

# 12plex\_UHRR\_Brain\_Kinnex\_IDTcaptured-Cell1 (all samples)

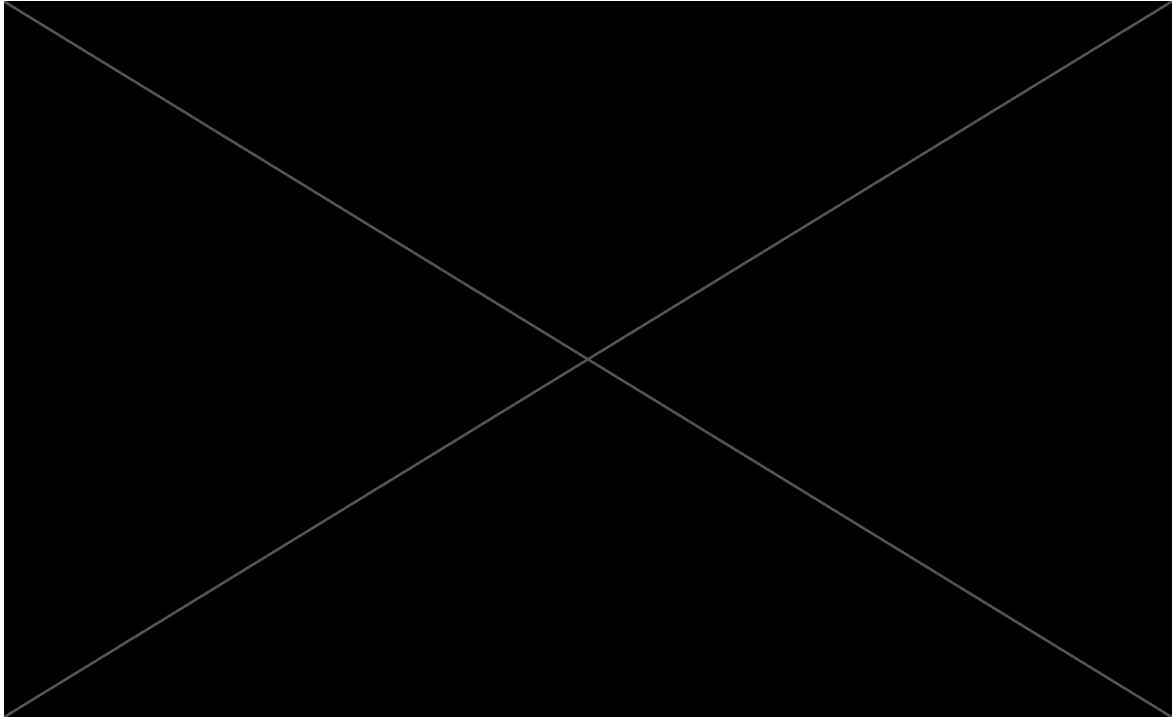
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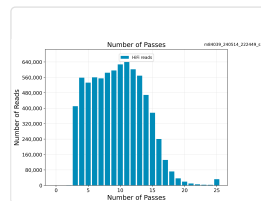
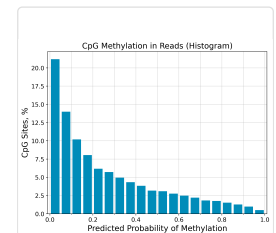
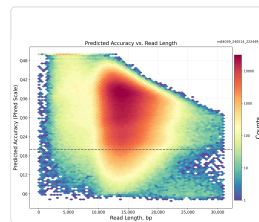
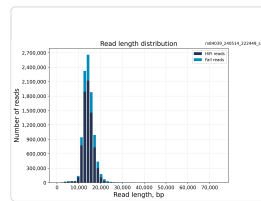
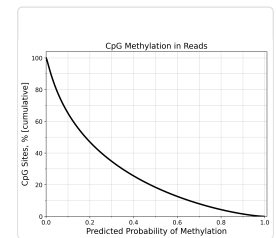
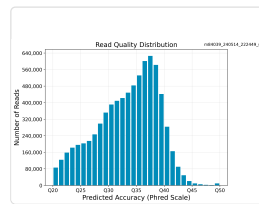
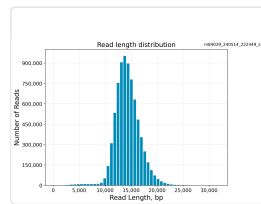
## Display All

