

Barcodes

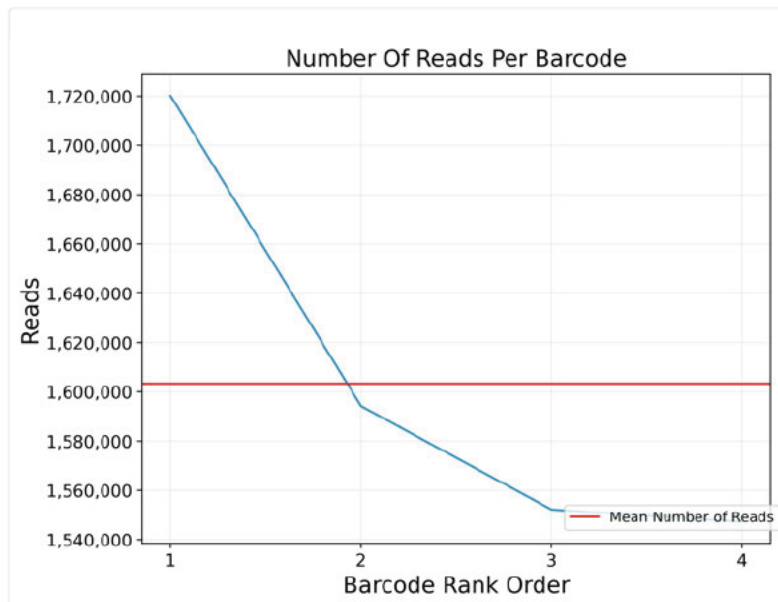
Value	Analysis Metric
4	Unique Barcodes
6,413,671	Barcoded HiFi Reads
41,821	Unbarcoded HiFi Reads
99.35%	Barcoded HiFi Reads (%)

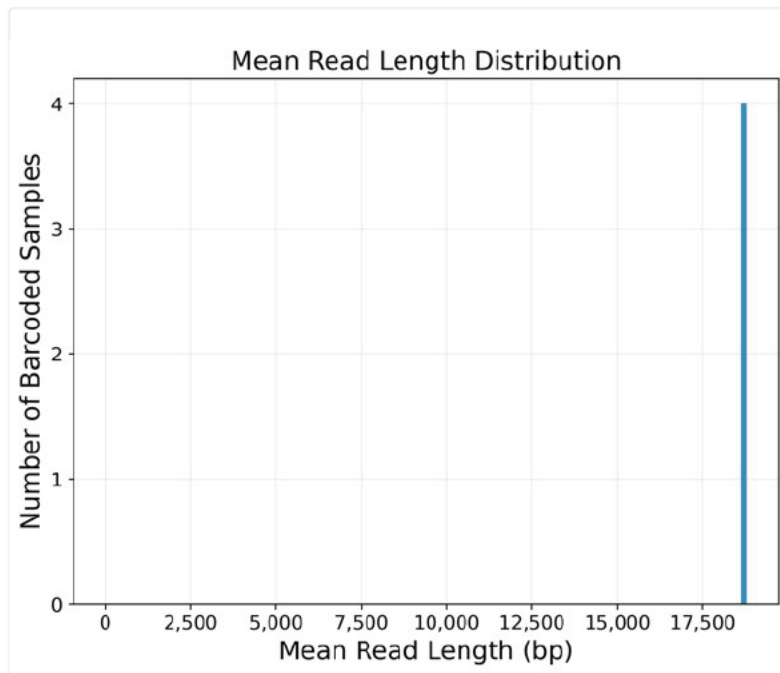
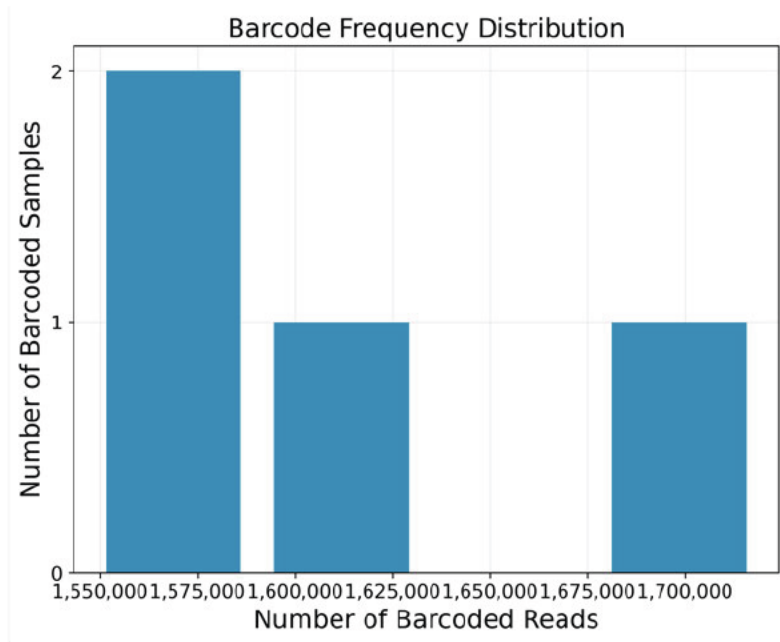
Value	Analysis Metric
120.30 Gb	Barcoded HiFi Yield (bp)
0.72 Gb	Unbarcoded HiFi Yield (bp)
99.40%	Barcoded HiFi Yield (%)
1,603,417	Mean HiFi Reads per Barcode
1,720,099	Max. HiFi Reads per Barcode
1,547,165	Min. HiFi Reads per Barcode
18.76 kb	Barcoded HiFi Read Length (mean, bp)
17.34 kb	Unbarcoded HiFi Read Length (mean, bp)

