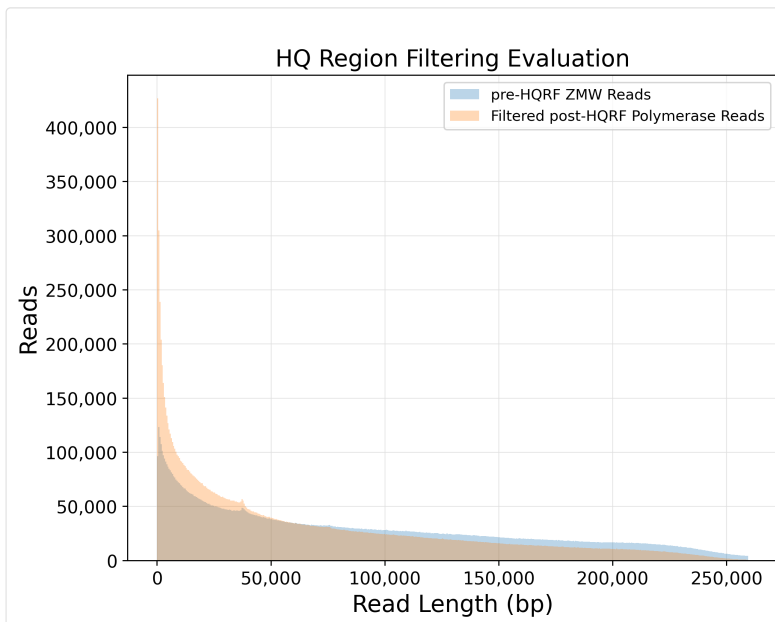


Loading Statistics

Collec...	Total Z...	Produ...	(%)	Produ...	(%)	Produ
m84036_23...	25,165,824	9,734,813	38.68	15,067,473	59.87	363,56

HQ Region Filtering Evaluation



CCS Analysis Report

Value	Analysis Metric
4.7	HiFi Reads
87.35 Gb	HiFi Yield (bp)
18.69 kb	HiFi Read Length (mean, bp)
18,815	HiFi Read Length (median, bp)
18,815	HiFi Read Length N50 (bp)
Q30	HiFi Read Quality (median)
7	HiFi Number of Passes (mean)

HiFi Read Length Summary

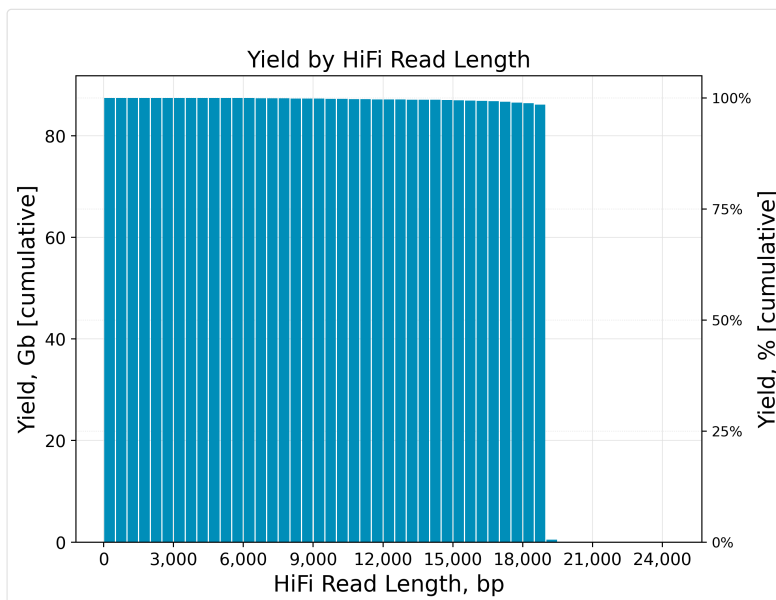
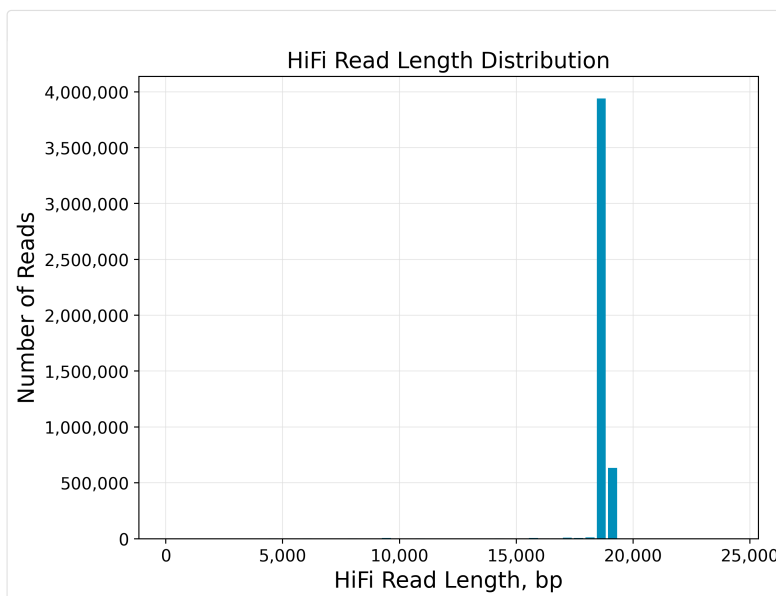
Read Length (bp)	Reads	Reads (%)	Yield (bp)
≥ 0	4,673,096	100	87,347,133,408 Gb
≥ 5,000	4,664,693	100	87,315,018,849 Gb
≥ 10,000	4,629,712	99	87,122,665,598 Gb