### Status

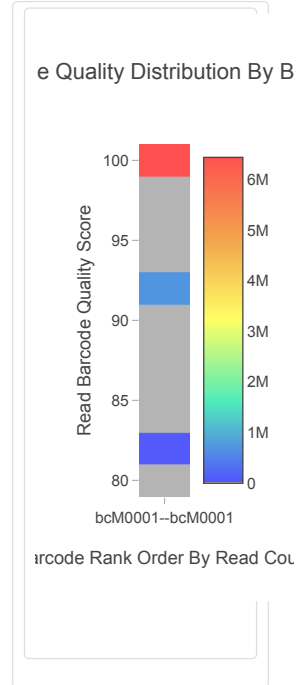
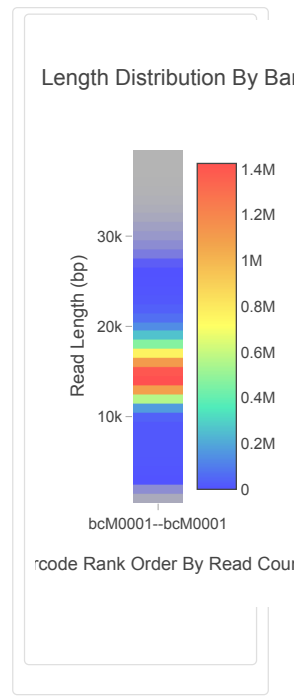
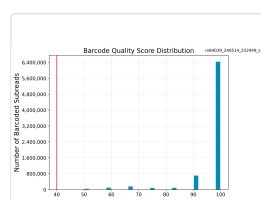
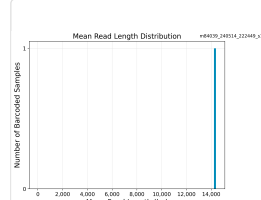
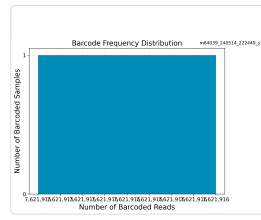
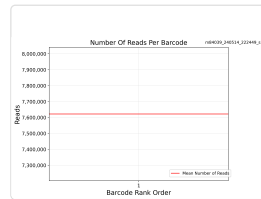
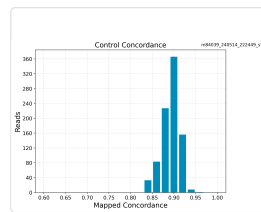
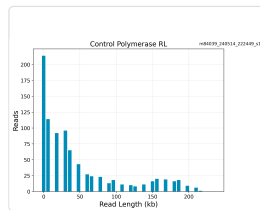
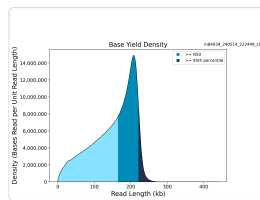
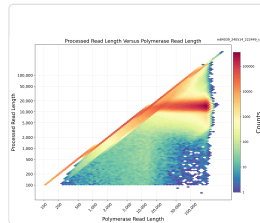
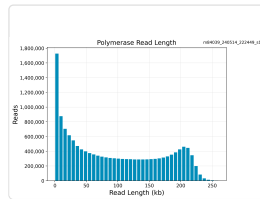
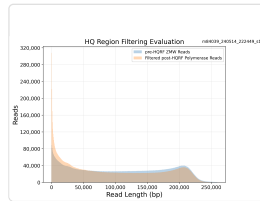
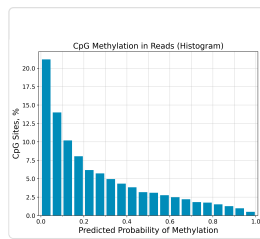
<b>Data Set</b>	12plex_UHRR_Brain_Kinnex_IDTcaptured-Cell1 (all samples)
<b>Data Set ID</b>	8343
<b>Data Set UUID</b>	bcc8e533-e25c-4a85-91d6-8e2ec82de419
<b>Well Sample Name</b>	12plex_UHRR_Brain_Kinnex_IDTcaptured
<b>Biological Sample Name</b>	Bio Sample 1



### Thumbnails







## Run Preview

	Value	Analysis Metric
	undefined	Estimated HiFi yield
	undefined	HiFi read quality, median
	13483	HiFi read length, mean
	55.7	P1%
	4	Time (Hrs)
	Basic	Workflow
m84039_240514_222449_s1_basic_preview_4hr	Id	

Value	Analysis Metric
m84039_240514_222449_s1	Movie Id

## Barcode preview

Barcode ↕	HiFi reads ↕	HiFi read length (mean)
bcM0001--bcM0001	94.4%	13493
Other	0.6%	11419
Not Barcoded	5.1%	13258

## Run Preview

Value	Analysis Metric
100358369325	Estimated HiFi yield
33	HiFi read quality, median
14173	HiFi read length, mean
undefined	P1%
23	Time (Hrs)
Full	Workflow
m84039_240514_222449_s1_full_preview_23hr	Id
m84039_240514_222449_s1	Movie Id

## Barcode preview

Barcode ↕	HiFi reads ↕	HiFi read length (mean)
bcM0001--bcM0001	98.9%	14179
Other	0.2%	2010
Not Barcoded	1.0%	14357

## CCS Analysis Report

Value	Analysis Metric
7.6 M	HiFi reads
109.17 Gb	HiFi reads yield
14.30 kb	HiFi reads length (mean)

Value	Analysis Metric
14,130	HiFi reads length (median, bp)
14,461	HiFi Read Length N50 (bp)
Q34	HiFi Read Quality (median)
95.44%	Base Quality $\geq$ Q30 (%)
10	HiFi Number of Passes (mean)

