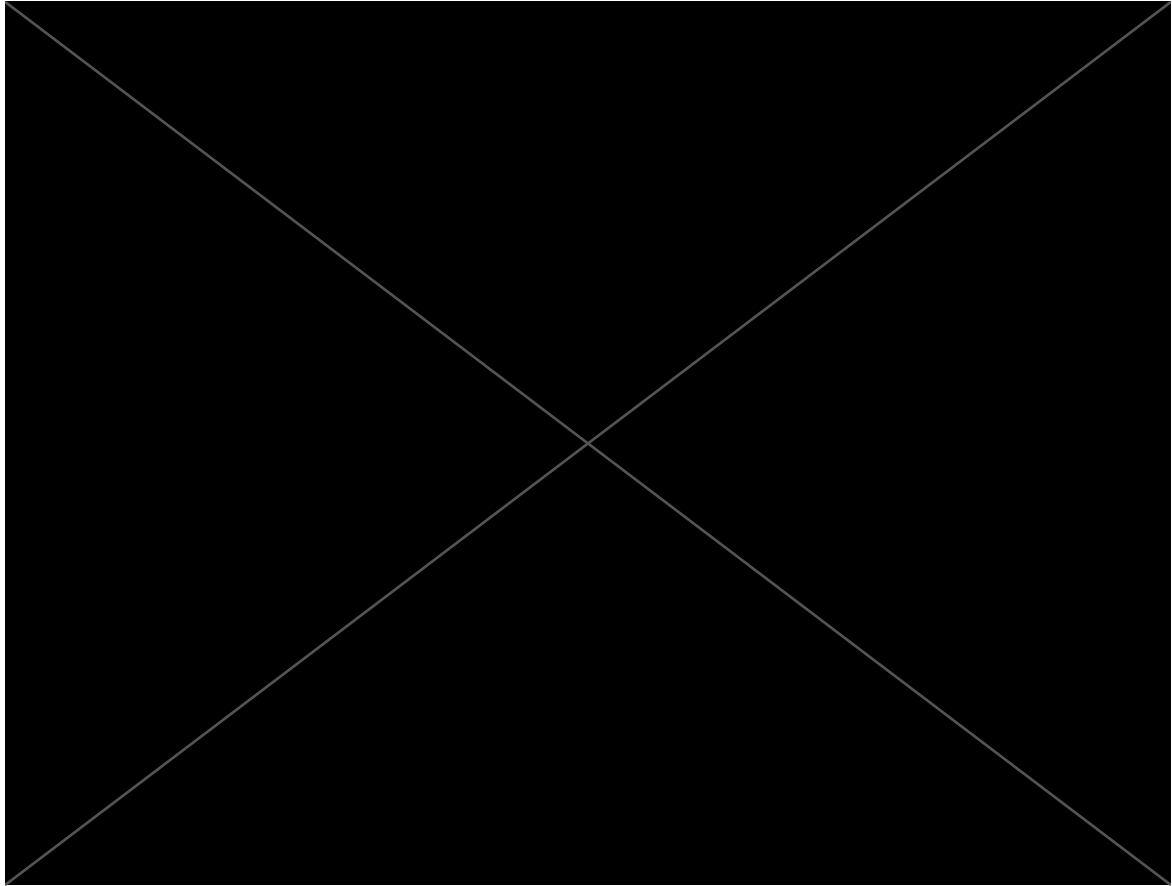


5pPBMCell7 (all samples)

[Copy](#) [Analyze...](#) [Export](#) [Delete](#)

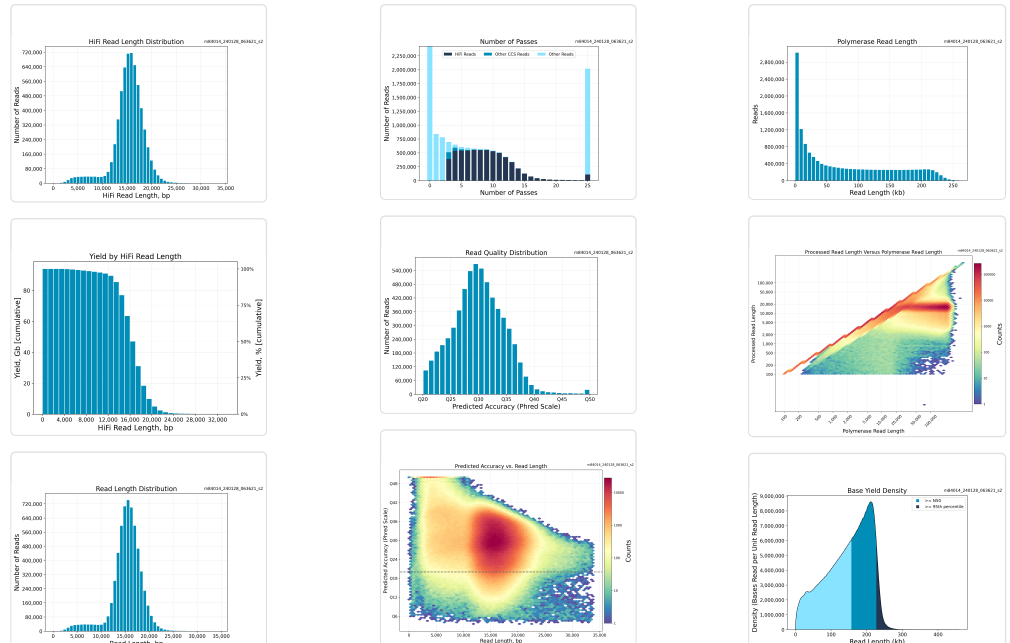
- Dataset Overview
- Status
- Thumbnails
- Display All
- CCS Analysis Report
- 23hr Run Preview
- Raw Data Report
- Adapter Report
- Control Report
- Loading Report
- Barcodes
- 4hr Run Preview
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- Analyses
- Data

