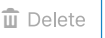


# import-dataset

SUCCESSFUL



- ▼ Analysis Overview
- Status
- Thumbnails
- Display All
- CCS Analysis Report
- Adapter Report
- Loading Report
- Raw Data Report
- Control Report
- Data

## Display All

### Status

<b>Analysis</b>	import-dataset
<b>Analysis ID</b>	109729
<b>Status</b>	SUCCESSFUL: 1 task finished
<b>Created By</b>	smrtlinktest
<b>Date Created</b>	2023-12-13, 05:47:14 AM
<b>Date Updated</b>	2023-12-13, 05:49:30 AM
<b>Application</b>	Generate Dataset Reports
<b>SMRT Link Version</b>	13.0.0.207600

### Inputs

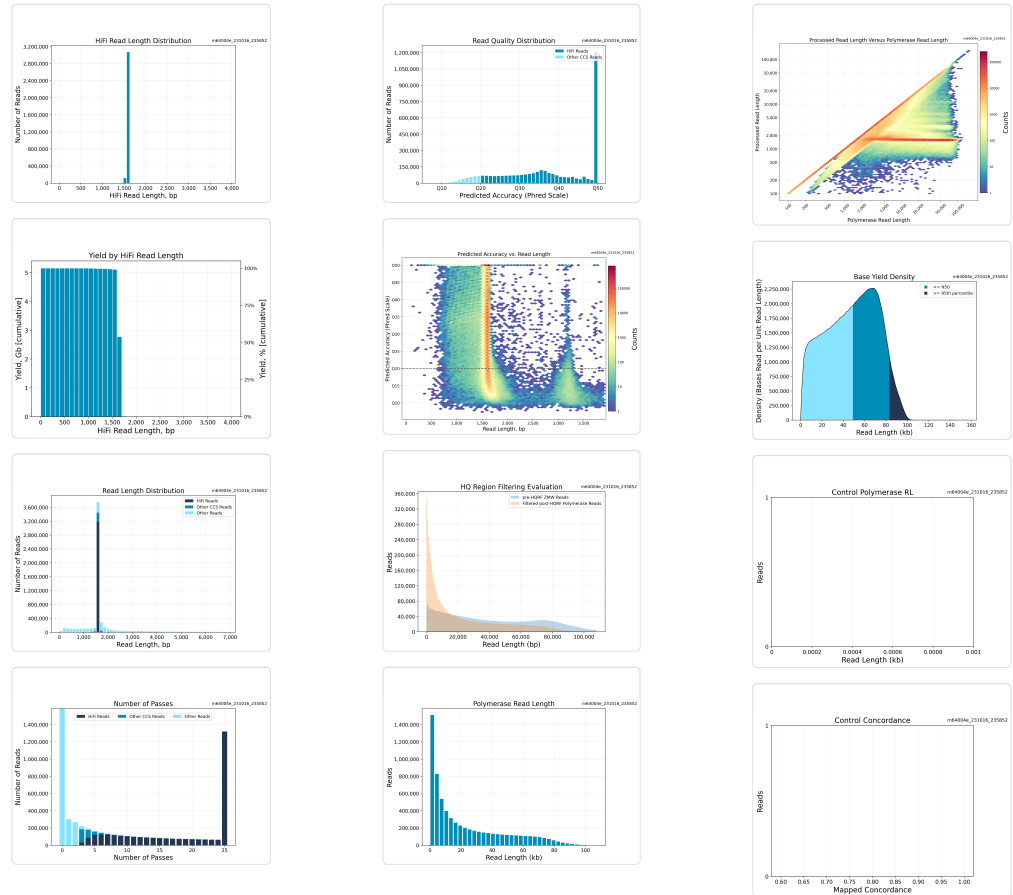
Data Type	Name
No Rows To Show	

### Path

/pbi/flash/smrtlink/smrtlink-alpha/smrtlink/userdata/jobs\_root/0000/0000109/0000109729

### ► Analysis Parameters

## Thumbnails



## CCS Analysis Report

Value	Analysis Metric
3.2 M	HiFi reads
5.15 Gb	HiFi reads yield
1.59 kb	HiFi reads length (mean)
1,600	HiFi reads length (median, bp)
1,600	HiFi Read Length N50 (bp)
Q40	HiFi Read Quality (median)
18	HiFi Number of Passes (mean)