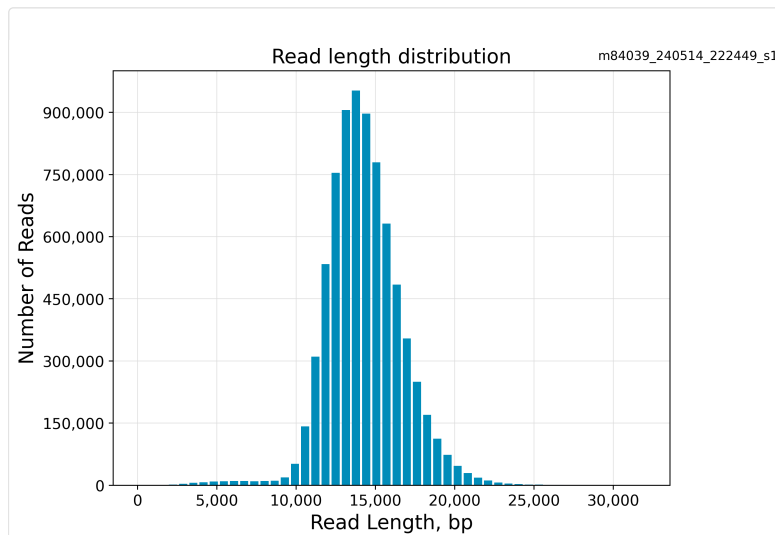
## HiFi Read Length Summary

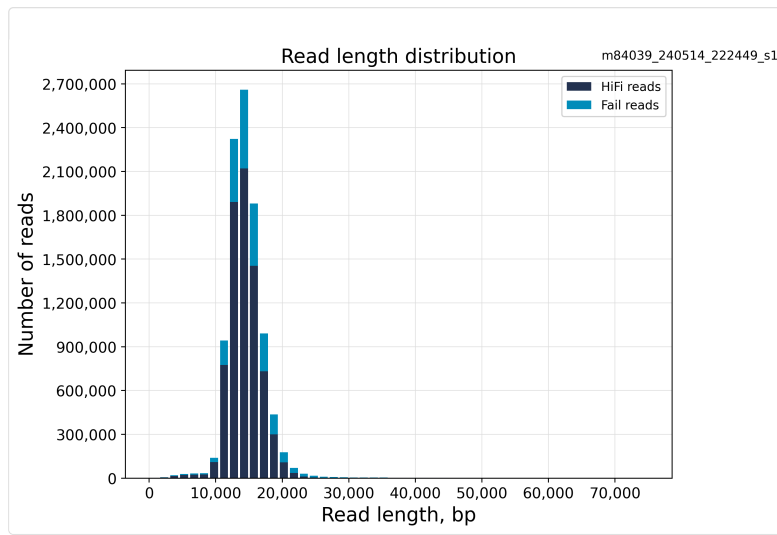
Read Length (kb) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑	Yield
$\geq 0$	7,634,506	100	109.17 Gb	100
$\geq 5,000$	7,608,611	100	109.07 Gb	100
$\geq 10,000$	7,501,793	98	108.20 Gb	99
$\geq 15,000$	2,635,919	35	44.14 Gb	40
$\geq 20,000$	113,695	1	2.44 Gb	2
$\geq 25,000$	5,121	0	0.14 Gb	0
$\geq 30,000$	565	0	0.02 Gb	0
$\geq 35,000$	22	0	0.00 Gb	0
$\geq 40,000$	0	0	0.00 Gb	0

## HiFi Read Quality Summary

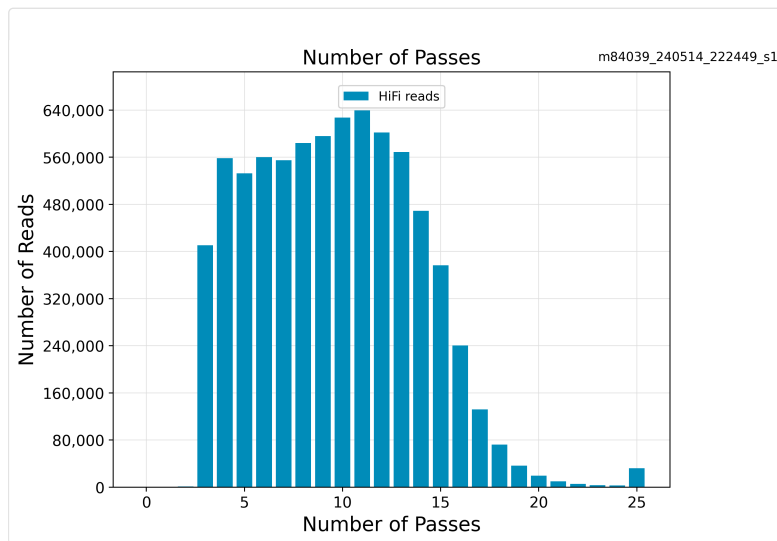
Read Quality (Phred) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑	Yield
$\geq$ Q20	7,634,506	100	109.17 Gb	100
$\geq$ Q30	5,573,208	73	79.32 Gb	73
$\geq$ Q40	645,204	8	8.21 Gb	8
$\geq$ Q50	8,381	0	0.04 Gb	0