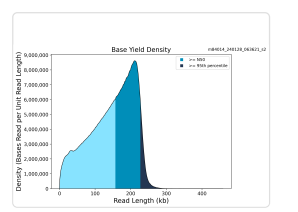
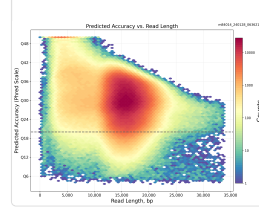
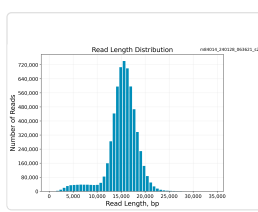
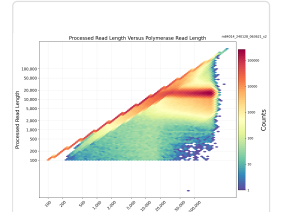
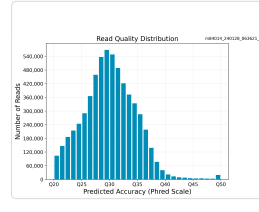
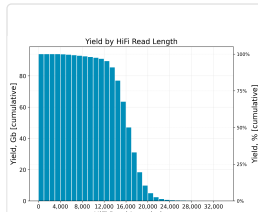
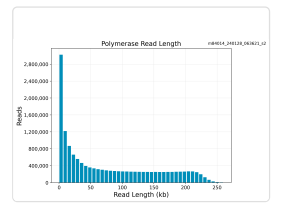
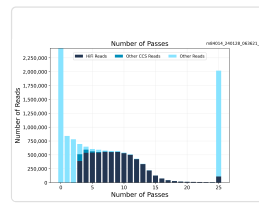
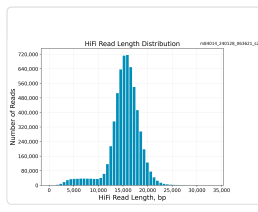
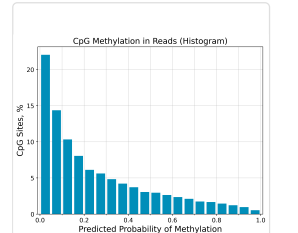
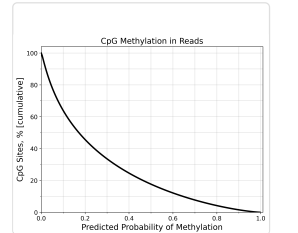
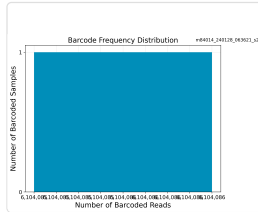
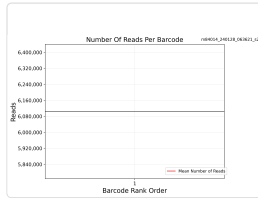
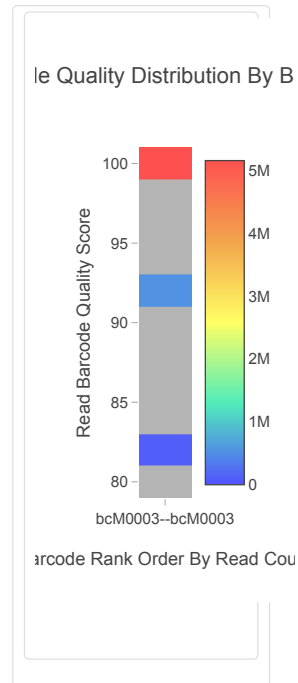
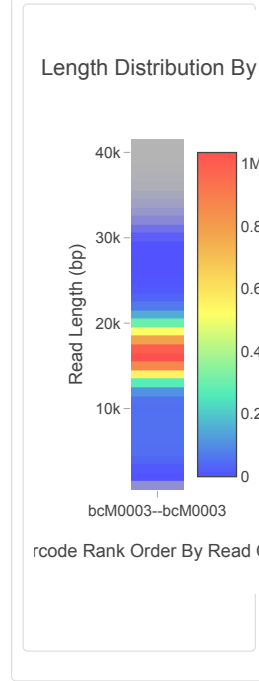
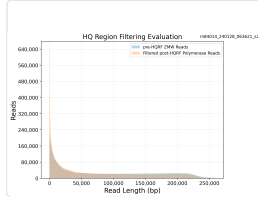
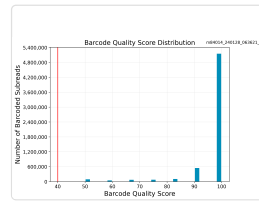
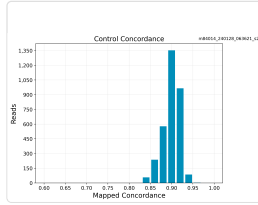
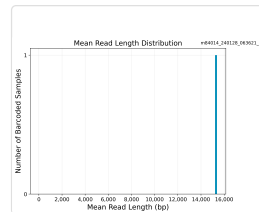
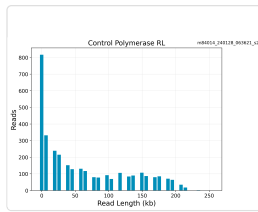