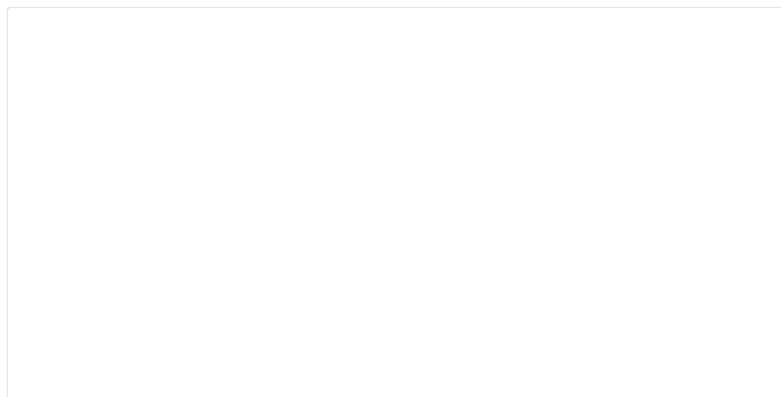
## HiFi Read Length Summary

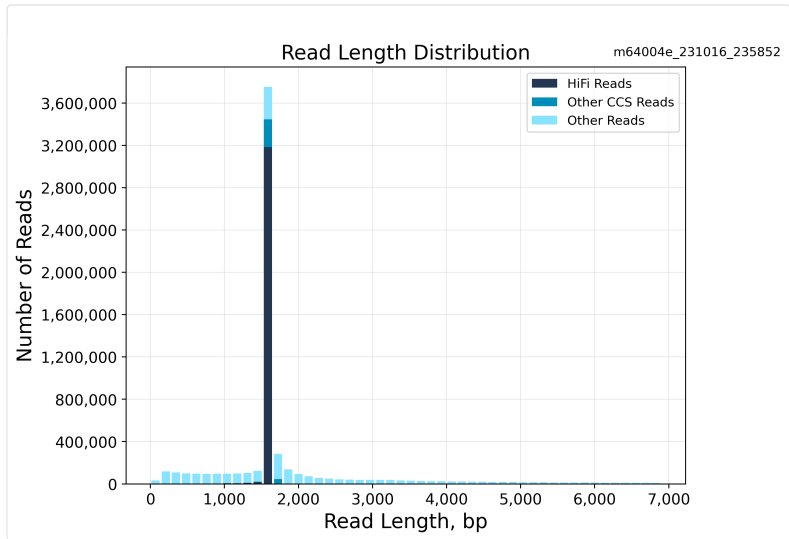
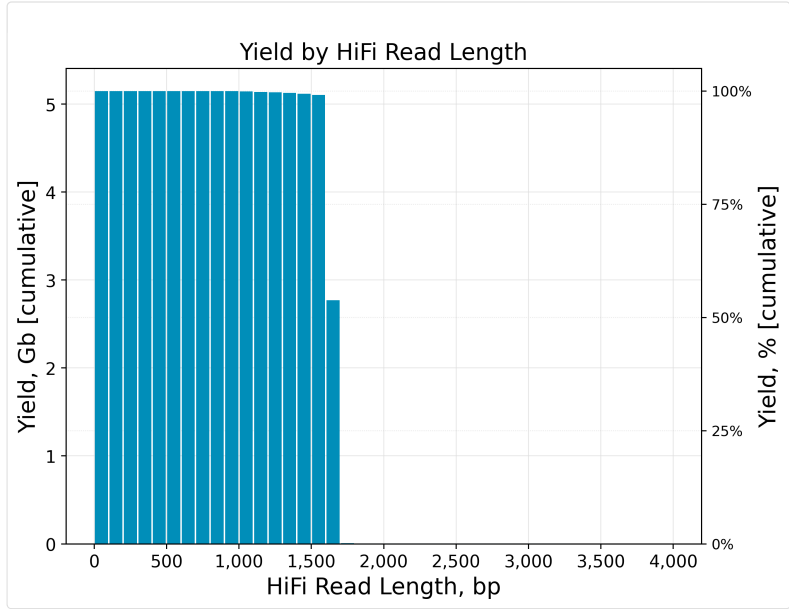
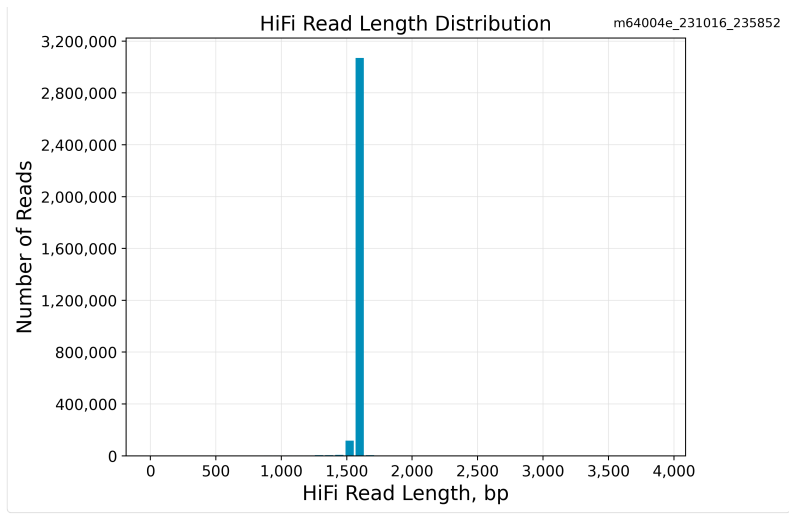
Read Length (kb) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑
≥ 0	3,228,520	100	5,149,944,597 Gb
≥ 5,000	227	0	2,286,313 Gb
≥ 10,000	187	0	2,041,350 Gb
≥ 15,000	0	0	0 Gb
≥ 20,000	0	0	0 Gb
≥ 25,000	0	0	0 Gb
≥ 30,000	0	0	0 Gb
≥ 35,000	0	0	0 Gb
≥ 40,000	0	0	0 Gb