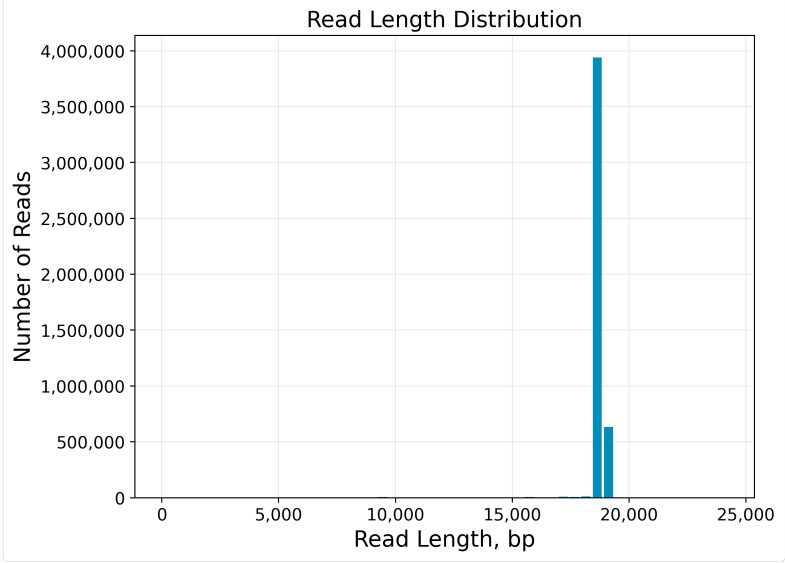
≥ 10,000	4,639,712	99	87,122,000,000 Gb
≥ 15,000	4,620,164	99	86,874,611,357 Gb
≥ 20,000	2,357	0	51,505,960 Gb
≥ 25,000	193	0	5,309,933 Gb
≥ 30,000	30	0	1,027,854 Gb
≥ 35,000	11	0	411,919 Gb
≥ 40,000	0	0	0 Gb

HiFi Read Quality Summary

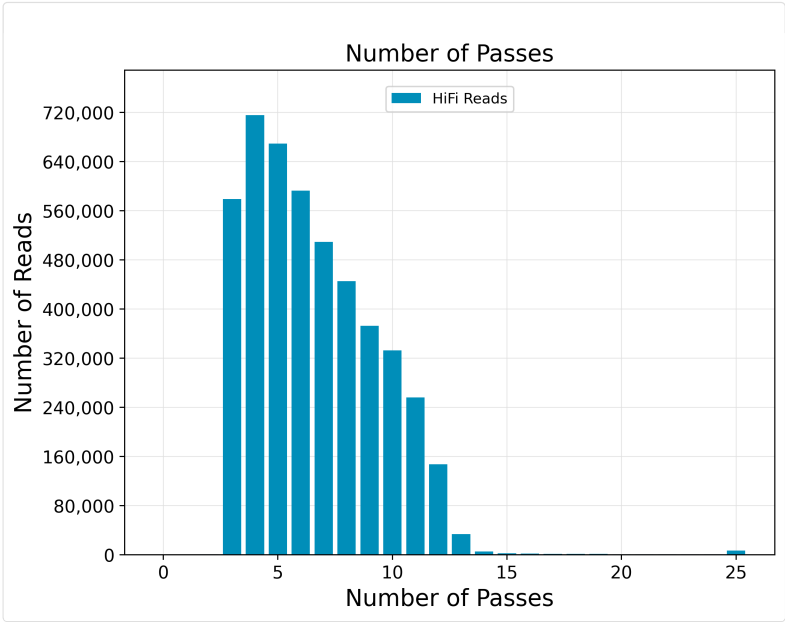
Read Quality (Phred) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (bp) ↓↑
≥ Q20	4,673,096	100	87.35 Gb
≥ Q30	2,239,646	48	41.79 Gb
≥ Q40	363,099	8	6.64 Gb
≥ Q50	5,627	0	0.04 Gb