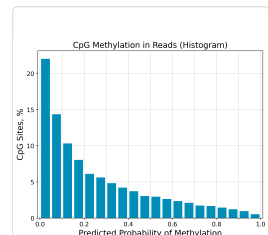
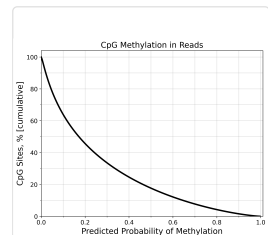
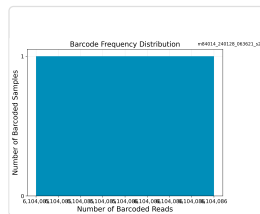
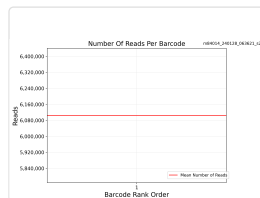
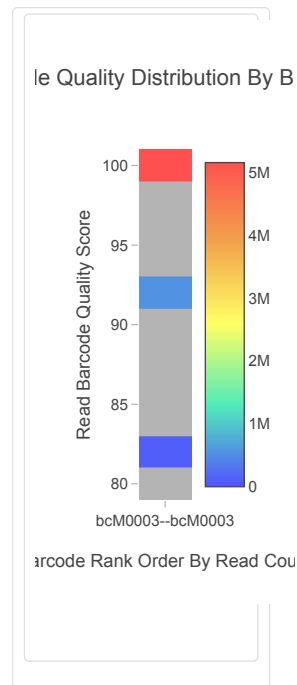
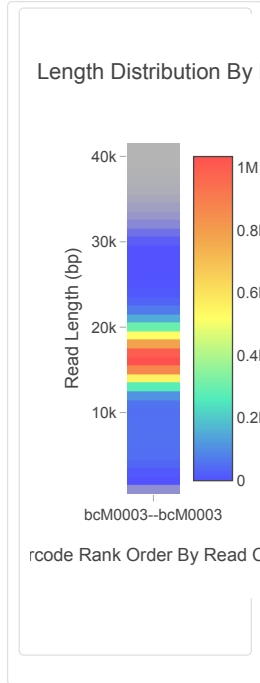
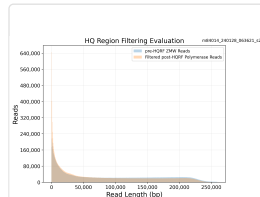
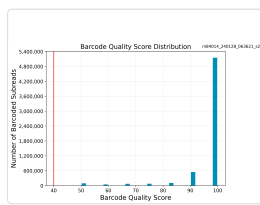
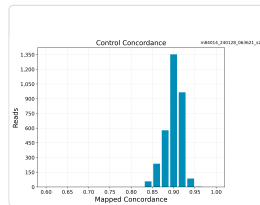
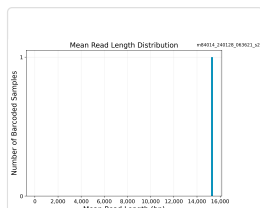
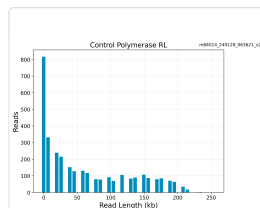
Movie Name m84014_240128_063621_s2

Analysis Parameters

Thumbnails







CCS Analysis Report

Value	Analysis Metric
6.1 M	HiFi reads
93.74 Gb	HiFi reads yield
15.31 kb	HiFi reads length (mean)
15,589	HiFi reads length (median, bp)
15,990	HiFi Read Length N50 (bp)
Q30	HiFi Read Quality (median)
93.94%	Base Quality \geq Q30 (%)
9	HiFi Number of Passes (mean)

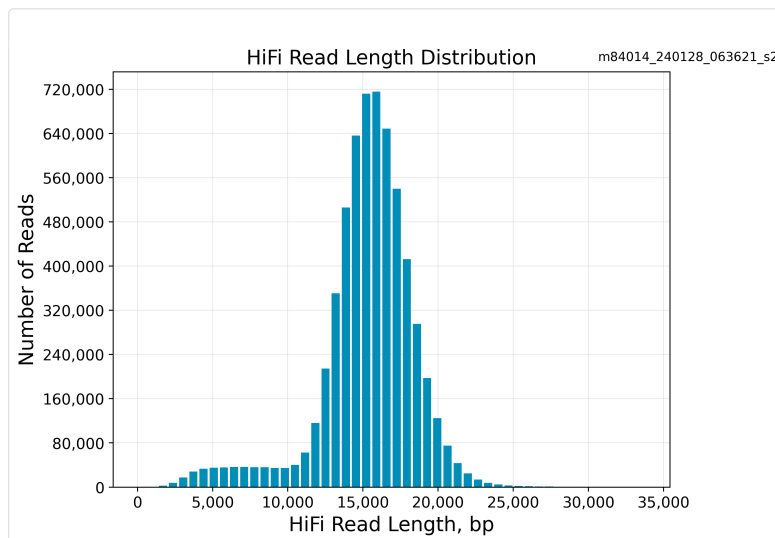
HiFi Read Length Summary

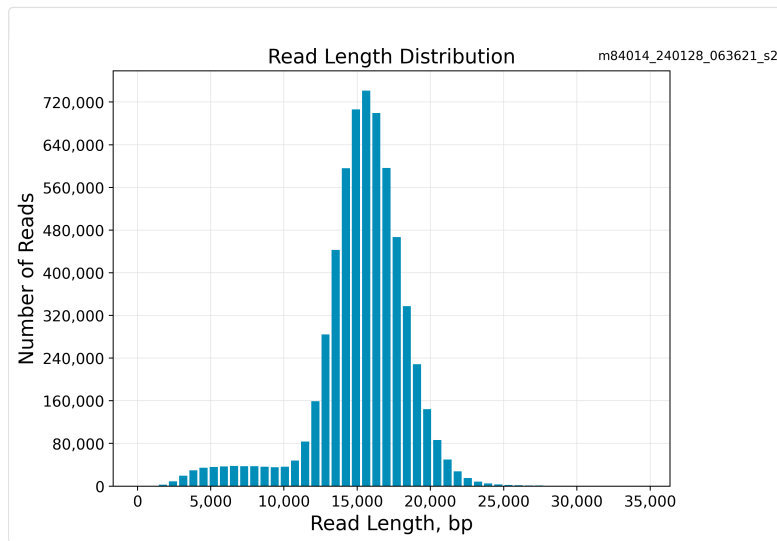
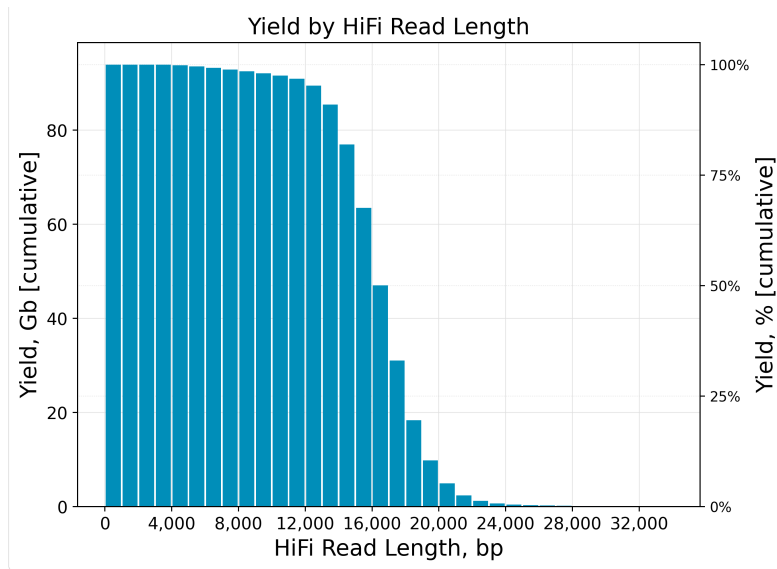
Read Length (kb) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑	Yield
≥ 0	6,123,277	100	93,740,120,844 Gb	100
≥ 5,000	6,019,279	98	93,343,307,812 Gb	100
≥ 10,000	5,755,350	94	91,368,643,773 Gb	97
≥ 15,000	3,684,906	60	63,168,273,502 Gb	67
≥ 20,000	225,510	4	4,832,742,695 Gb	5
≥ 25,000	10,191	0	281,760,079 Gb	0
≥ 30,000	1,610	0	51,384,779 Gb	0
≥ 35,000	96	0	3,482,383 Gb	0
≥ 40,000	1	0	40,400 Gb	0