## HiFi Read Quality Summary

Read Quality (Phred) ↓↑	Reads ↓↑	Reads (%) ↓↑	Yield (Gb) ↓↑
≥ Q20	3,228,520	100	5.15 Gb
≥ Q30	2,547,767	79	4.06 Gb
≥ Q40	1,639,362	51	2.61 Gb
≥ Q50	1,176,174	36	1.87 Gb

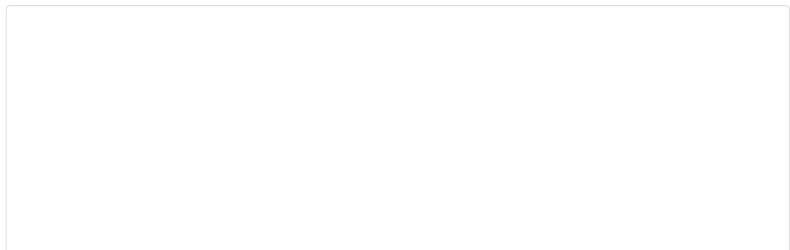
## Read Length Distribution

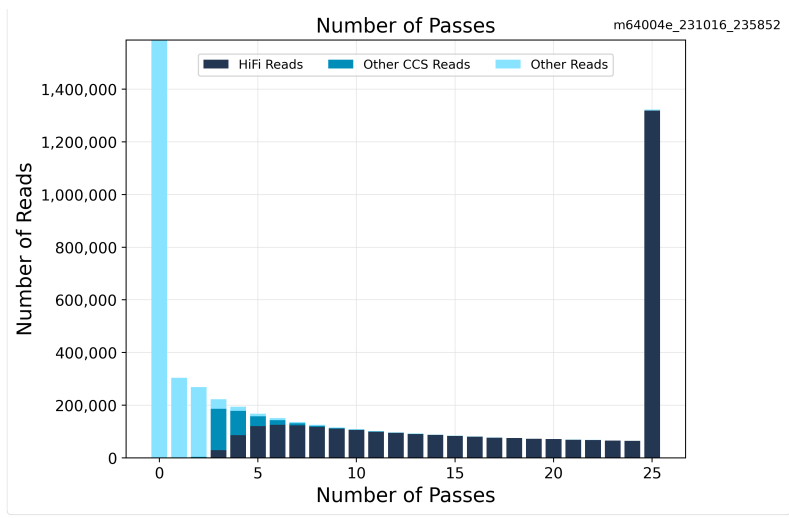




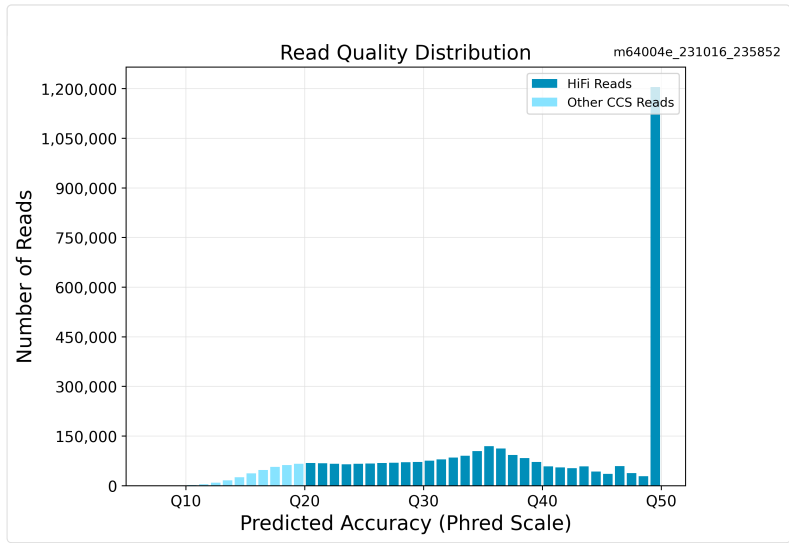
## Number of Passes

---