Read Length Distribution



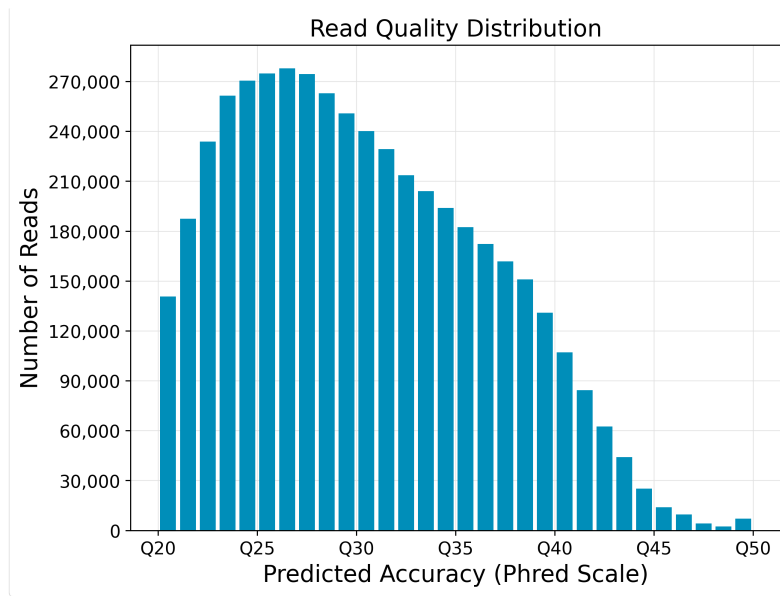


Number of Passes

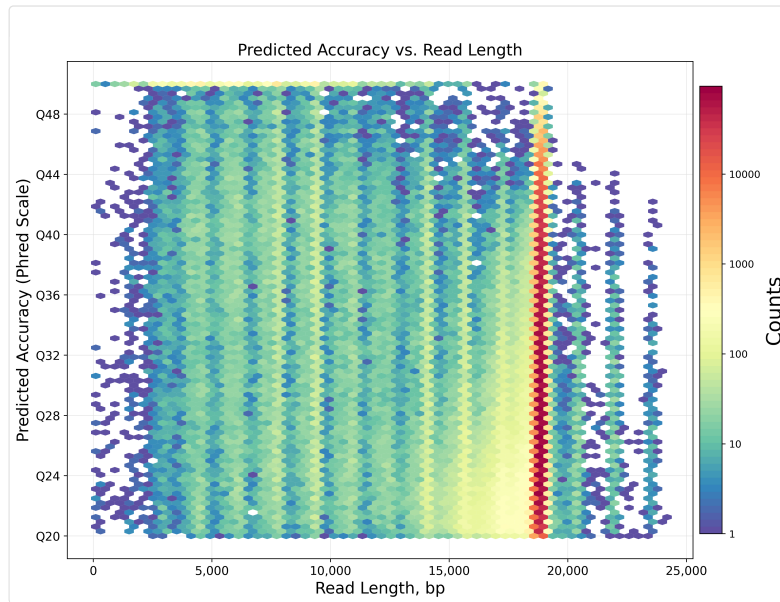


Read Quality Distribution





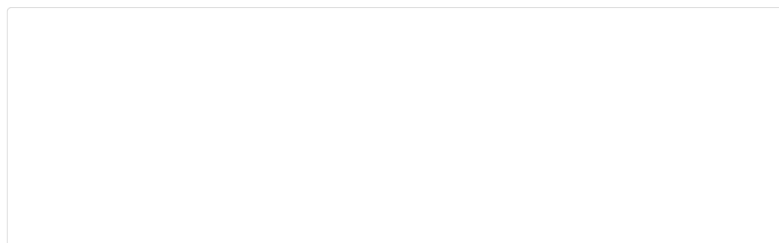
Predicted Accuracy vs. Read Length

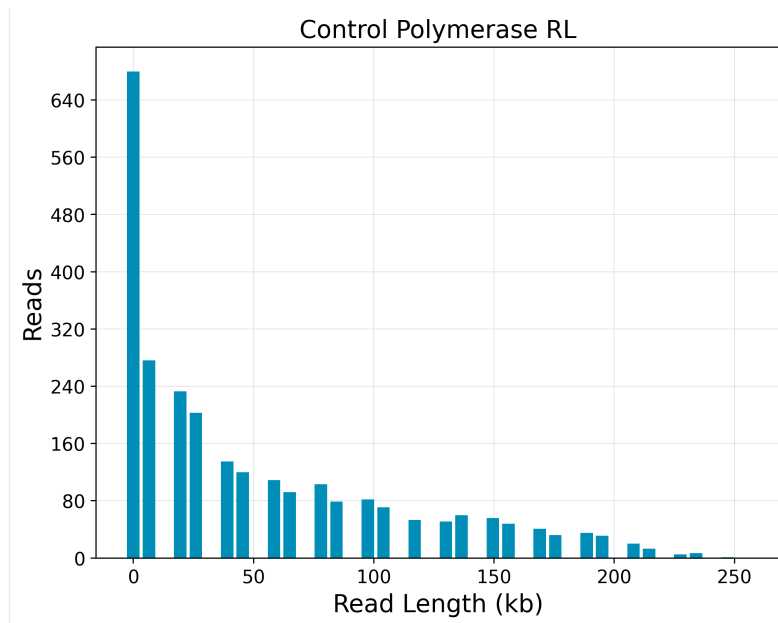


Control Report

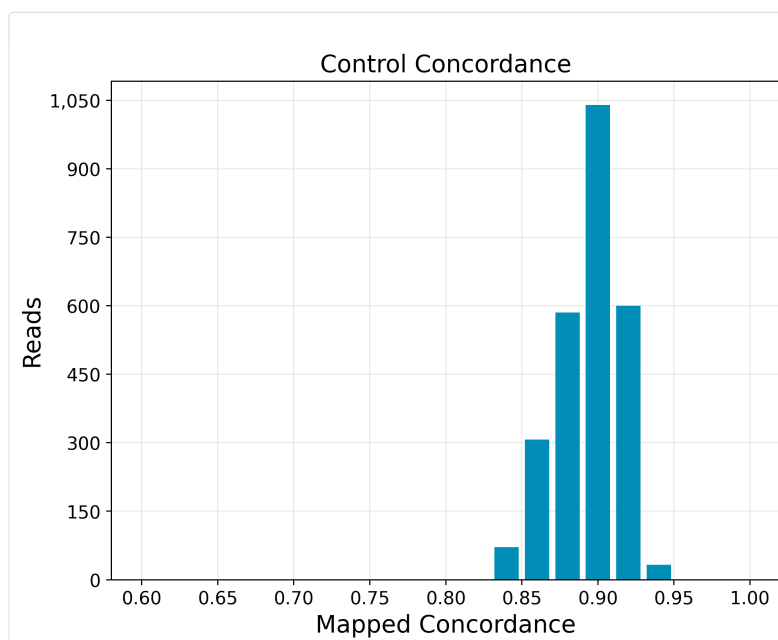
Value	Analysis Metric
2,636	Number of Control Reads
54,424	Control Read Length Mean
0.90	Control Read Concordance Mean
0.91	Control Read Concordance Mode

