

Report for dataset AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (all samples)

Dataset 4f0c3c7e-269d-4068-9d90-6167a3dfd300

Summary

Name	AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (all samples)
Created At	2024-12-02 08:37:00.432
Number of Records	3,633,715
Total Length	5,575,680,595
Movie Name	m84177_241128_121402_s3
ICS Version	13.1.0.221972
Well Sample	AP_16S_PI1_2_Cornejo
Biological Sample	[multiple]
Barcode Name	[multiple]

Barcodes

Summary

Unique Barcodes	80
Barcode HiFi Reads	3,633,715
Unbarcode HiFi Reads	667,909
Barcode HiFi Reads (%)	84.47 %
Barcode HiFi yield (Gb)	5.58 Gb
Unbarcode HiFi yield (Gb)	1.00 Gb
Barcode HiFi Yield (%)	84.76 %
Mean HiFi Reads per Barcode	45,421
Max. HiFi Reads per Barcode	310,615
Min. HiFi Reads per Barcode	35
Barcode HiFi read length (mean, kb)	1.53 kb
Unbarcode HiFi read length (mean, kb)	1.50 kb

Barcode Data

Sample Name	Barcode	Barcode Quality	HiFi Reads	HiFi Read Length (mean, bp)	HiFi Read Quality (median, QV)	HiFi Yield (bp)
1-0_1	bc1005--bc1033	97.5	1400	1587	Q72	2222938
1-0_2	bc1005--bc1035	95.7	3735	1635	Q69	6107379
1-0_3	bc1005--bc1044	94.7	1866	1747	Q69	3260768
1-0_4	bc1005--bc1045	96.8	478	1703	Q66	814087
1-0_5	bc1005--bc1054	92.7	1177	1215	Q60	1431042
1-0_6	bc1005--bc1056	93.2	167	2263	Q58	378026
1-0_7	bc1005--bc1057	95.5	3033	1579	Q72	4789891
1-0_8	bc1005--bc1059	97.1	1176	1439	Q60	1692905
1-0_9	bc1005--bc1060	99.1	2725	1542	Q60	4201984
eb-1	bc1005--bc1062	93.3	35	2848	Q54	99696
1-1_1	bc1007--bc1033	99.7	23076	1528	Q60	35277493
1-1_2	bc1007--bc1035	99.4	14523	1542	Q66	22406789
1-1_3	bc1007--bc1044	99.5	310615	1527	Q60	474607152
1-1_4	bc1007--bc1045	99.7	66841	1534	Q60	102581562
1-1_5	bc1007--bc1054	99.6	203997	1525	Q60	311270430
1-1_6	bc1007--bc1056	99.7	115826	1535	Q60	177889269
1-1_7	bc1007--bc1057	99.7	23644	1541	Q60	36456805
1-1_8	bc1007--bc1059	99.7	9359	1582	Q60	14810878

1-1_9	bc1007--bc1060	99.8	127101	1525	Q60	193874578
1-1_10	bc1007--bc1062	99.7	124011	1529	Q60	189704482
1-2_1	bc1008--bc1033	99.6	10472	1526	Q50	15989549
1-2_2	bc1008--bc1035	99.3	10681	1532	Q69	16370632
1-2_3	bc1008--bc1044	99.1	11681	1542	Q58	18020449
1-2_4	bc1008--bc1045	99.7	83436	1528	Q60	127538465
1-2_5	bc1008--bc1054	99.1	47307	1526	Q60	72224865
1-2_6	bc1008--bc1056	99.6	16248	1543	Q69	25082027
1-2_7	bc1008--bc1057	99.6	50148	1528	Q54	76665388
1-2_8	bc1008--bc1059	99.7	31221	1529	Q52	47766982
1-2_9	bc1008--bc1060	99.7	12839	1531	Q60	19668079
1-2_10	bc1008--bc1062	99.6	10602	1538	Q72	16312205
1-3_1	bc1012--bc1033	99.3	8847	1540	Q60	13631738
1-3_2	bc1012--bc1035	98.9	231215	1529	Q60	353592817
1-3_3	bc1012--bc1044	99.1	212812	1541	Q60	327952959
1-3_4	bc1012--bc1045	99.1	142124	1537	Q60	218461484
1-3_5	bc1012--bc1054	97.7	42471	1564	Q60	66458112
1-3_6	bc1012--bc1056	99.4	14232	1615	Q60	22985259
1-3_7	bc1012--bc1057	99.4	55734	1532	Q60	85392588
1-3_8	bc1012--bc1059	99.3	9238	1611	Q60	14882760
1-3_9	bc1012--bc1060	99.0	68480	1532	Q60	104942984
1-3_10	bc1012--bc1062	98.9	120997	1535	Q72	185759492
1-4_1	bc1015--bc1033	99.5	7331	1529	Q57	11209775
1-4_2	bc1015--bc1035	99.1	9248	1540	Q57	14244905
1-4_3	bc1015--bc1044	99.4	9666	1561	Q60	15097473
1-4_4	bc1015--bc1045	99.6	17944	1540	Q52	27651606
1-4_5	bc1015--bc1054	99.5	18337	1549	Q60	28414229
1-4_6	bc1015--bc1056	99.5	261919	1528	Q60	400354547
1-4_7	bc1015--bc1057	99.6	75040	1528	Q72	114724566
1-4_8	bc1015--bc1059	99.6	18628	1539	Q58	28674740
1-4_9	bc1015--bc1060	99.5	4027	1555	Q64	6263964
1-4_10	bc1015--bc1062	99.6	6252	1549	Q50	9690003
1-5_1	bc1020--bc1033	99.5	4947	1545	Q60	7645717
1-5_2	bc1020--bc1035	98.9	4455	1595	Q60	7108978
1-5_3	bc1020--bc1044	98.8	94467	1552	Q60	146634311
1-5_4	bc1020--bc1045	99.5	41299	1537	Q60	63502083
1-5_5	bc1020--bc1054	96.2	15606	1626	Q60	25388933