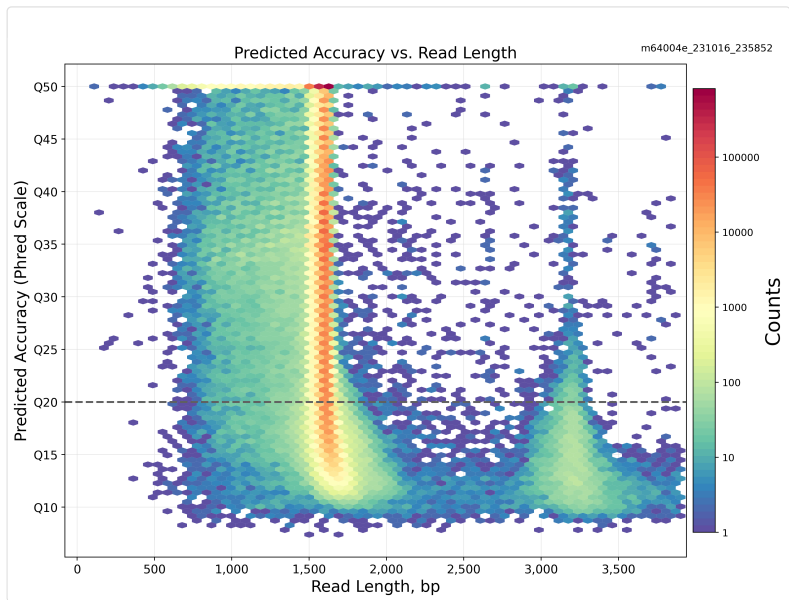




## Read Quality Distribution



## Predicted Accuracy vs. Read Length



## Adapter Report

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

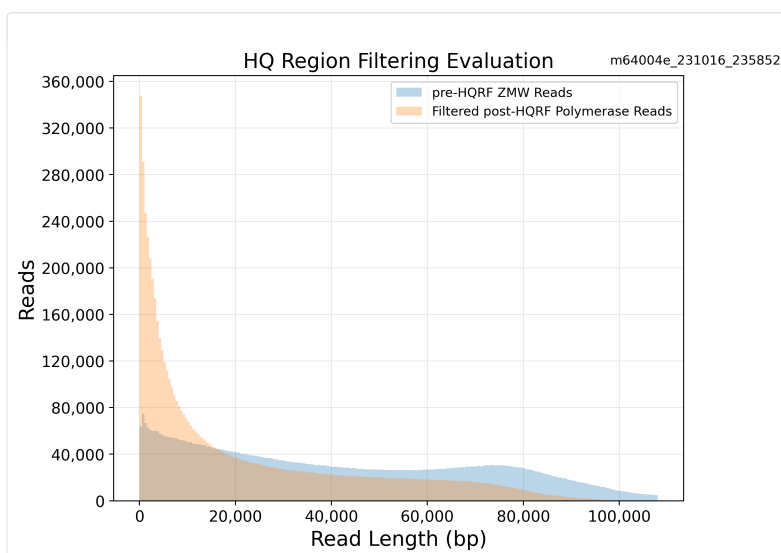
## Loading Report

Value	Analysis Metric
8,014,671	Productive ZMWs
632,634	Productivity 0
6,676,707	Productivity 1
705,330	Productivity 2