## Read Length Distribution

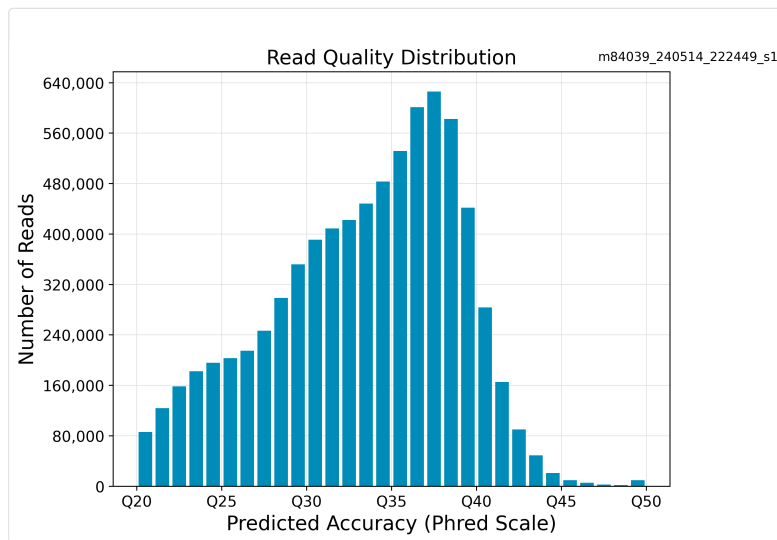




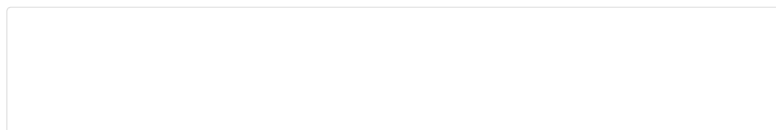
## Number of Passes

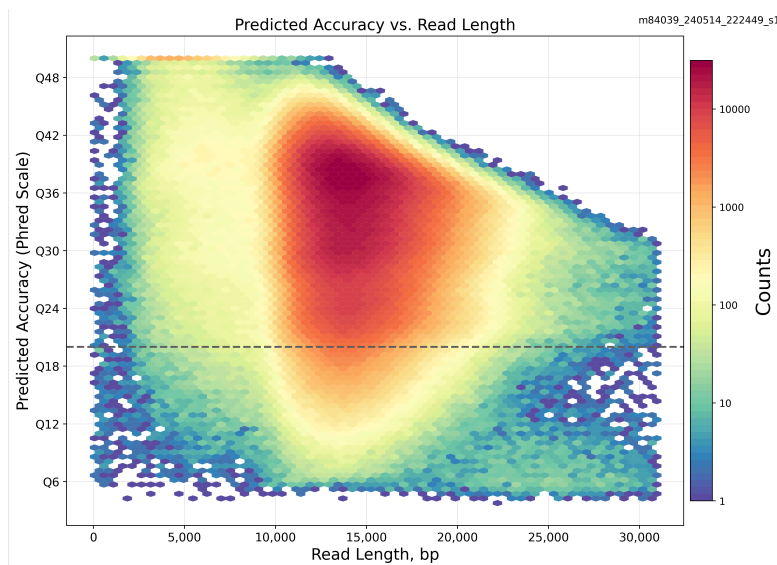


## Read Quality Distribution

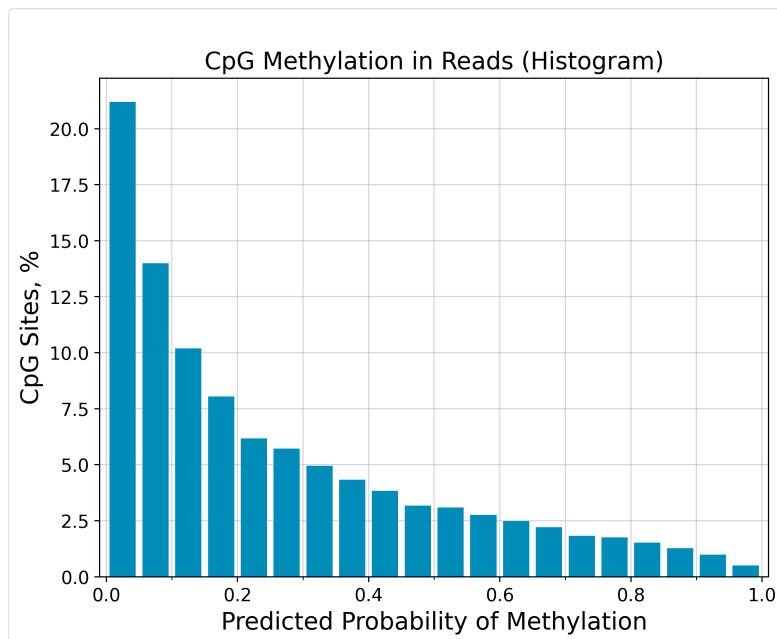
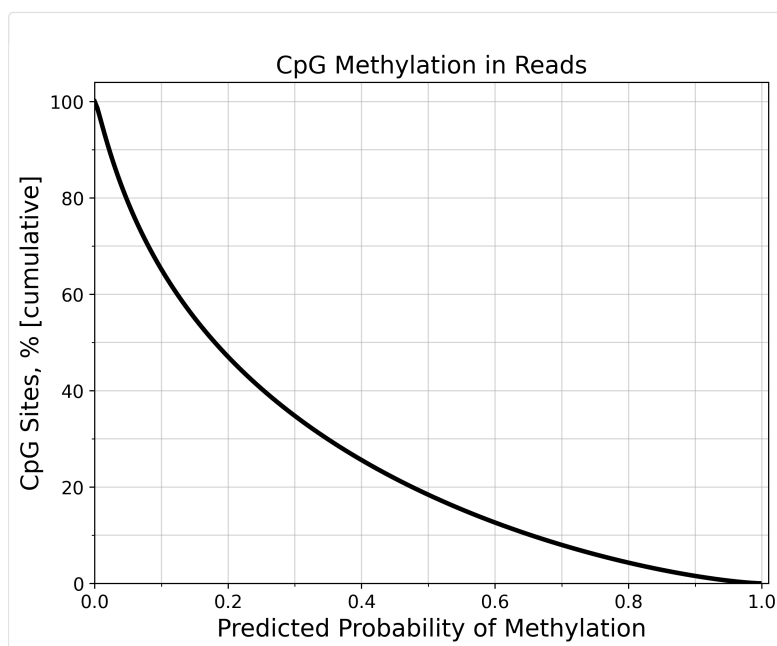