Barcode Data

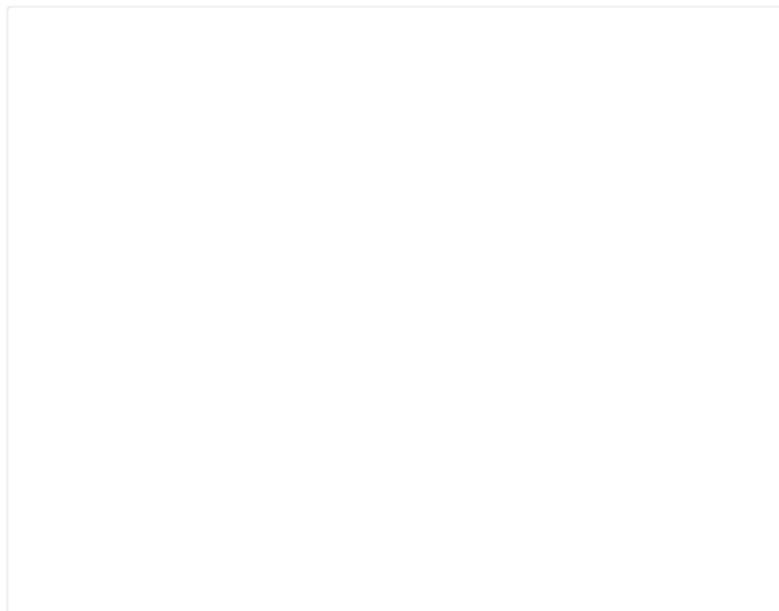
Sample Na...	Barcode	Barcode Qu...	HiFi Reads	HiFi Read L...
Bio Sample 1	bcM0001--bcM0001	96.0	1,720,099	18,760
Bio Sample 2	bcM0002--bcM00...	95.0	1,552,212	18,757
Bio Sample 3	bcM0003--bcM00...	95.4	1,547,165	18,747
Bio Sample 4	bcM0004--bcM00...	95.8	1,594,195	18,761
No Name	Not Barcoded	0.0	41,821	17,335