## Loading Statistics

Collection C...	Total ZMWs	Productivit...	P0 (%)	Productivit...	P1 (%)	Productivi
m64004e_2...	8,014,671	632,634	7.89	6,676,707	83.31	705,330

## HQ Region Filtering Evaluation

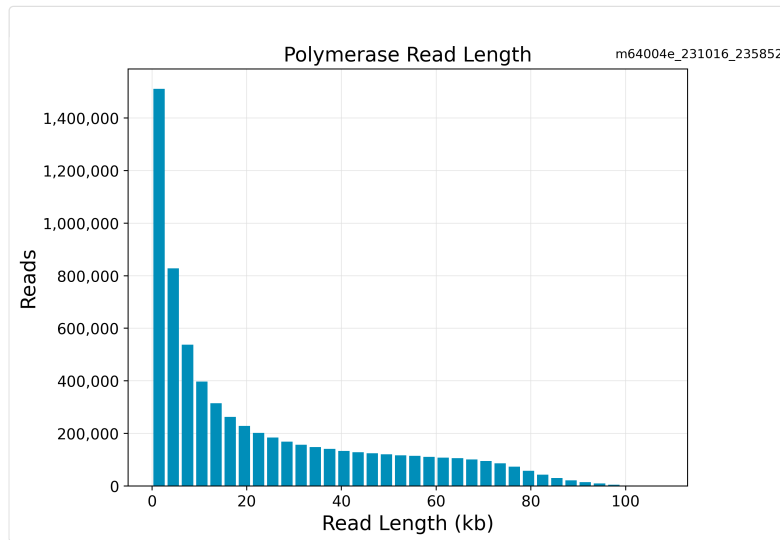


## Raw Data Report

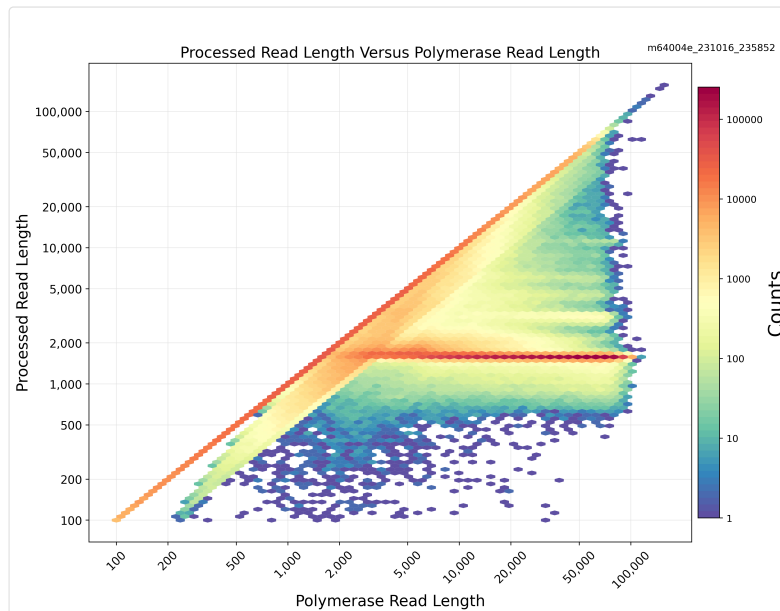
Value	Analysis Metric
150,484,296,061	Polymerase Read Bases
6,676,707	Polymerase Reads