## Predicted Accuracy vs. Read Length





## Methylation Probability



## Adapter Report

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

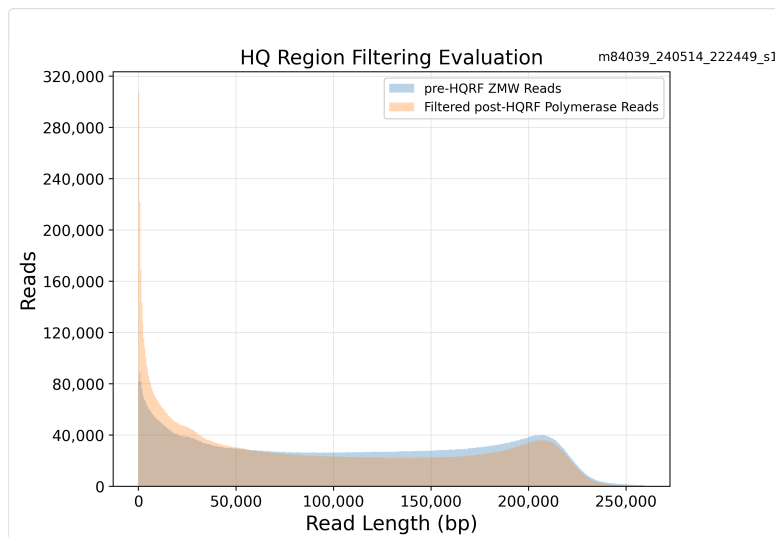
## Loading Report

Value	Analysis Metric
25,165,824	Productive ZMWs
10,311,312	Productivity 0
14,739,409	Productivity 1
115,103	Productivity 2

## Loading Statistics

Collecti...	Total ZM...	Producti...	P0 (%)	Producti...	P1 (%)	Producti...	P2 (%)
m84039...	25,165,824	10,311,312	40.97	14,739,409	58.57	115,103	0.46