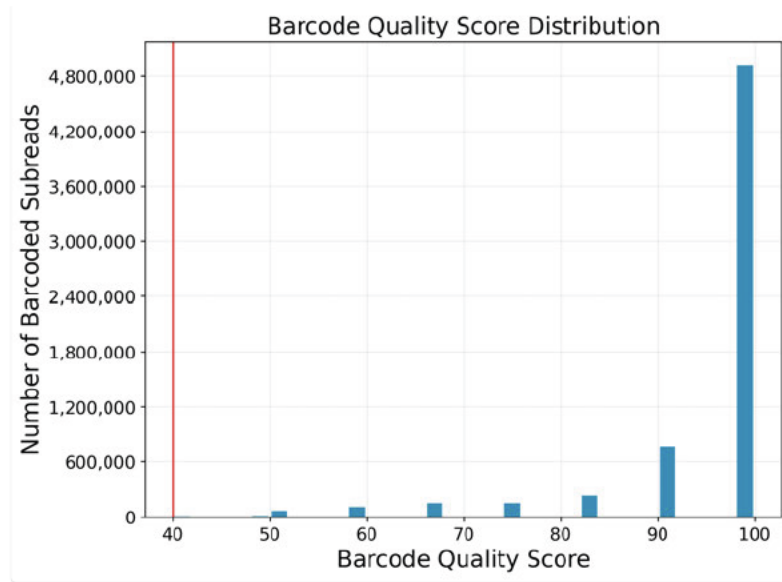
Barcoded Read Statistics



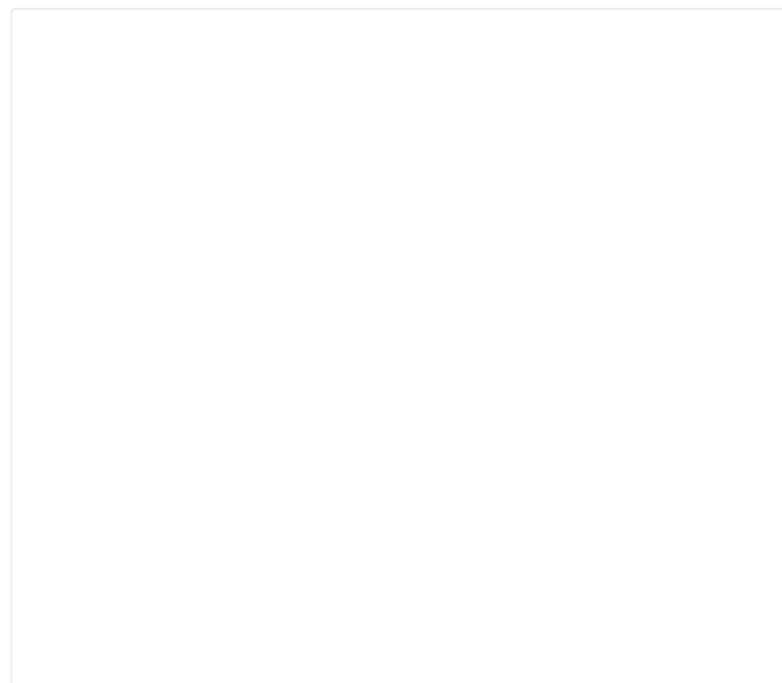
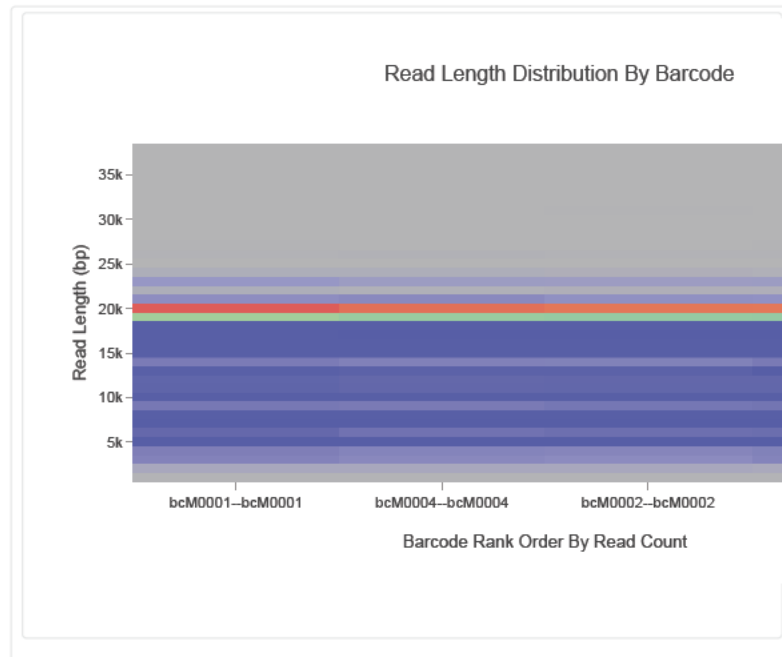