HiFi Read Quality Summary

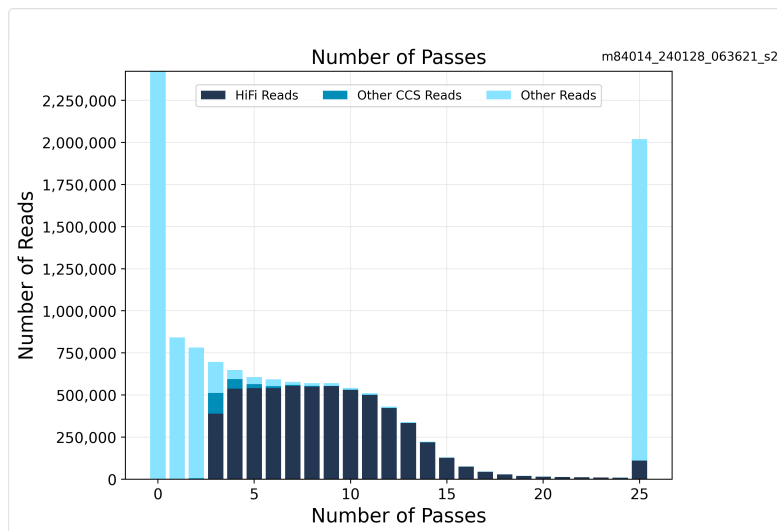
Read Quality (Phred) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑	Yield
≥ Q20	6,123,277	100	93.74 Gb	100
≥ Q30	3,014,522	49	45.23 Gb	48
≥ Q40	92,201	2	0.62 Gb	1
≥ Q50	16,701	0	0.07 Gb	0