1-5_6	bc1020--bc1056	99.6	49821	1541	Q60	76777332
1-5_7	bc1020--bc1057	99.5	48959	1535	Q67	75161053
1-5_8	bc1020--bc1059	99.0	164465	1534	Q60	252352800
1-5_9	bc1020--bc1060	98.5	9940	1553	Q60	15444446
1-5_10	bc1020--bc1062	99.1	3729	1624	Q53	6058476
1-6_1	bc1022--bc1033	99.7	15740	1527	Q64	24042246
1-6_2	bc1022--bc1035	99.2	9881	1540	Q57	15221227
1-6_3	bc1022--bc1044	99.5	5462	1580	Q60	8629966
1-6_4	bc1022--bc1045	99.7	98256	1526	Q60	150006929
1-6_5	bc1022--bc1054	99.6	67460	1530	Q60	103257682
1-6_6	bc1022--bc1056	99.7	156296	1529	Q60	238993368
1-6_7	bc1022--bc1057	99.7	33494	1530	Q47	51252518
1-6_8	bc1022--bc1059	99.7	14462	1536	Q57	22225836
1-6_9	bc1022--bc1060	99.8	5053	1548	Q60	7822953
1-6_10	bc1022--bc1062	99.6	8296	1544	Q56	12811063
1-7_1	bc1024--bc1033	99.7	13591	1525	Q56	20731730
1-7_2	bc1024--bc1035	99.2	13240	1528	Q58	20232327
1-7_3	bc1024--bc1044	99.5	15499	1528	Q69	23697900
1-7_4	bc1024--bc1045	99.7	11058	1533	Q60	16956997
1-7_5	bc1024--bc1054	99.6	8735	1536	Q60	13419053
1-7_6	bc1024--bc1056	99.6	7188	1547	Q60	11126482
1-7_7	bc1024--bc1057	99.7	34096	1528	Q48	52117957
1-7_8	bc1024--bc1059	99.7	9953	1530	Q64	15231255
1-7_9	bc1024--bc1060	99.7	6600	1532	Q60	10113679
1-7_10	bc1024--bc1062	99.6	7705	1533	Q66	11812502
No Name	Not Barcoded	0.0	667909	1501	Q60	1002548917

Inferred Barcodes

Barcode	Reads, %	Barcode score, mean
bc1005--bc1007	0.0	96.0
bc1005--bc1008	0.0	100.0
bc1005--bc1012	0.0	95.0
bc1005--bc1015	0.0	92.0
bc1005--bc1020	0.0	91.0
bc1005--bc1022	0.0	91.0
bc1005--bc1033	0.6	99.0

bc1005--bc1035	0.6	97.0
bc1005--bc1044	0.3	96.0
bc1005--bc1045	0.2	97.0
bc1005--bc1054	0.1	90.0
bc1005--bc1056	0.1	95.0
bc1005--bc1057	0.9	98.0
bc1005--bc1059	0.1	97.0
bc1005--bc1060	0.2	98.0
bc1005--bc1062	0.0	89.0
bc1007--bc1012	0.0	100.0
bc1007--bc1015	0.0	100.0
bc1007--bc1020	0.0	93.0
bc1007--bc1022	0.0	100.0
bc1007--bc1033	0.4	99.0
bc1007--bc1035	0.5	99.0
bc1007--bc1044	4.1	99.0
bc1007--bc1045	1.6	99.0
bc1007--bc1054	1.9	98.0
bc1007--bc1056	1.2	99.0
bc1007--bc1057	0.4	99.0
bc1007--bc1059	0.2	99.0
bc1007--bc1060	1.2	99.0
bc1007--bc1062	1.0	99.0
bc1008--bc1012	0.0	100.0
bc1008--bc1020	0.0	100.0
bc1008--bc1033	0.5	99.0
bc1008--bc1035	0.2	99.0
bc1008--bc1044	0.5	99.0
bc1008--bc1045	1.6	99.0
bc1008--bc1054	1.1	98.0
bc1008--bc1056	0.6	99.0
bc1008--bc1057	2.3	99.0
bc1008--bc1059	1.8	99.0
bc1008--bc1060	0.2	99.0
bc1008--bc1062	0.3	99.0
bc1012--bc1015	0.0	97.0
bc1012--bc1020	0.0	90.0