Control Read Length





Control Read Quality



Barcodes

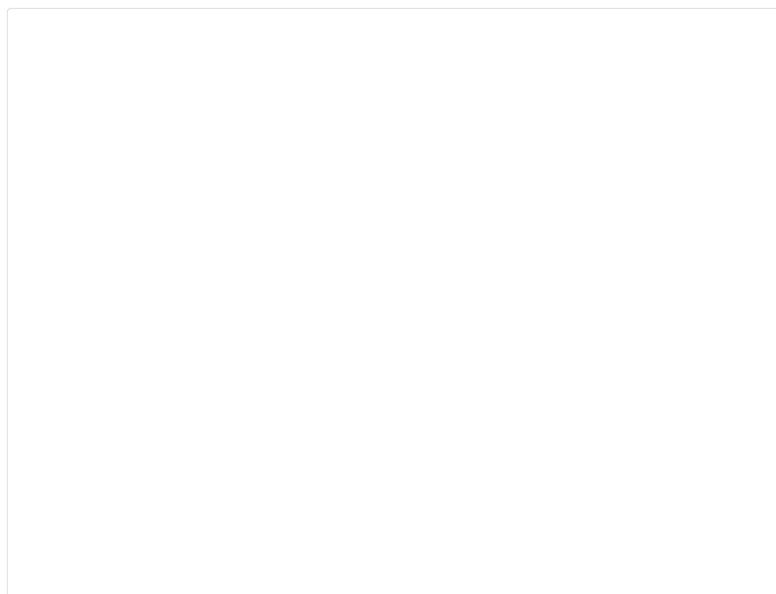
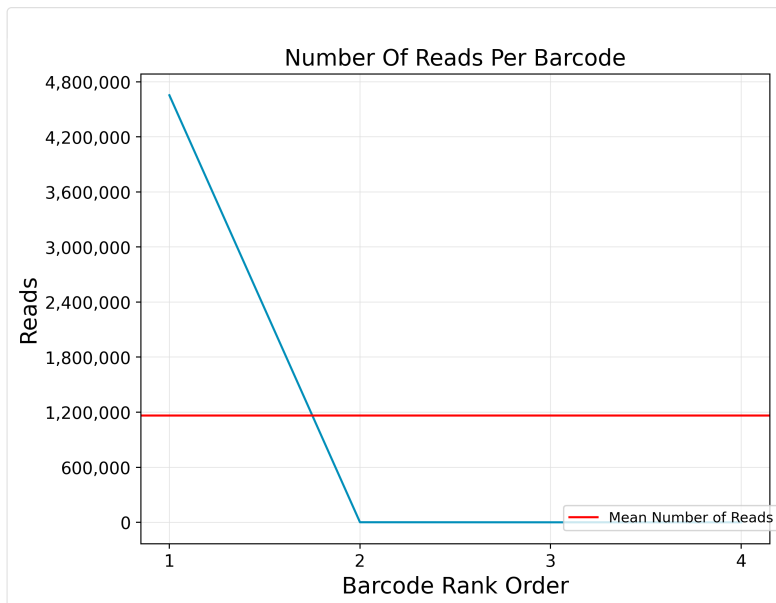
Value	Analysis Metric
4	Unique Barcodes
4,654,835	Barcoded HiFi Reads
18,261	Unbarcoded HiFi Reads
99.60%	Barcoded HiFi Reads (%)
87.04 Gb	Barcoded HiFi Yield (bp)
0.31 Gb	Unbarcoded HiFi Yield (bp)
99.64%	Barcoded HiFi Yield (%)
1,163,708	Mean HiFi Reads per Barcode