Read Length Distribution

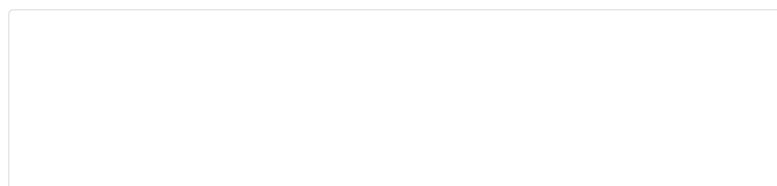


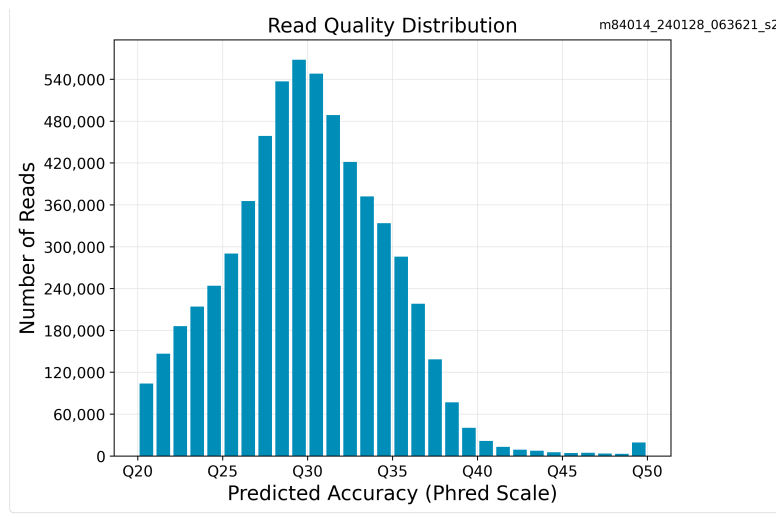


Number of Passes

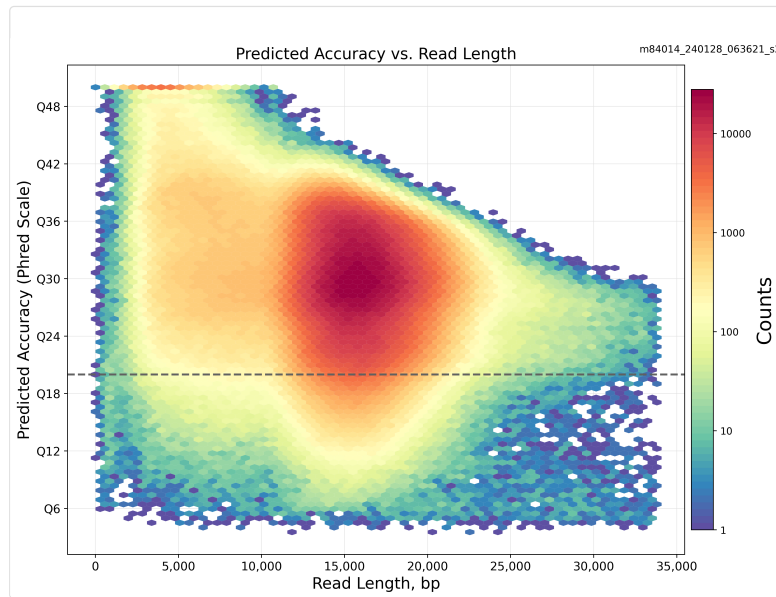


Read Quality Distribution





Predicted Accuracy vs. Read Length



23hr Run Preview

Value	Analysis Metric
88515887406	Estimated HiFi yield
30	HiFi read quality, median
15190	HiFi read length, mean
undefined	P1%
23	Time (Hrs)
Full	Workflow
m84014_240128_063621_s2_full_preview_23hr	Id
m84014_240128_063621_s2	Movie Id

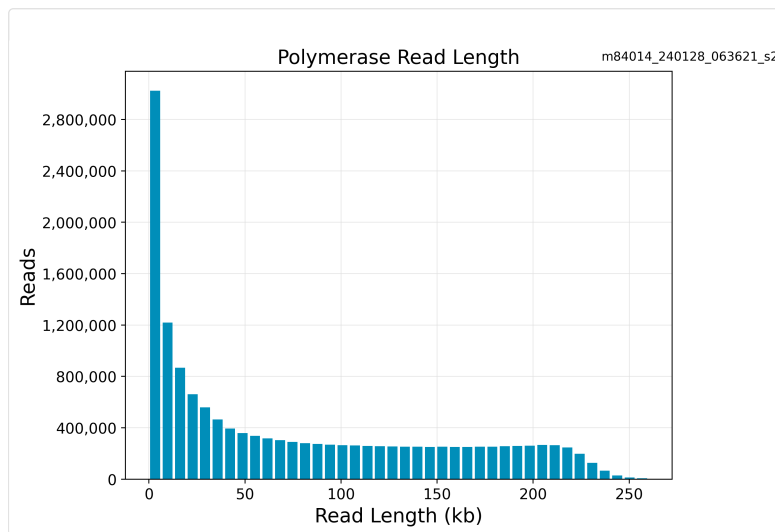
Barcode preview

Barcode ↕	HiFi reads ↕	HiFi read length (mean)
bcM0003--bcM0003	99.2%	15184
Not Barcoded	0.8%	14444

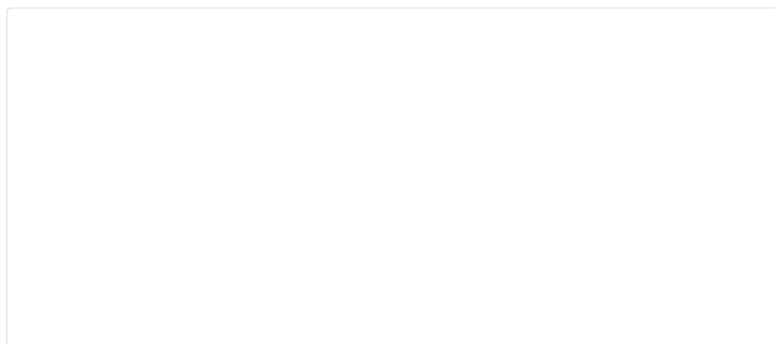
Raw Data Report

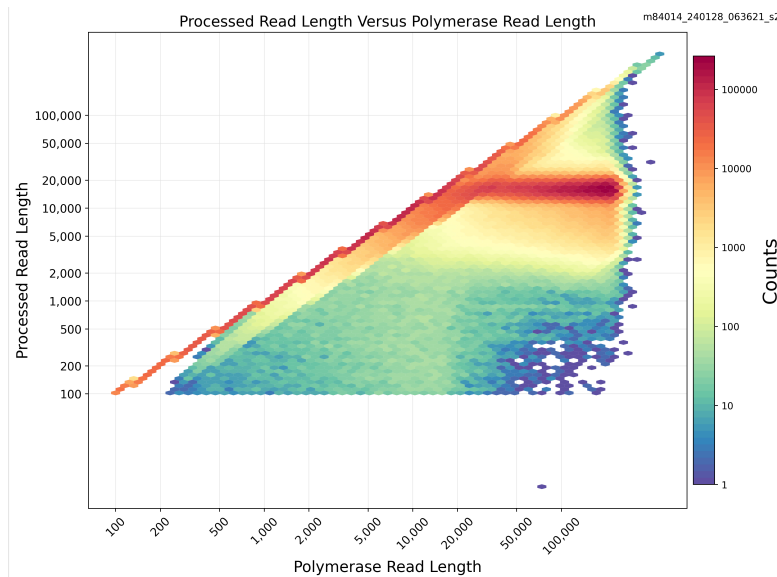
Value	Analysis Metric
1,115,747,240,171	Polymerase Read Bases
14,927,363	Polymerase Reads
74.75 kb	Polymerase Read Length (mean)
158.25 kb	Polymerase read length (N50)
15.06 kb	Polymerase read length longest subread length (mean)
17.75 kb	Polymerase read length longest subread length (N50)
211,907,264,512	Unique Molecular Yield