bc1012--bc1022	0.0	93.0
bc1012--bc1033	0.2	98.0
bc1012--bc1035	3.4	98.0
bc1012--bc1044	3.6	98.0
bc1012--bc1045	2.4	99.0
bc1012--bc1054	1.6	97.0
bc1012--bc1056	0.2	98.0
bc1012--bc1057	0.9	99.0
bc1012--bc1059	0.3	98.0
bc1012--bc1060	1.2	99.0
bc1012--bc1062	4.0	99.0
bc1015--bc1020	0.0	94.0
bc1015--bc1024	0.0	100.0
bc1015--bc1033	0.3	99.0
bc1015--bc1035	0.3	99.0
bc1015--bc1044	0.3	99.0
bc1015--bc1045	0.8	99.0
bc1015--bc1054	0.2	98.0
bc1015--bc1056	4.9	99.0
bc1015--bc1057	2.0	99.0
bc1015--bc1059	0.7	99.0
bc1015--bc1060	0.1	99.0
bc1015--bc1062	0.3	99.0
bc1020--bc1022	0.0	88.0
bc1020--bc1024	0.0	91.0
bc1020--bc1033	0.1	99.0
bc1020--bc1035	0.1	96.0
bc1020--bc1044	1.6	96.0
bc1020--bc1045	0.5	97.0
bc1020--bc1054	1.0	94.0
bc1020--bc1056	0.5	97.0
bc1020--bc1057	1.6	99.0
bc1020--bc1059	5.8	98.0
bc1020--bc1060	0.1	96.0
bc1020--bc1062	0.2	96.0
bc1022--bc1033	0.4	99.0
bc1022--bc1035	0.4	99.0

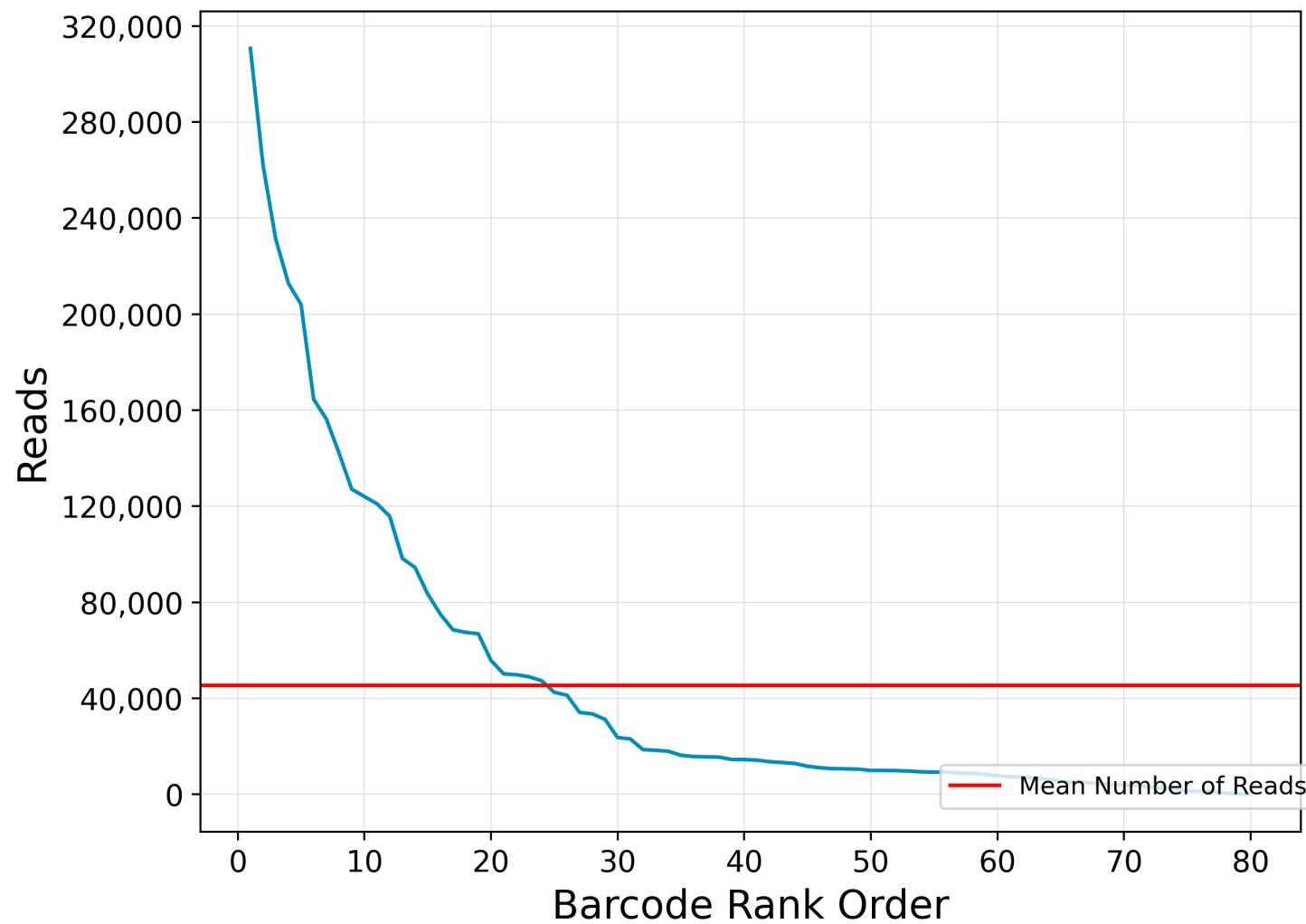
bc1022--bc1044	0.1	98.0
bc1022--bc1045	2.4	99.0
bc1022--bc1054	1.7	99.0
bc1022--bc1056	2.0	99.0
bc1022--bc1057	1.7	99.0
bc1022--bc1059	0.7	99.0
bc1022--bc1060	0.1	99.0
bc1022--bc1062	0.3	99.0
bc1024--bc1033	0.6	99.0
bc1024--bc1035	0.5	98.0
bc1024--bc1044	0.5	99.0
bc1024--bc1045	0.3	99.0
bc1024--bc1054	0.2	99.0
bc1024--bc1056	0.3	99.0
bc1024--bc1057	2.3	99.0
bc1024--bc1059	0.3	99.0
bc1024--bc1060	0.1	99.0
bc1024--bc1062	0.3	99.0
bc1033--bc1035	0.0	96.0
bc1033--bc1045	0.0	98.0
bc1033--bc1054	0.0	96.0
bc1033--bc1056	0.0	100.0
bc1033--bc1057	0.0	100.0
bc1033--bc1059	0.0	95.0
bc1033--bc1060	0.0	100.0
bc1033--bc1062	0.0	100.0
bc1035--bc1044	0.0	100.0
bc1035--bc1045	0.0	100.0
bc1035--bc1054	0.0	100.0
bc1035--bc1056	0.0	98.0
bc1035--bc1057	0.0	100.0
bc1035--bc1059	0.0	95.0
bc1035--bc1060	0.0	100.0
bc1044--bc1045	0.0	97.0
bc1044--bc1054	0.0	98.0
bc1044--bc1056	0.0	100.0
bc1044--bc1057	0.0	100.0