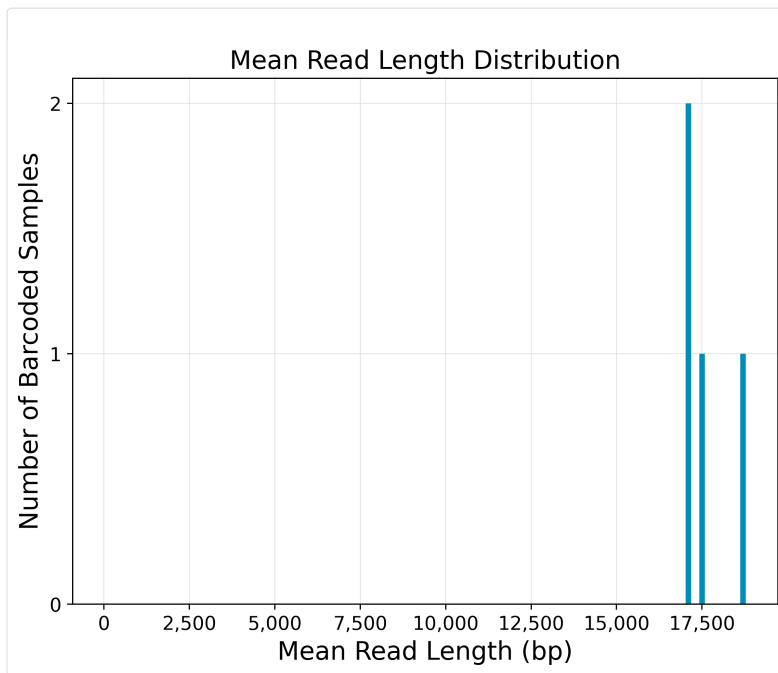
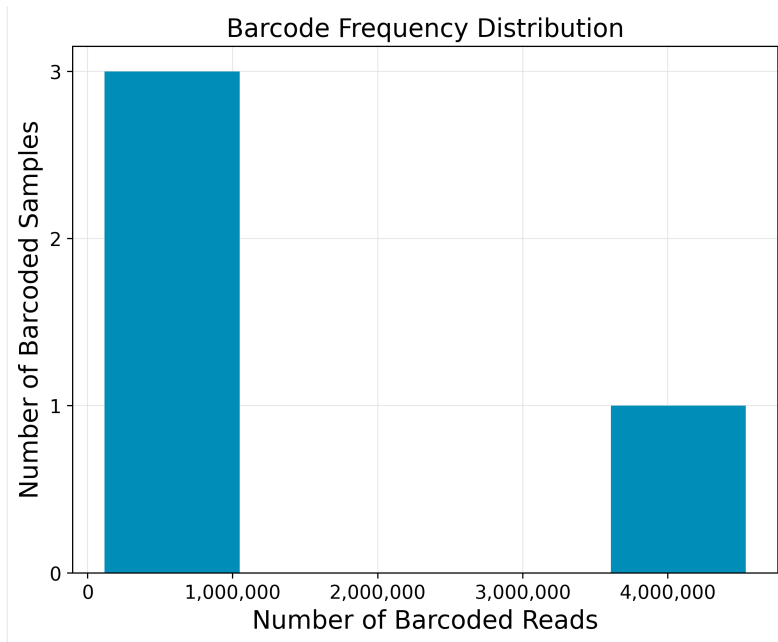
Value	Analysis Metric
4,653,939	Max. HiFi Reads per Barcode
51	Min. HiFi Reads per Barcode
18.70 kb	Barcoded HiFi Read Length (mean, bp)
16.93 kb	Unbarcoded HiFi Read Length (mean, bp)

Barcode Data

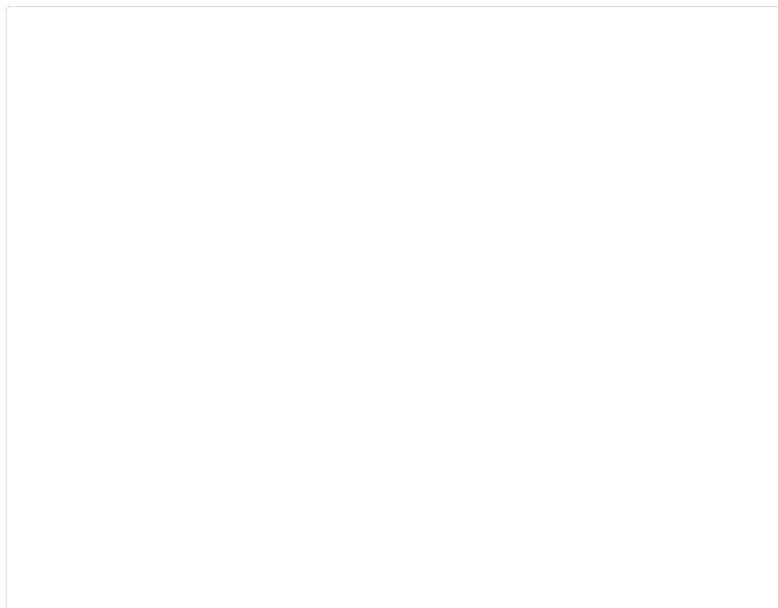
Sample Na... ↑↓	Barcode ↑↓	Barcode Qu... ↑↓	HiFi Reads ↑↓	HiFi Read L... ↑↓
Bio Sample 1	bcM0001--bcM0001	96.3	4,653,939	18,698
Bio Sample 2	bcM0002--bcM00...	52.8	769	17,514
Bio Sample 3	bcM0003--bcM00...	56.8	76	17,175
Bio Sample 4	bcM0004--bcM00...	54.5	51	17,151
No Name	Not Barcoded	0.0	18,261	16,931