Polymerase Read Length

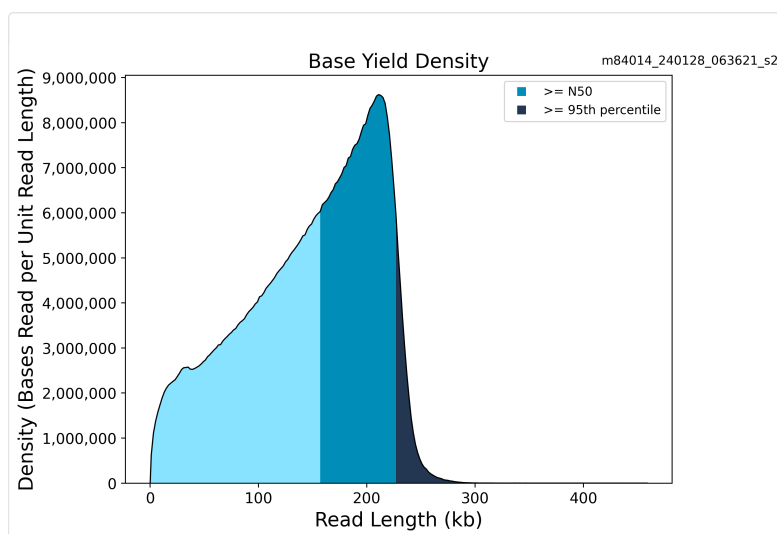


Longest Subread Length Versus Polymerase Read Length





Base Yield Density



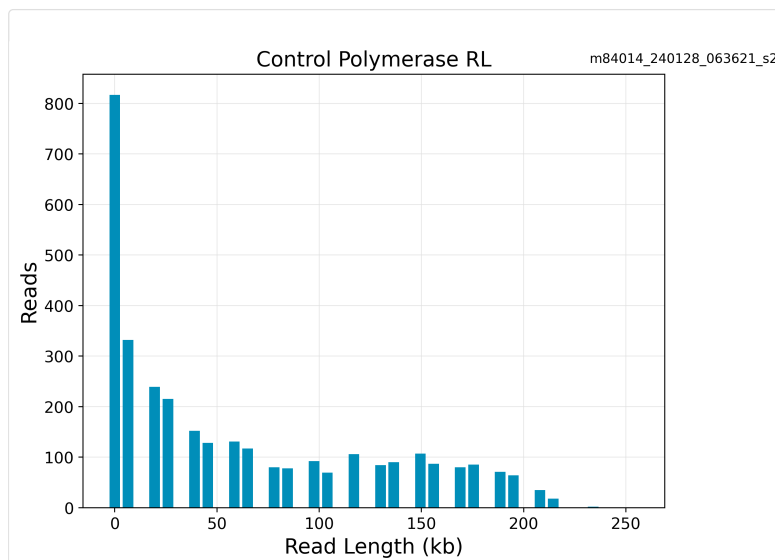
Adapter Report

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

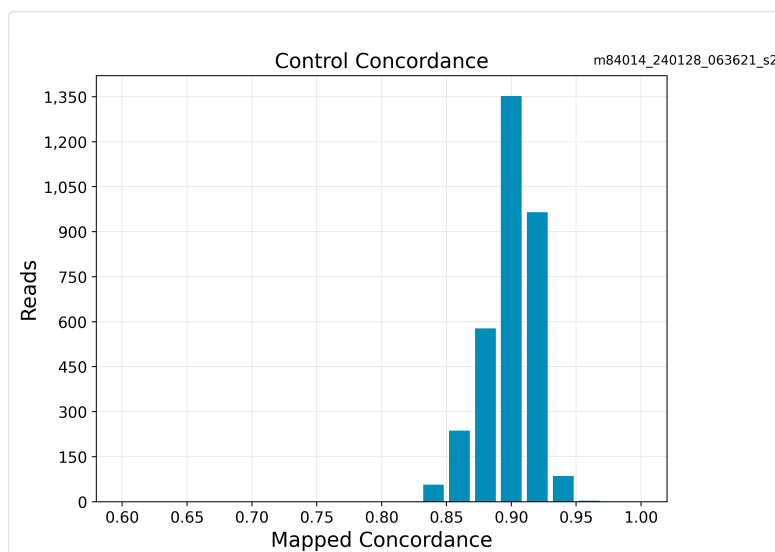
Control Report

Value	Analysis Metric
3,279	Number of Control Reads
63,365	Control Read Length Mean
0.91	Control Read Concordance Mean
0.91	Control Read Concordance Mode

Control Read Length



Control Read Quality



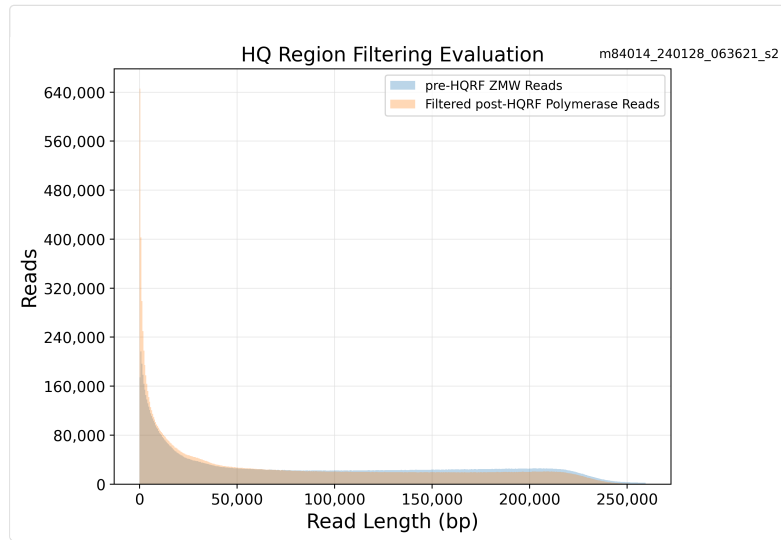
Loading Report

Value	Analysis Metric
25,165,824	Productive ZMWs
10,065,580	Productivity 0
14,930,642	Productivity 1
169,602	Productivity 2

Loading Statistics

Collectio...	Total ZM...	Producti...	P0 (%)	Producti...	P1 (%)	Producti...	P2 (%)
m84014_...	25,165,824	10,065,580	40.00	14,930,642	59.33	169,602	0.67