bc1044--bc1059	0.0	99.0
bc1044--bc1060	0.0	100.0
bc1044--bc1062	0.0	99.0
bc1045--bc1054	0.0	97.0
bc1045--bc1056	0.0	100.0
bc1045--bc1057	0.0	100.0
bc1045--bc1059	0.0	96.0
bc1045--bc1060	0.0	100.0
bc1045--bc1062	0.0	100.0
bc1054--bc1056	0.0	99.0
bc1054--bc1057	0.0	100.0
bc1054--bc1059	0.0	100.0
bc1054--bc1060	0.0	100.0
bc1054--bc1062	0.0	97.0
bc1056--bc1057	0.0	100.0
bc1056--bc1059	0.0	96.0
bc1056--bc1060	0.0	98.0
bc1056--bc1062	0.0	100.0
bc1057--bc1059	0.0	100.0
bc1057--bc1060	0.0	100.0
bc1057--bc1062	0.0	97.0
bc1059--bc1060	0.0	100.0
bc1059--bc1062	0.0	96.0
bc1060--bc1062	0.0	100.0
unassigned	20.6	0.0

Number Of Reads Per Barcode

Number Of Reads Per Barcode

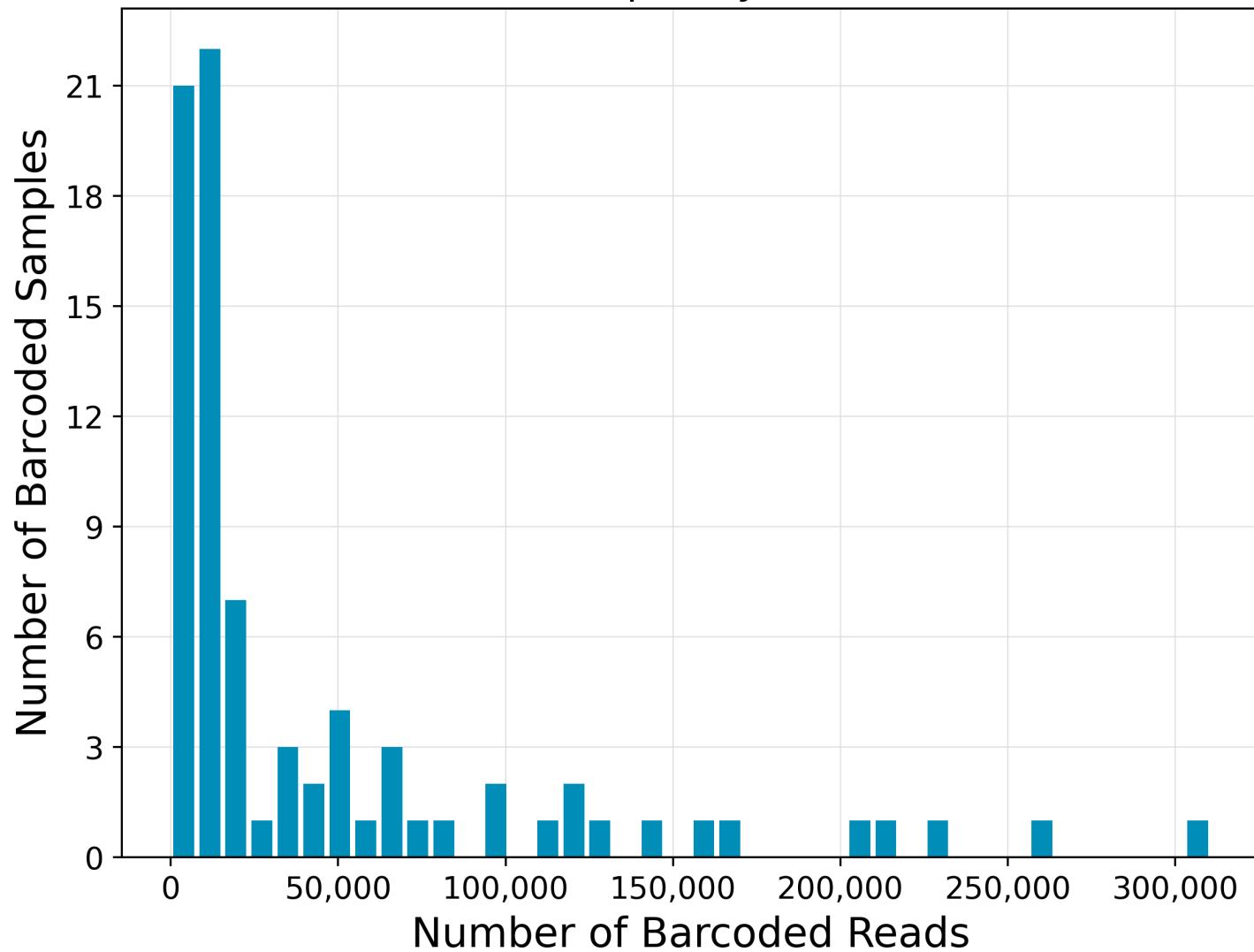
m84177_241128_121402_s3



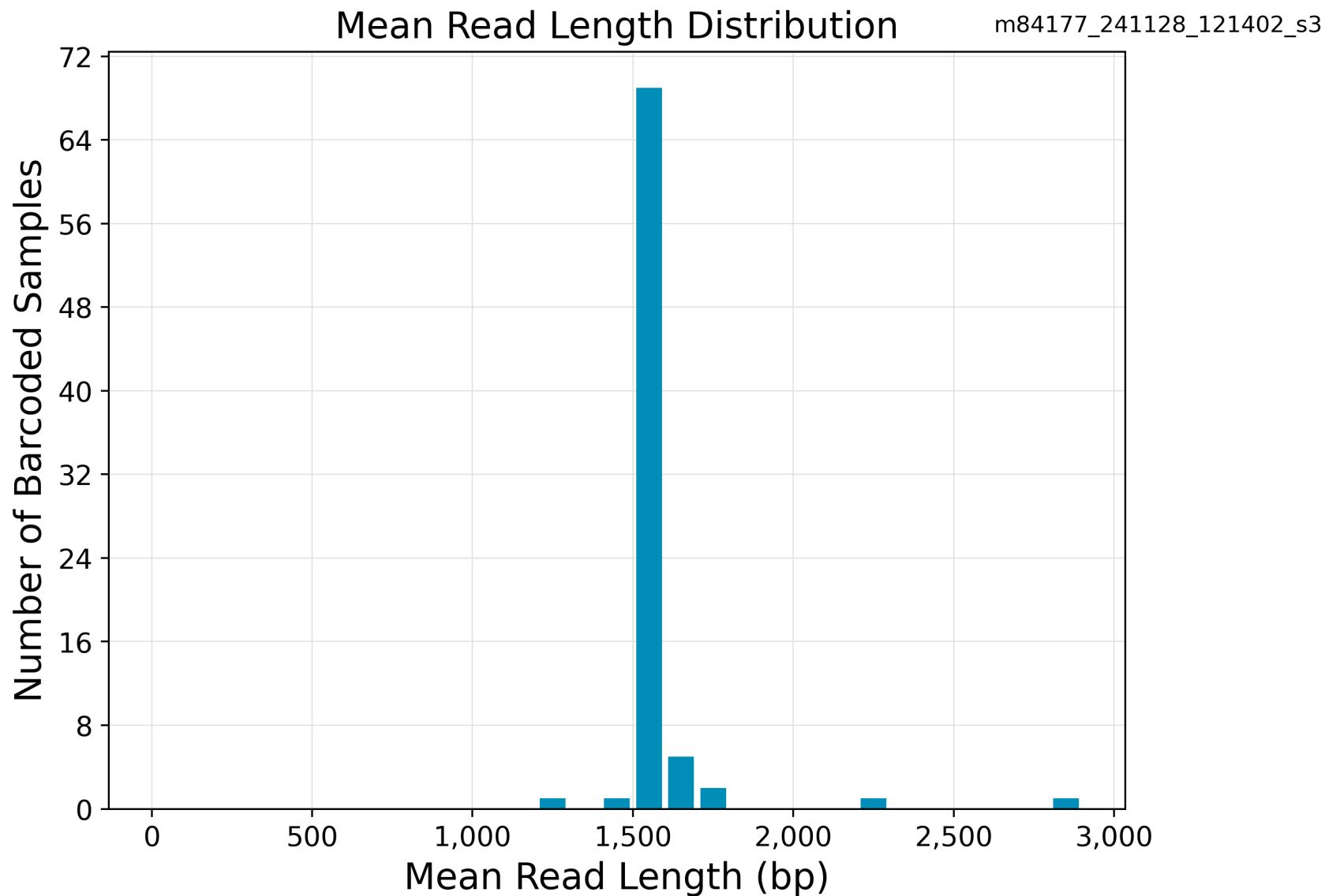
Barcode Frequency Distribution

Barcode Frequency Distribution

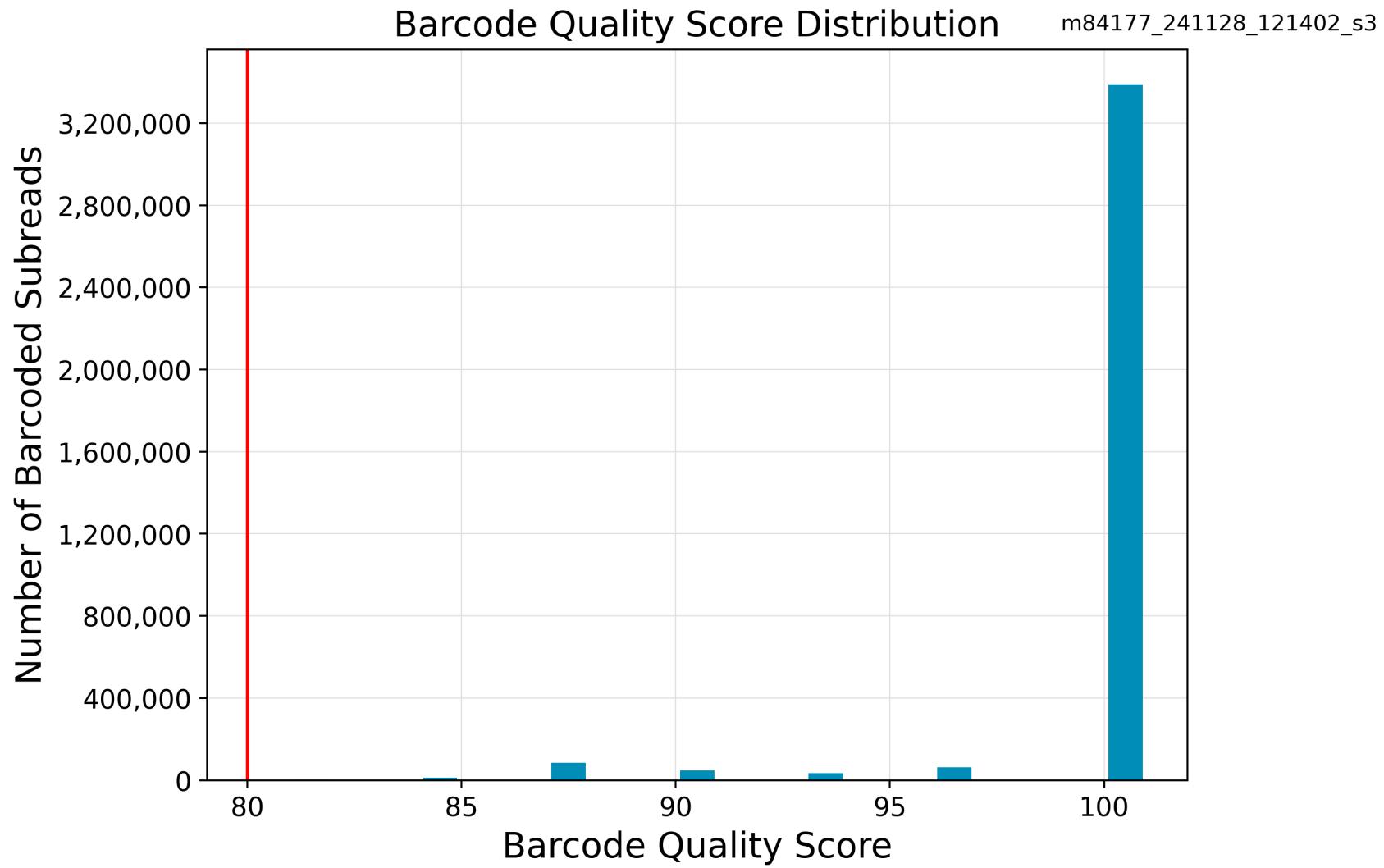
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Mean Read Length Distribution