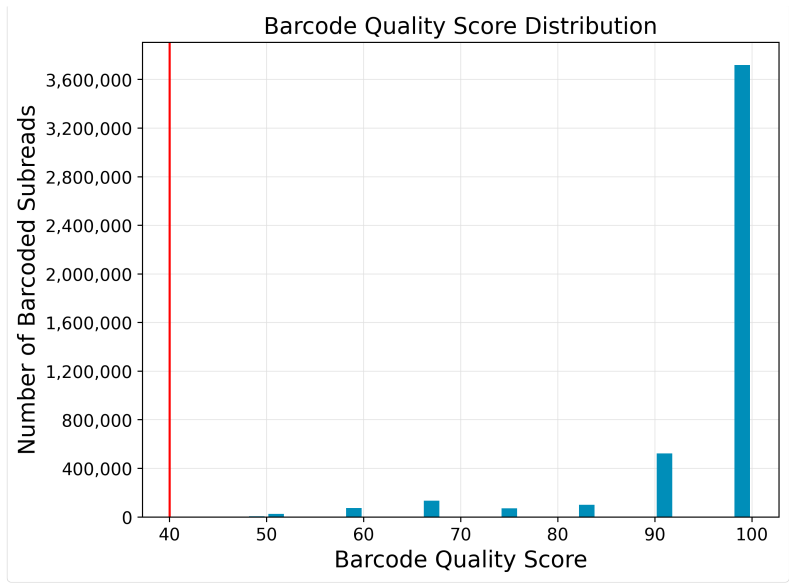
Barcoded Read Statistics



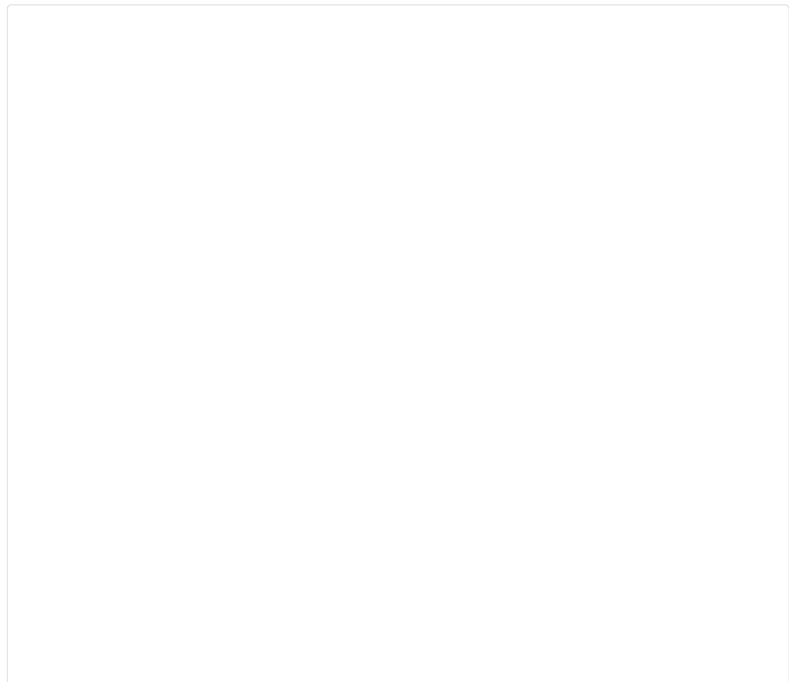
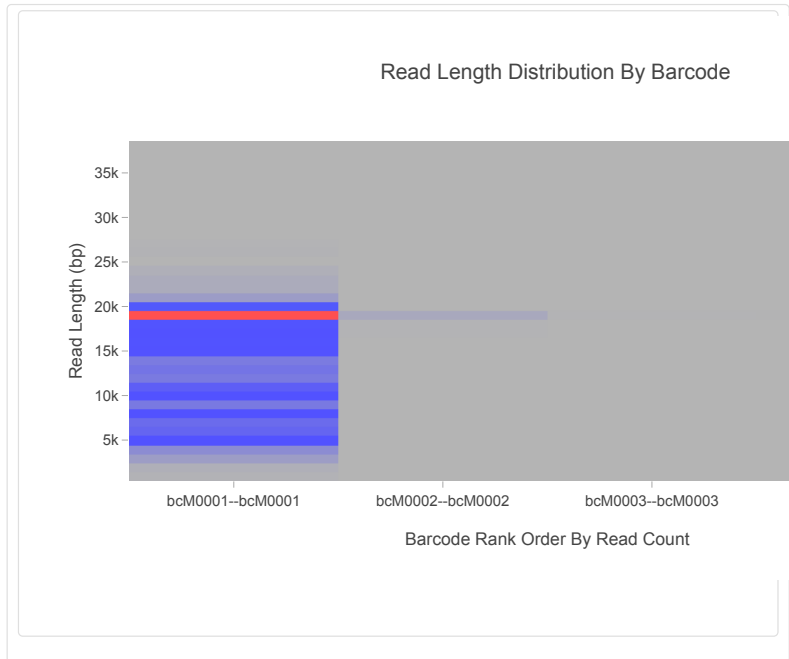