HQ Region Filtering Evaluation



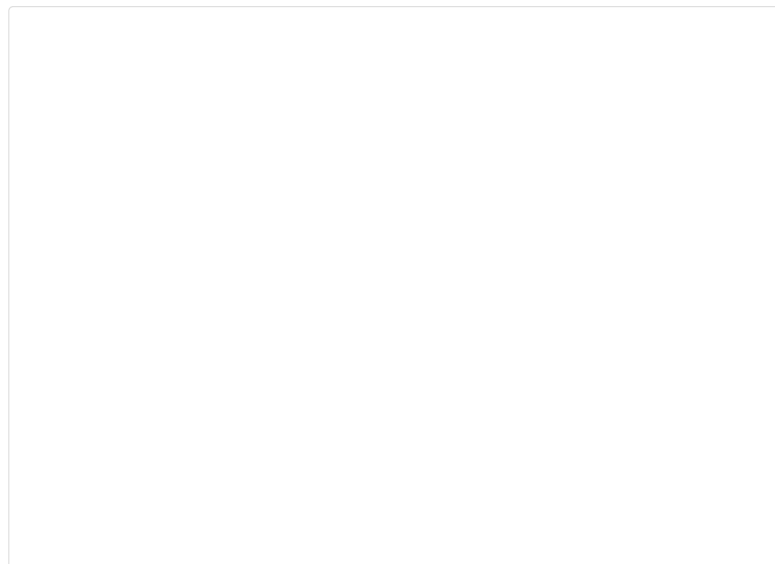
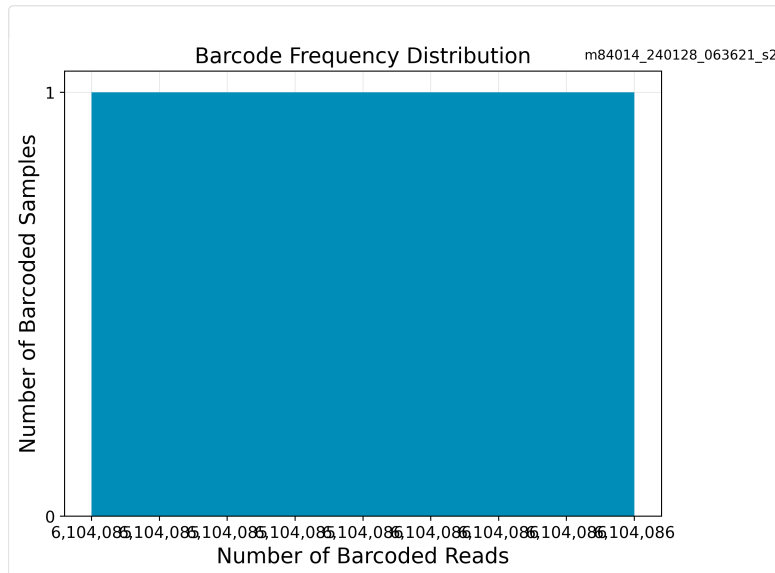
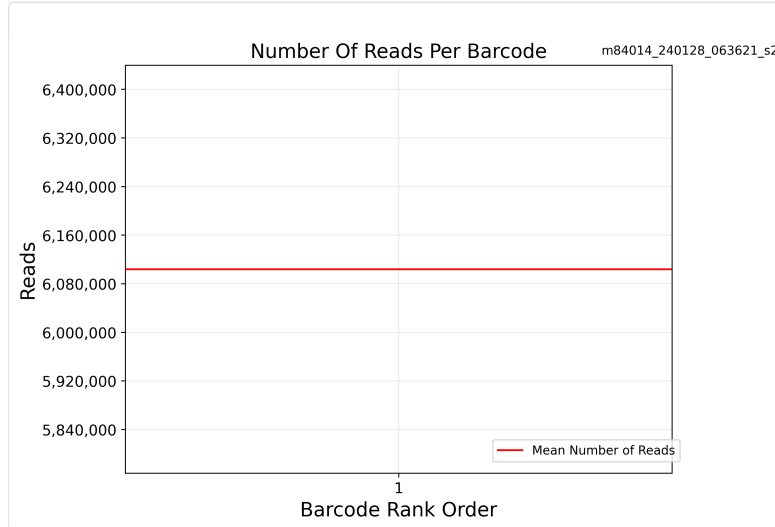
Barcodes

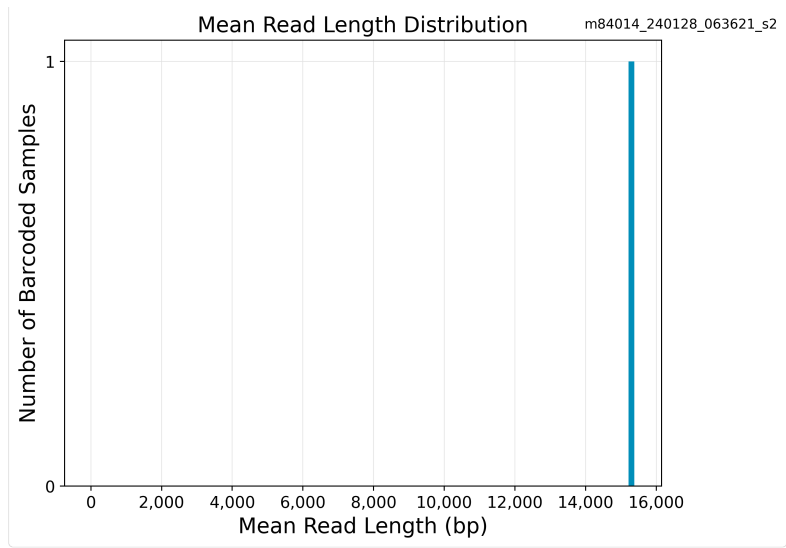
Value	Analysis Metric
1	Unique Barcodes
6,104,086	Barcoded HiFi Reads
19,191	Unbarcoded HiFi Reads
99.68%	Barcoded HiFi Reads (%)
93.51 Gb	Barcoded HiFi yield (Gb)
0.23 Gb	Unbarcoded HiFi yield (Gb)
99.75%	Barcoded HiFi Yield (%)
6,104,086	Mean HiFi Reads per Barcode
6,104,086	Max. HiFi Reads per Barcode
6,104,086	Min. HiFi Reads per Barcode
15.32 kb	Barcoded HiFi read length (mean, kb)
11.97 kb	Unbarcoded HiFi read length (mean, kb)