Barcode Quality Score Distribution



No Sample Setup found

Instrument run(s)

Run 0d0c4407-b3ce-4767-9e4c-a3ae710de080

Summary

Name	241128 SONIC_0048
Status	COMPLETE
Created	2024-11-28 08:55:42.026
Started	2024-11-28 10:07:28.469
Completed	2024-11-29 20:31:03.444
Context	r84177_20241128_100608
Instrument Name	SONIC
Instrument Serial Number	84177
ICS Version	13.1.0.221972
Primary Analysis Version	13.1.0.221972
Chemistry Version	13.1.0.217683

Parent jobs (2)

Job 4589

Summary

Job Type	import-dataset
Name	import-dataset
Comments	Description for job Import PacBio DataSet
Created At	2024-11-29 22:50:09.536
SMRT Link Version	13.1.0.221970

Adapter Report

Summary

Adapter Dimers (0-10bp) %	0
Short Inserts (11-100bp) %	0
Local Base Rate	2.50

CCS Analysis Report

Summary

HiFi reads	9.3 M
HiFi reads yield	16.04 Gb
HiFi reads length (mean)	1.73 kb
HiFi reads length (median, bp)	1,569
HiFi Read Length N50 (bp)	1,569
HiFi Read Quality (median)	Q72
HiFi Read Quality (median)	72
Base Quality Q30 (%)	99.06%
HiFi Number of Passes (mean)	44

HiFi Read Length Summary

Read Length (kb)	Reads	Reads (%)	Yield (Gb)	Yield (%)
0	9275165	100	16.04 Gb	100
5,000	3748	0	0.02 Gb	0
10,000	3	0	0.00 Gb	0
15,000	0	0	0.00 Gb	0
20,000	0	0	0.00 Gb	0
25,000	0	0	0.00 Gb	0
30,000	0	0	0.00 Gb	0
35,000	0	0	0.00 Gb	0
40,000	0	0	0.00 Gb	0