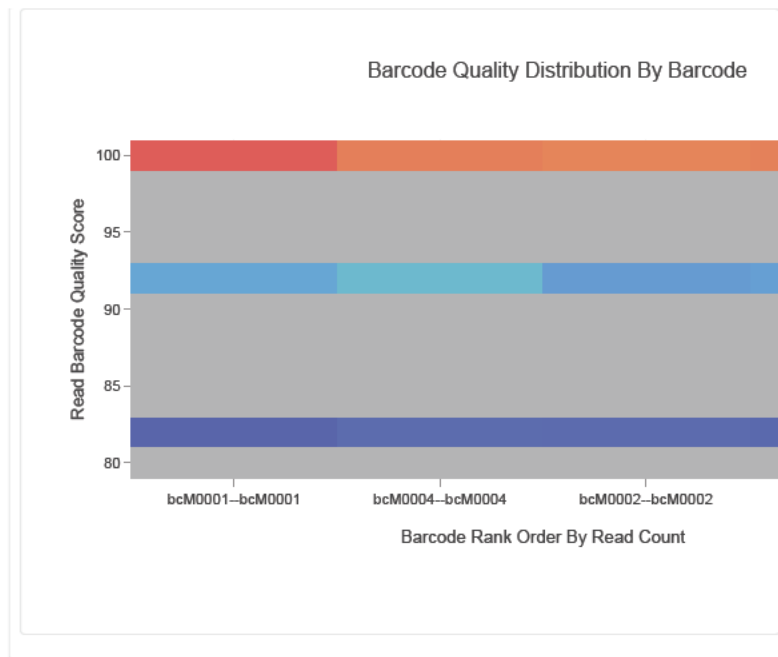
Barcode Quality Scores





Barcoded Read Binned Histograms

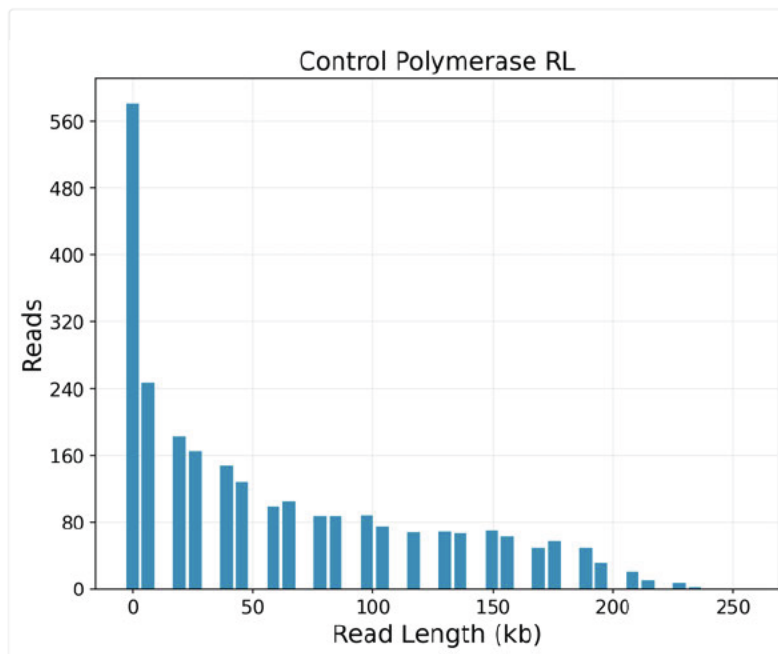




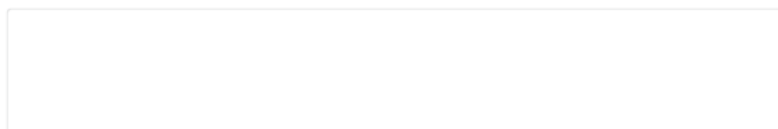
Control Report

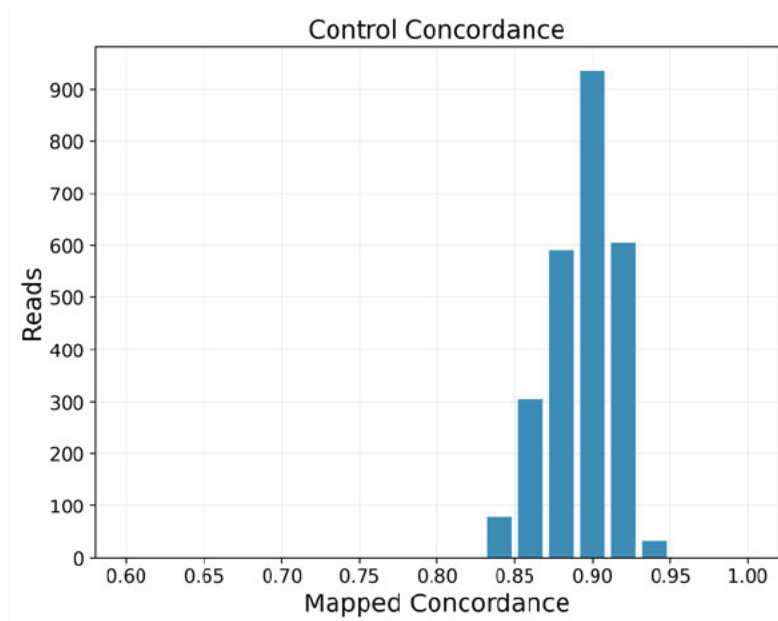
Value	Analysis Metric
2,546	Number of Control Reads
62,101	Control Read Length Mean
0.90	Control Read Concordance Mean
0.91	Control Read Concordance Mode