## HQ Region Filtering Evaluation



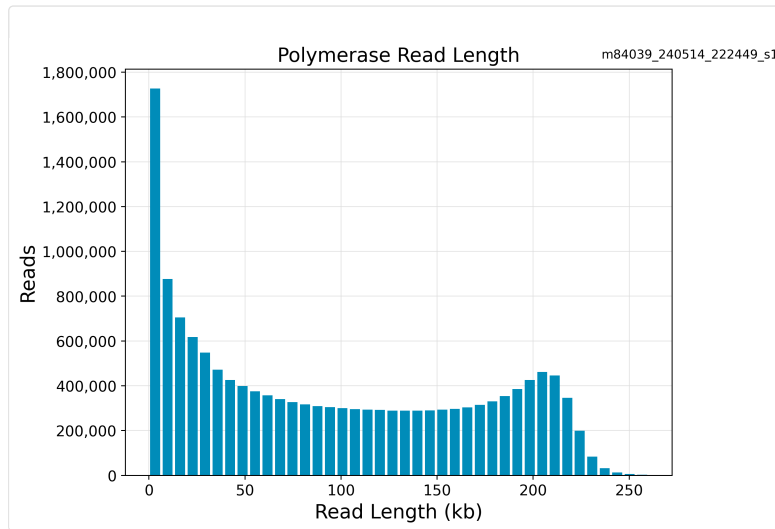
## Raw Data Report

Value	Analysis Metric
1,356,910,594,042	Polymerase Read Bases

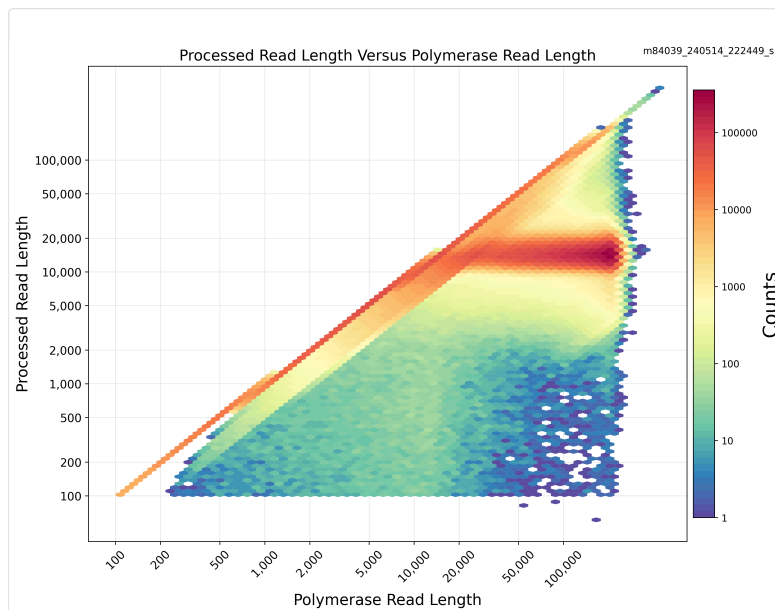


Value	Analysis Metric
14,738,535	Polymerase Reads
92.07 kb	Polymerase Read Length (mean)
166.75 kb	Polymerase read length (N50)
17.41 kb	Polymerase read length longest subread length (mean)
16.75 kb	Polymerase read length longest subread length (N50)
239,372,468,224	Unique Molecular Yield