Value	Analysis Metric
22.54 kb	Polymerase Read Length (mean)
49.75 kb	Polymerase read length (N50)
3.44 kb	Polymerase read length longest subread length (mean)
5.25 kb	Polymerase read length longest subread length (N50)
18,716,176,384	Unique Molecular Yield

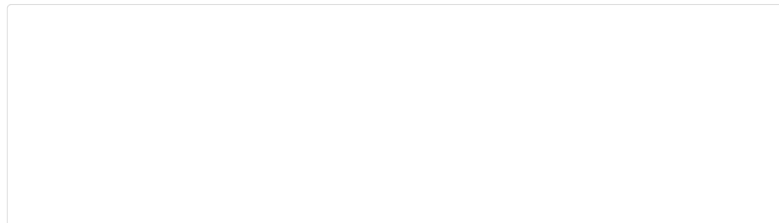
## Polymerase Read Length

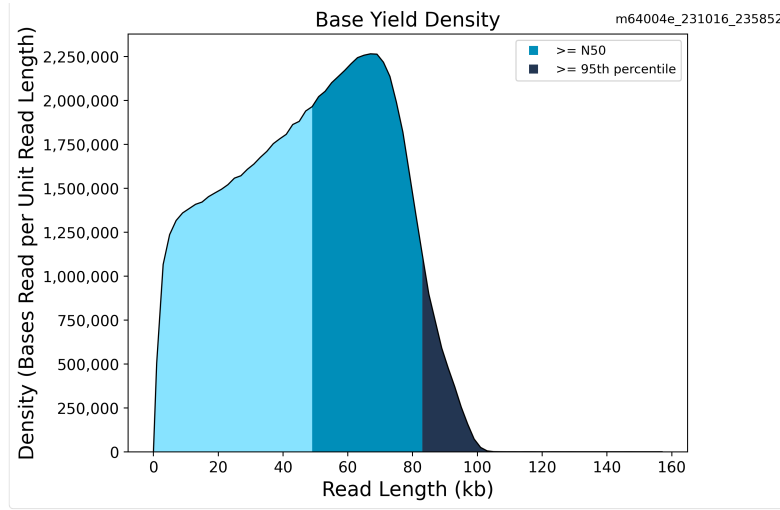


## Longest Subread Length Versus Polymerase Read Length



## Base Yield Density

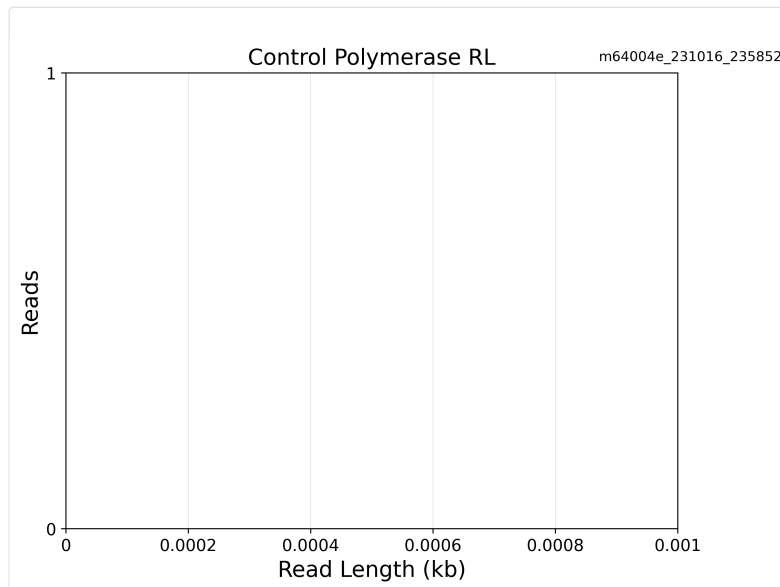




## Control Report

Value	Analysis Metric
0	Number of Control Reads
NA	Control Read Length Mean
NA	Control Read Concordance Mean
NA	Control Read Concordance Mode

## Control Read Length



## Control Read Quality