Control Read Length



Control Read Quality

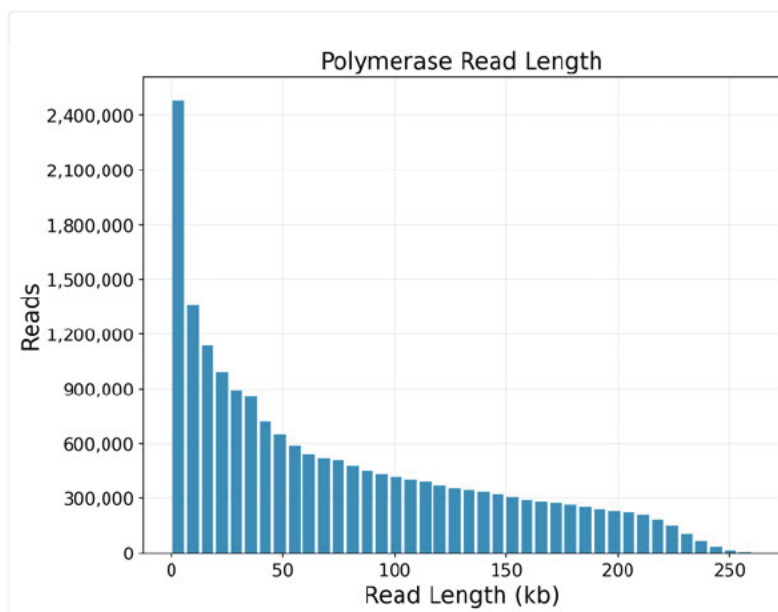




Raw Data Report

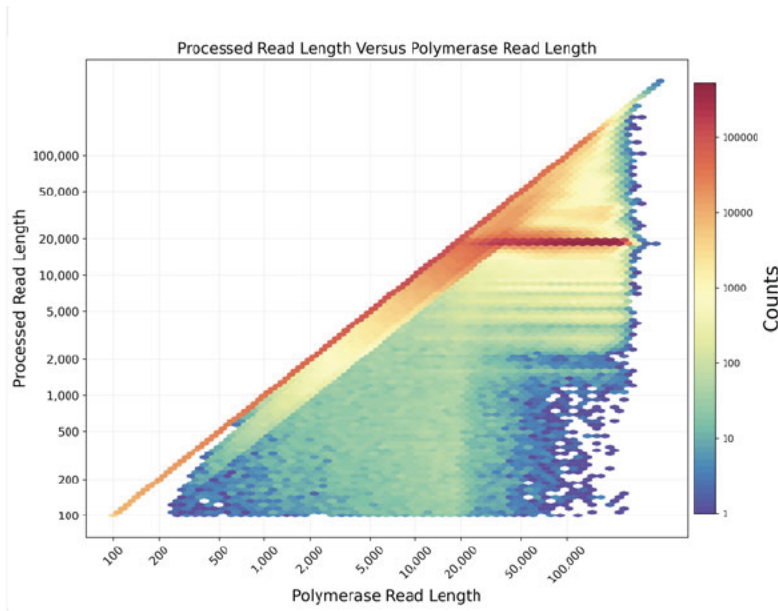
Value	Analysis Metric
1,337,848,133,542	Polymerase Read Bases
18,656,706	Polymerase Reads
71.71 kb	Polymerase Read Length (mean)
134.75 kb	Polymerase Read N50
21.94 kb	Longest Subread Length (mean)
20.25 kb	Longest Subread N50
378,031,374,336	Unique Molecular Yield