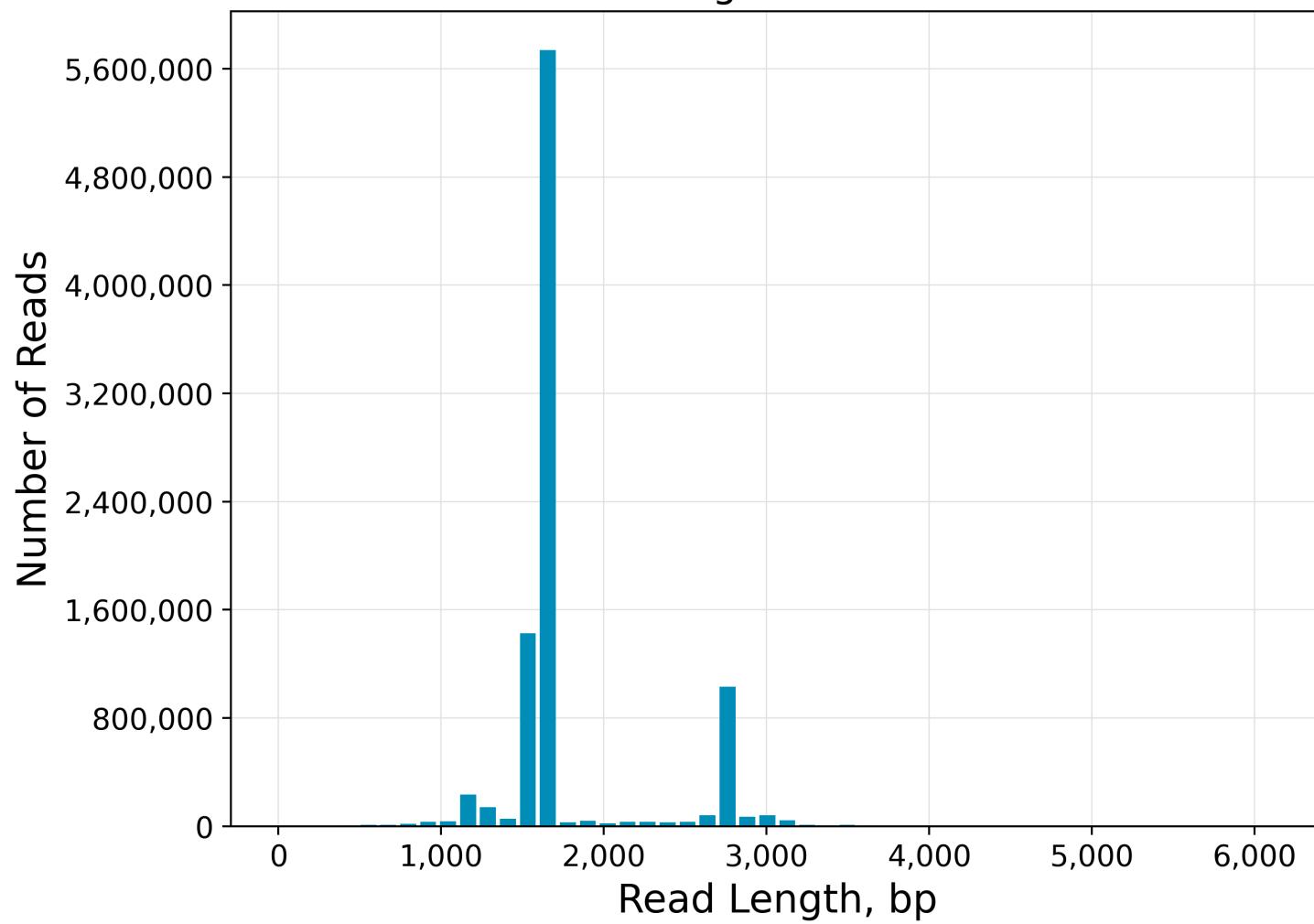
HiFi Read Quality Summary

Read Quality (Phred)	Reads	Reads (%)	Yield (Gb)	Yield (%)
Q20	9275165	100	16.04 Gb	100