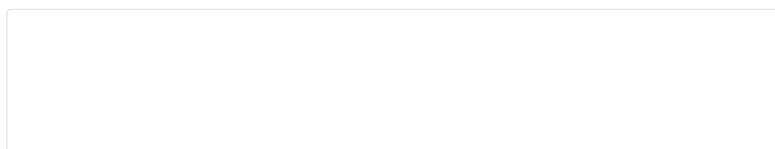
## Polymerase Read Length

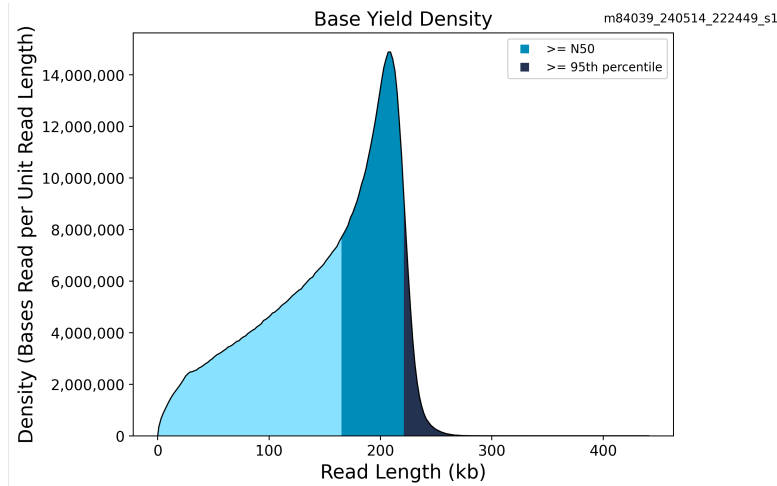


## Longest Subread Length Versus Polymerase Read Length



## Base Yield Density

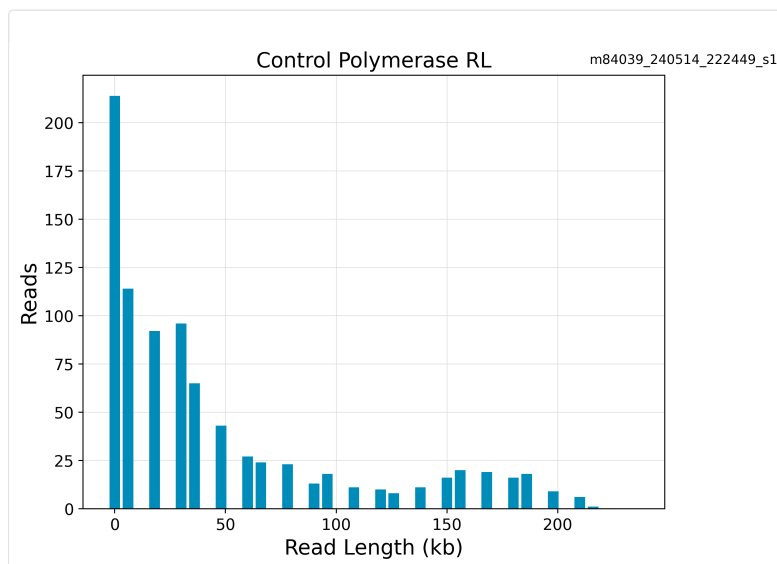




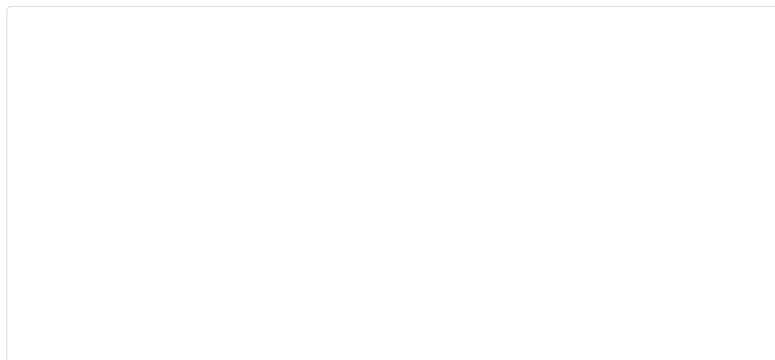
### Control Report

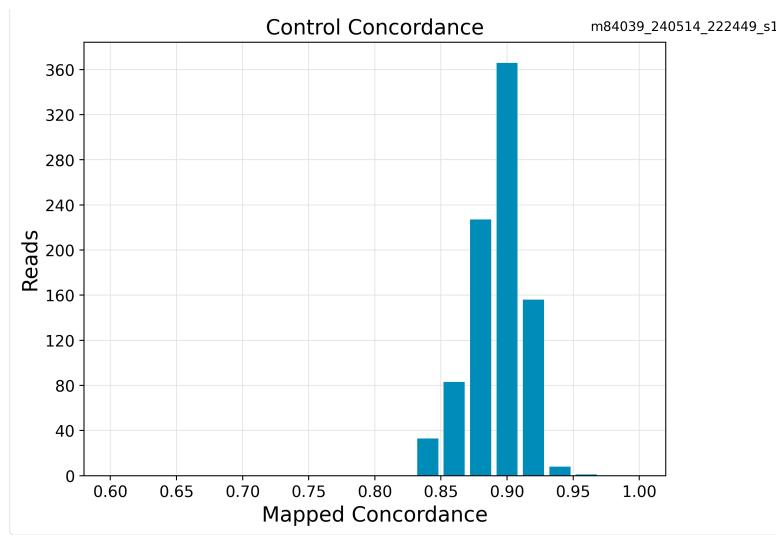
Value	Analysis Metric
874	Number of Control Reads
48,582	Control Read Length Mean
0.90	Control Read Concordance Mean
0.91	Control Read Concordance Mode

### Control Read Length



### Control Read Quality





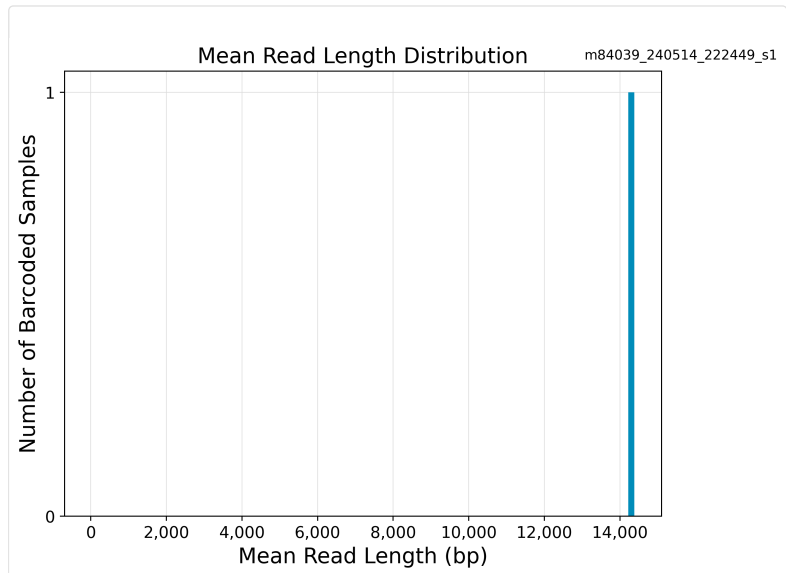
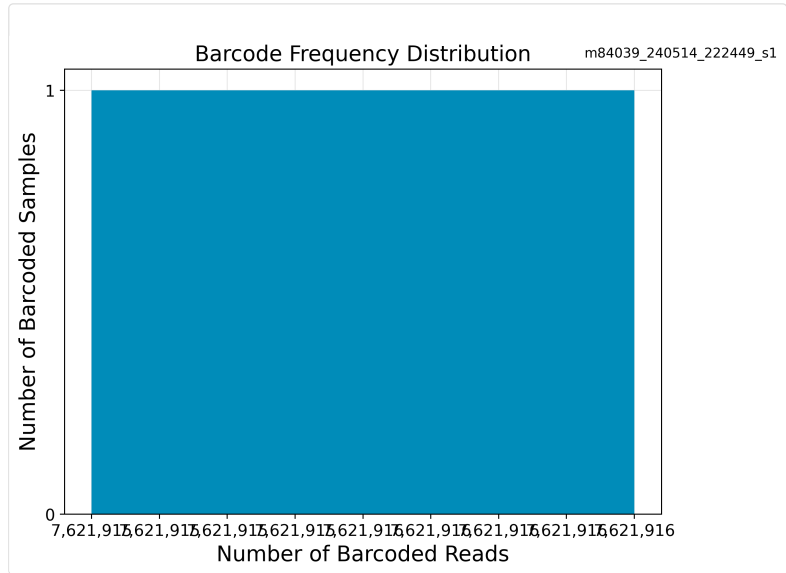
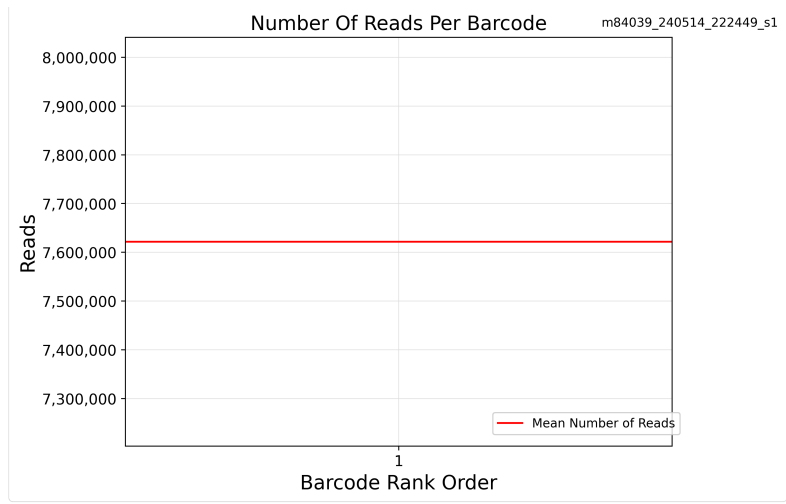
## Barcodes