Polymerase Read Length

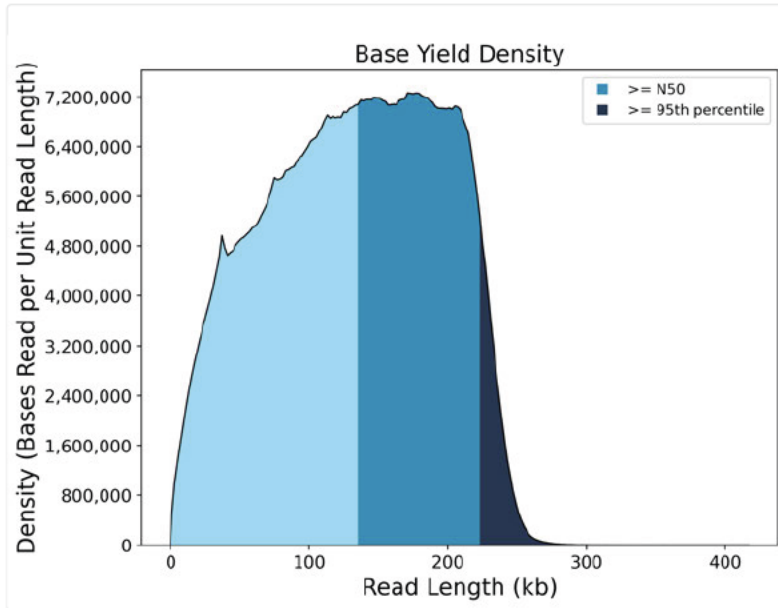


Longest Subread Length Versus Polymerase Read Length





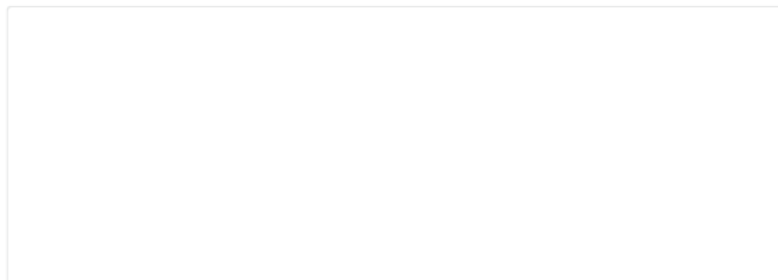
Base Yield Density

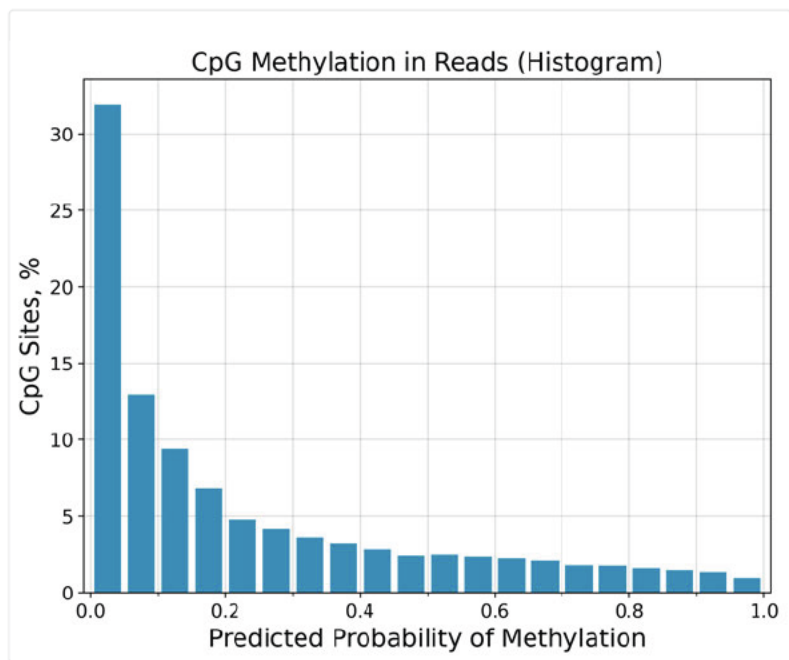
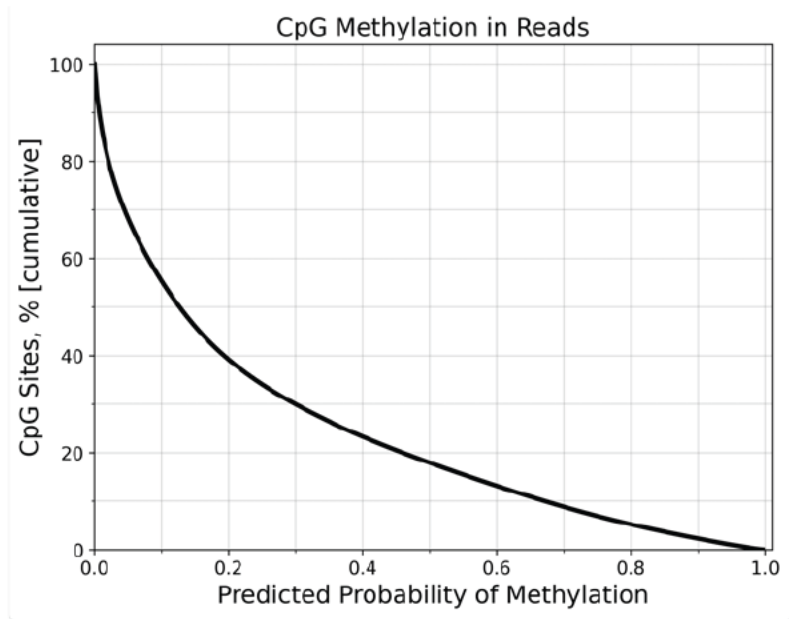


Adapter Report

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

Methylation Probability





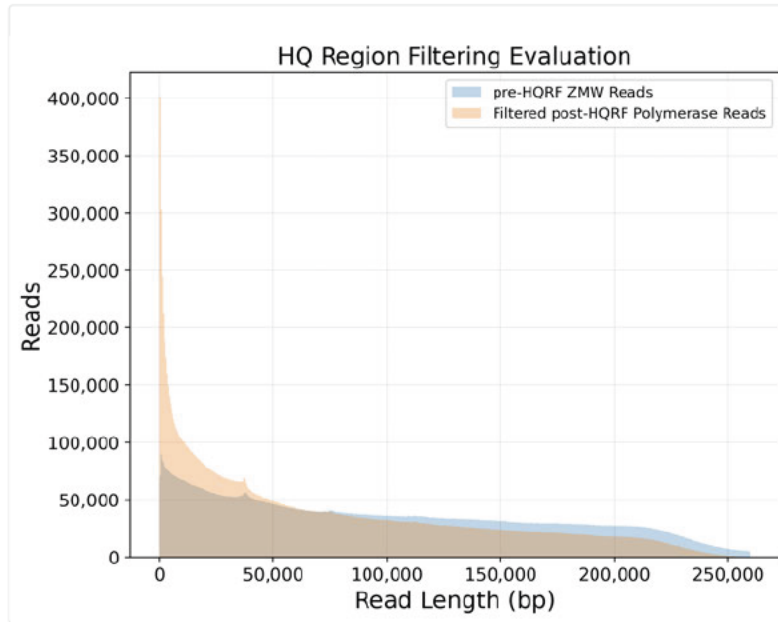
Loading Report

Value	Analysis Metric
25,165,824	Productive ZMWs
6,021,228	Productivity 0
18,659,252	Productivity 1
485,344	Productivity 2