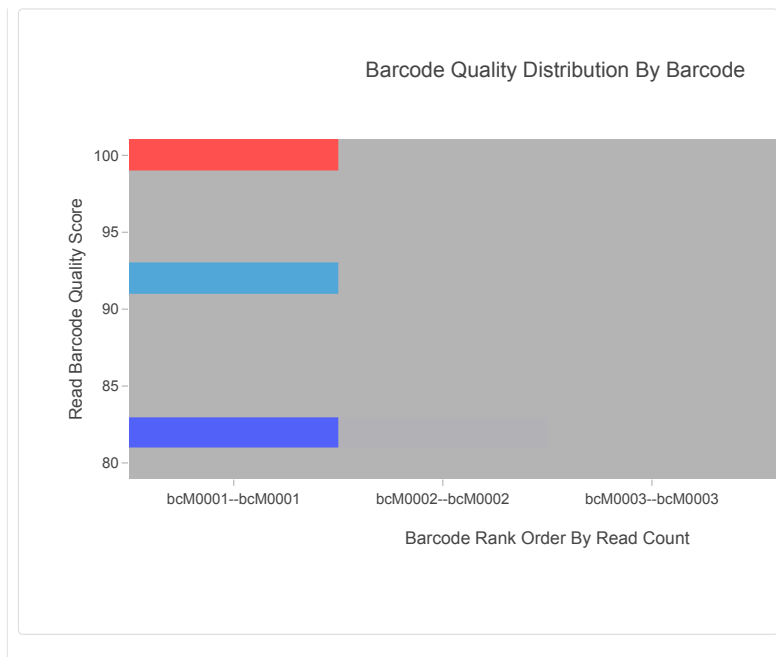
Barcode Quality Scores



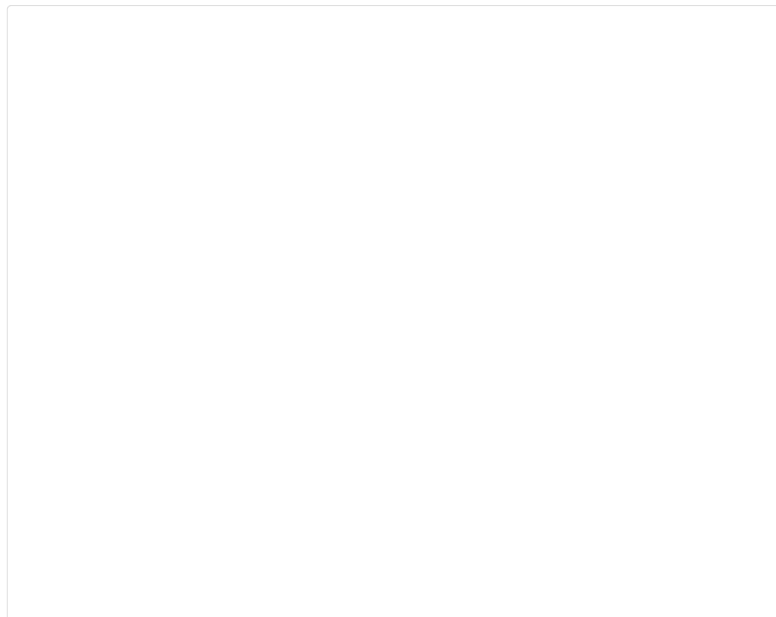
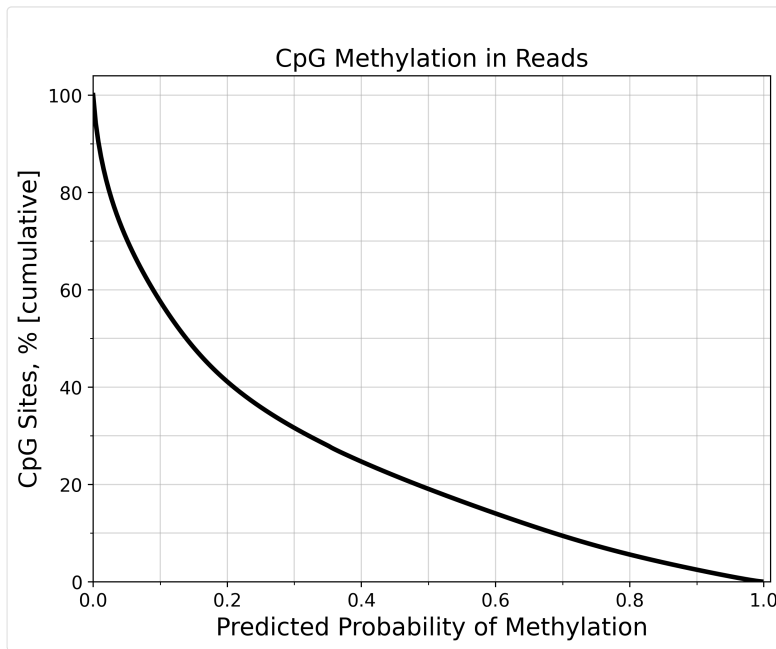