Value	Analysis Metric
1	Unique Barcodes
7,621,916	Barcoded HiFi Reads
12,590	Unbarcoded HiFi Reads
99.83%	Barcoded HiFi Reads (%)
109.00 Gb	Barcoded HiFi yield (Gb)
0.16 Gb	Unbarcoded HiFi yield (Gb)
99.84%	Barcoded HiFi Yield (%)
7,621,916	Mean HiFi Reads per Barcode
7,621,916	Max. HiFi Reads per Barcode
7,621,916	Min. HiFi Reads per Barcode
14.30 kb	Barcoded HiFi read length (mean, kb)
13.04 kb	Unbarcoded HiFi read length (mean, kb)

## Barcode Data

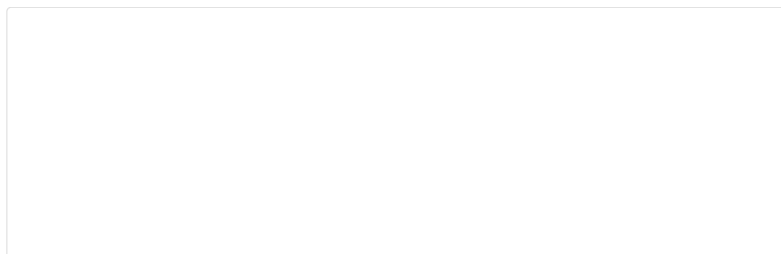
Sample N...	Barcode	Barcode Q...	HiFi Reads	HiFi Read ...	HiFi Read ...	HiFi Yield (..
Bio Sample 1	bcM0001--...	97.1	7,621,916	14,301	Q34	109,002,86
No Name	Not Barcod...	0.0	12,590	13,044	Q26	164,225,24

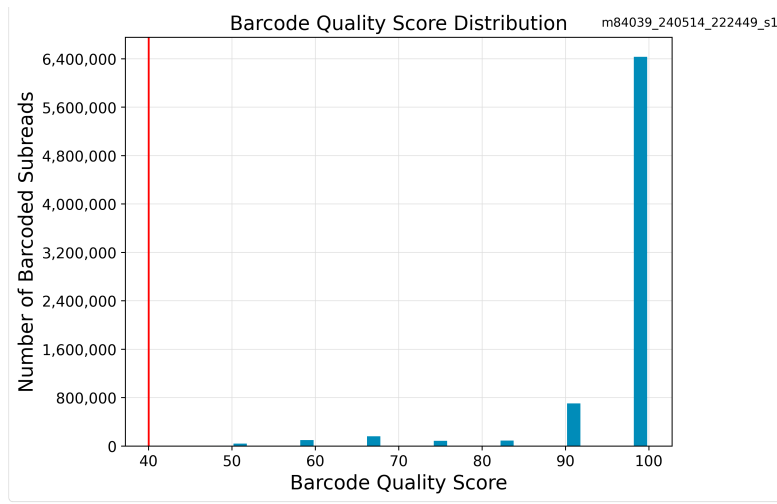
## Barcoded Read Statistics



## Barcode Quality Scores

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## Barcoded Read Binned Histograms