Loading Statistics

Collec... ↓	Total Z... ↓	Produ... ↓	(%) ↓	Produ... ↓	(%) ↓	Produ...
m84036_23...	25,165,824	6,021,228	23.93	18,659,252	74.14	485,344

HQ Region Filtering Evaluation



CCS Analysis Report

Value	Analysis Metric
6.5	HiFi Reads
121.02 Gb	HiFi Yield (bp)
18.75 kb	HiFi Read Length (mean, bp)
18,894	HiFi Read Length (median, bp)
18,895	HiFi Read Length N50 (bp)
Q31	HiFi Read Quality (median)
7	HiFi Number of Passes (mean)

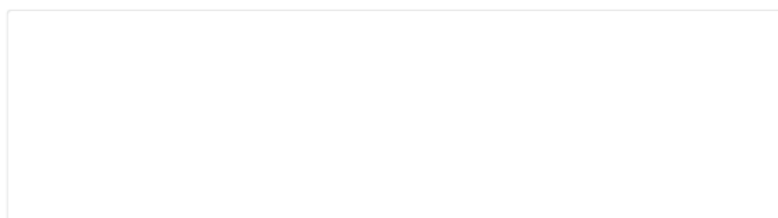
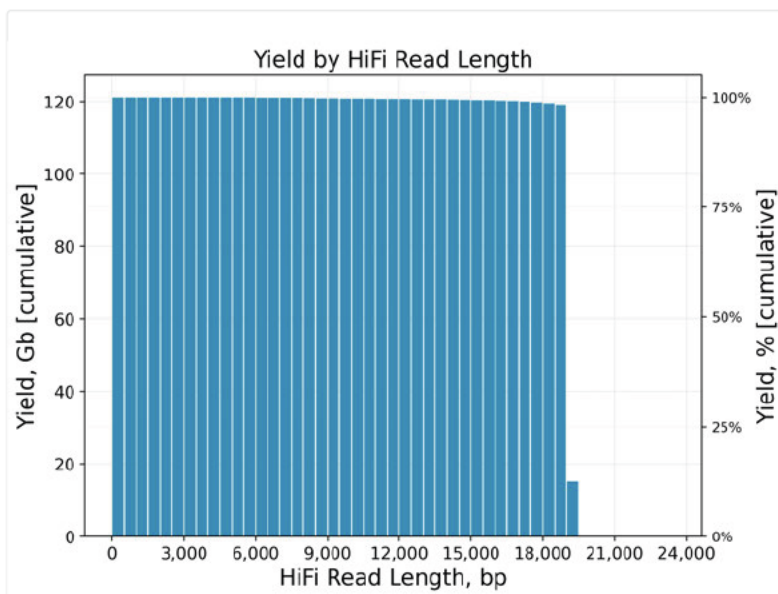
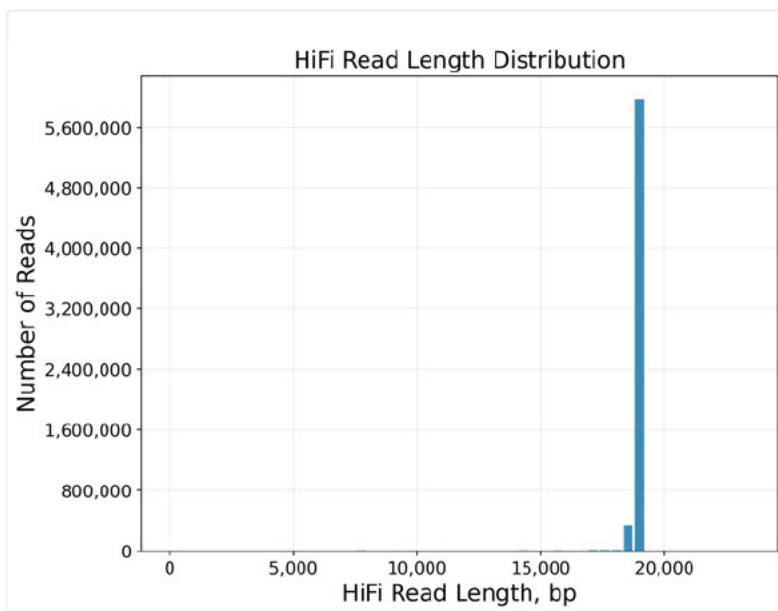
HiFi Read Length Summary