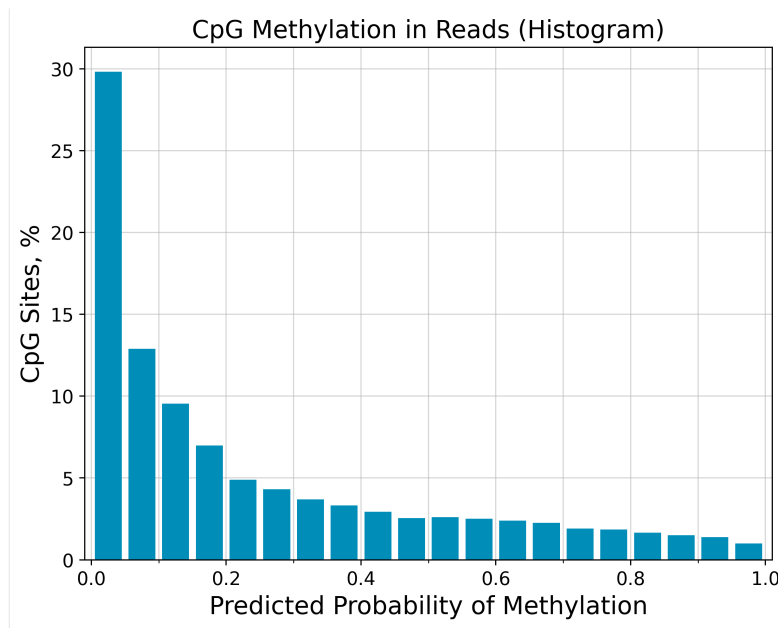
Barcoded Read Binned Histograms





Methylation Probability





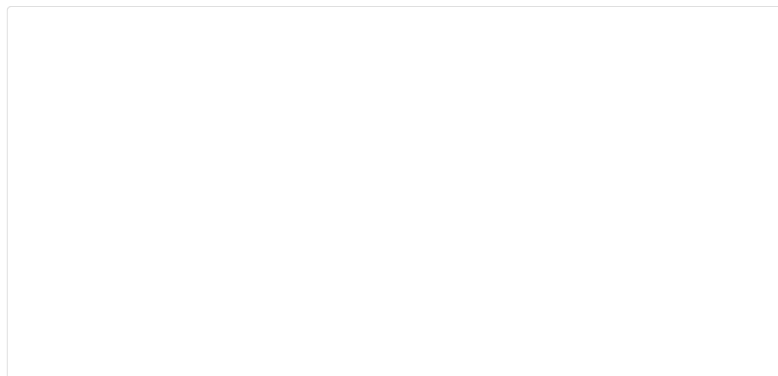
Adapter Report

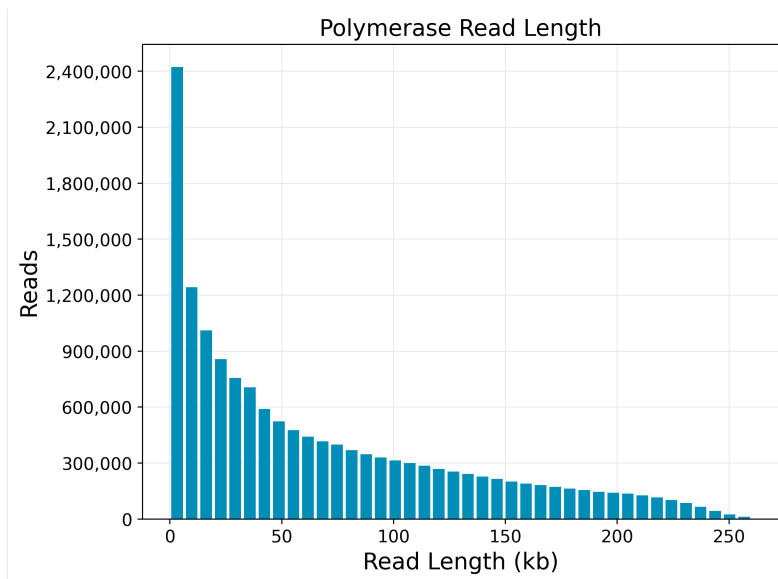
Value	Analysis Metric
0.00 %	Adapter Dimers (0-10bp) %
0.00 %	Short Inserts (11-100bp) %
2.43	Local Base Rate

Raw Data Report

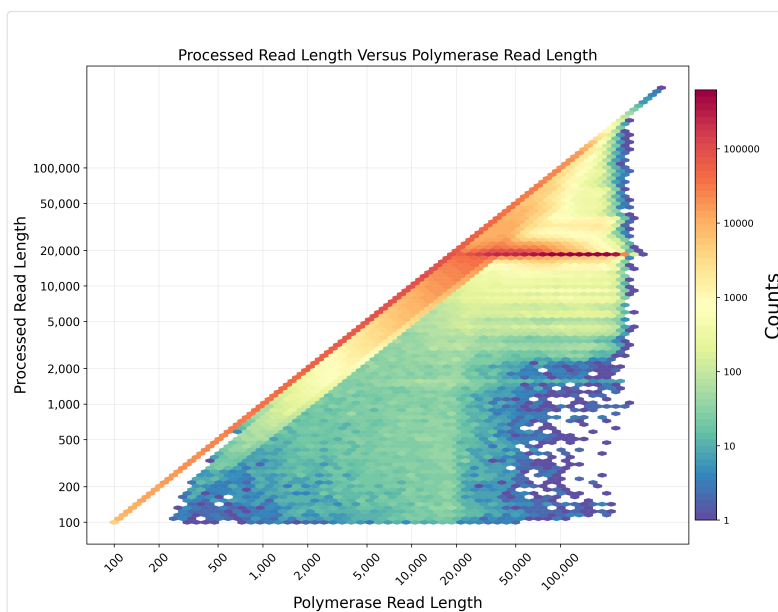
Value	Analysis Metric
983,104,145,913	Polymerase Read Bases
15,064,837	Polymerase Reads
65.26 kb	Polymerase Read Length (mean)
127.25 kb	Polymerase Read N50
18.22 kb	Longest Subread Length (mean)
19.75 kb	Longest Subread N50
258,401,468,416	Unique Molecular Yield

Polymerase Read Length





Longest Subread Length Versus Polymerase Read Length



Base Yield Density