Barcode Data

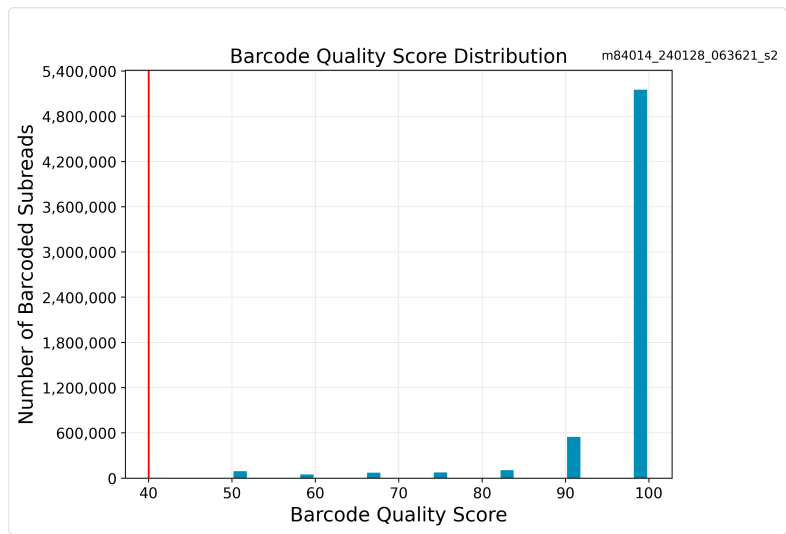
Sample N...	Barcode	Barcode Q...	HiFi Reads	HiFi Read ...	HiFi Read ...	HiFi Yield (..
Bio Sample...	bcM0003--...	97.0	6,104,086	15,319	Q30	93,510,412,
No Name	Not Barcod...	0.0	19,191	11,969	Q27	229,708,105

Barcoded Read Statistics

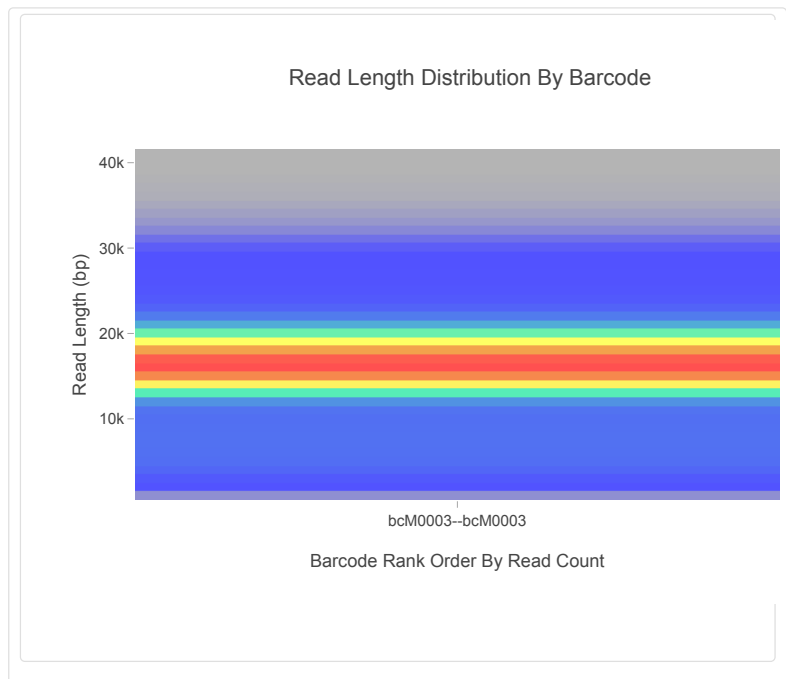




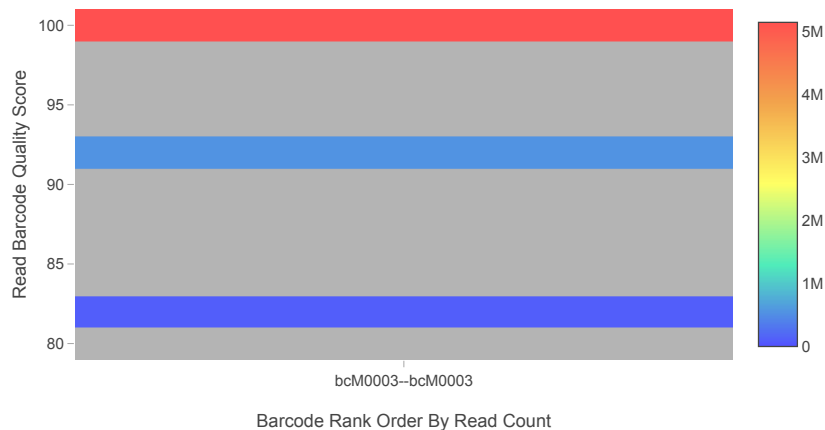
Barcode Quality Scores



Barcoded Read Binned Histograms



Barcode Quality Distribution By Barcode



4hr Run Preview

Value	Analysis Metric
undefined	Estimated HiFi yield
undefined	HiFi read quality, median
14351	HiFi read length, mean
59	P1%
4	Time (Hrs)
Basic	Workflow
m84014_240128_063621_s2_basic_preview_4hr	Id
m84014_240128_063621_s2	Movie Id

Barcode preview

Barcode ↓↑	HiFi reads ↓↑	HiFi read length (mean)
bcM0001--bcM0001	2.0%	13589
bcM0003--bcM0003	93.2%	14396
Other	0.3%	15762
Not Barcoded	4.5%	13394

Methylation Probability