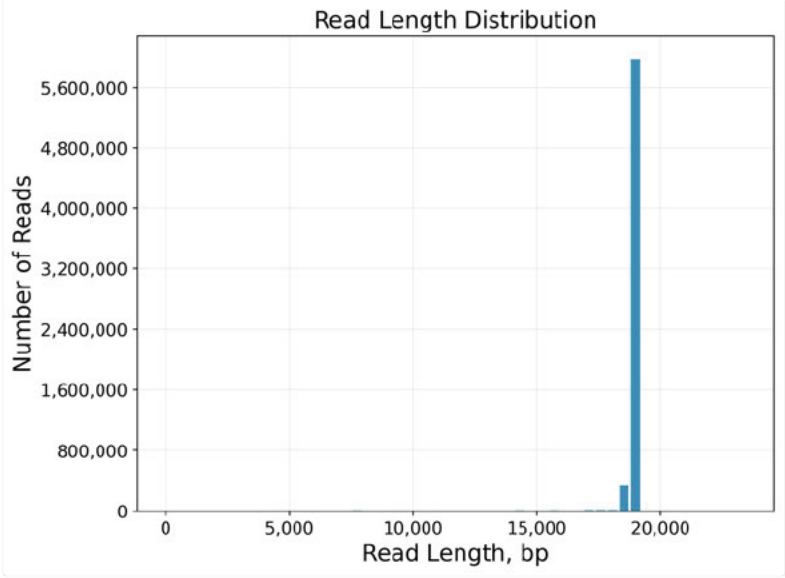
Read Length (bp) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (bp) ↓↑
≥ 0	6,455,492	100	121,024,306,856 Gb
≥ 5,000	6,440,698	100	120,968,345,063 Gb

HiFi Read Quality Summary

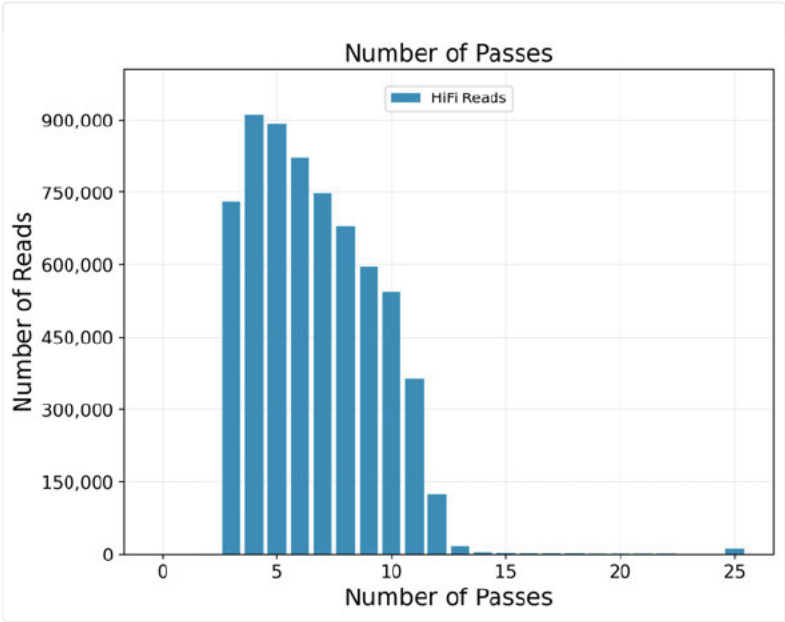
Read Quality (Phred) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (bp) ↓↑
≥ Q20	6,455,492	100	121.02 Gb
≥ Q30	3,448,443	53	64.50 Gb
≥ Q40	529,931	8	9.63 Gb
≥ Q50	12,314	0	0.08 Gb

Read Length Distribution



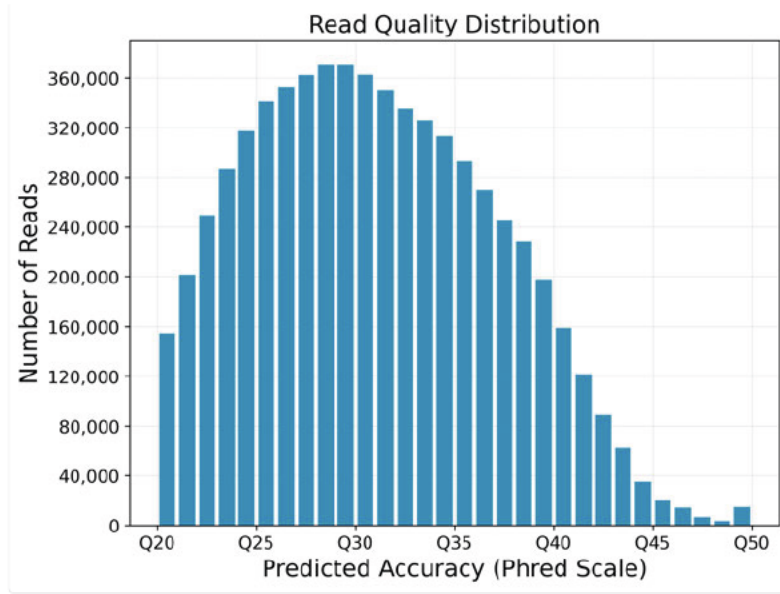


Number of Passes



Read Quality Distribution





Predicted Accuracy vs. Read Length