Q30	8246329	89	14.28 Gb	89
Q40	6985395	75	12.08 Gb	75
Q50	5950513	64	10.19 Gb	64

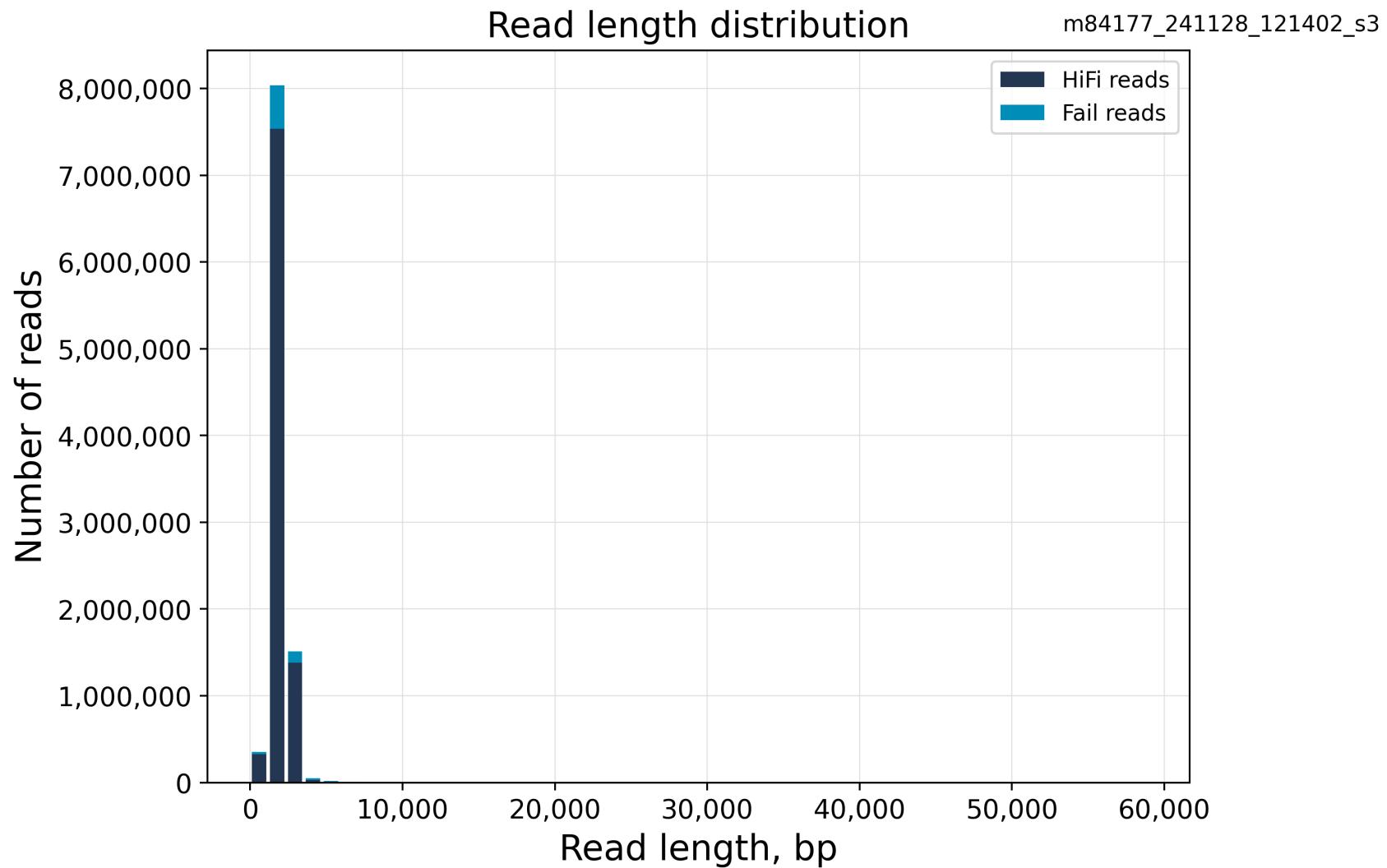
Read length distribution

Read length distribution

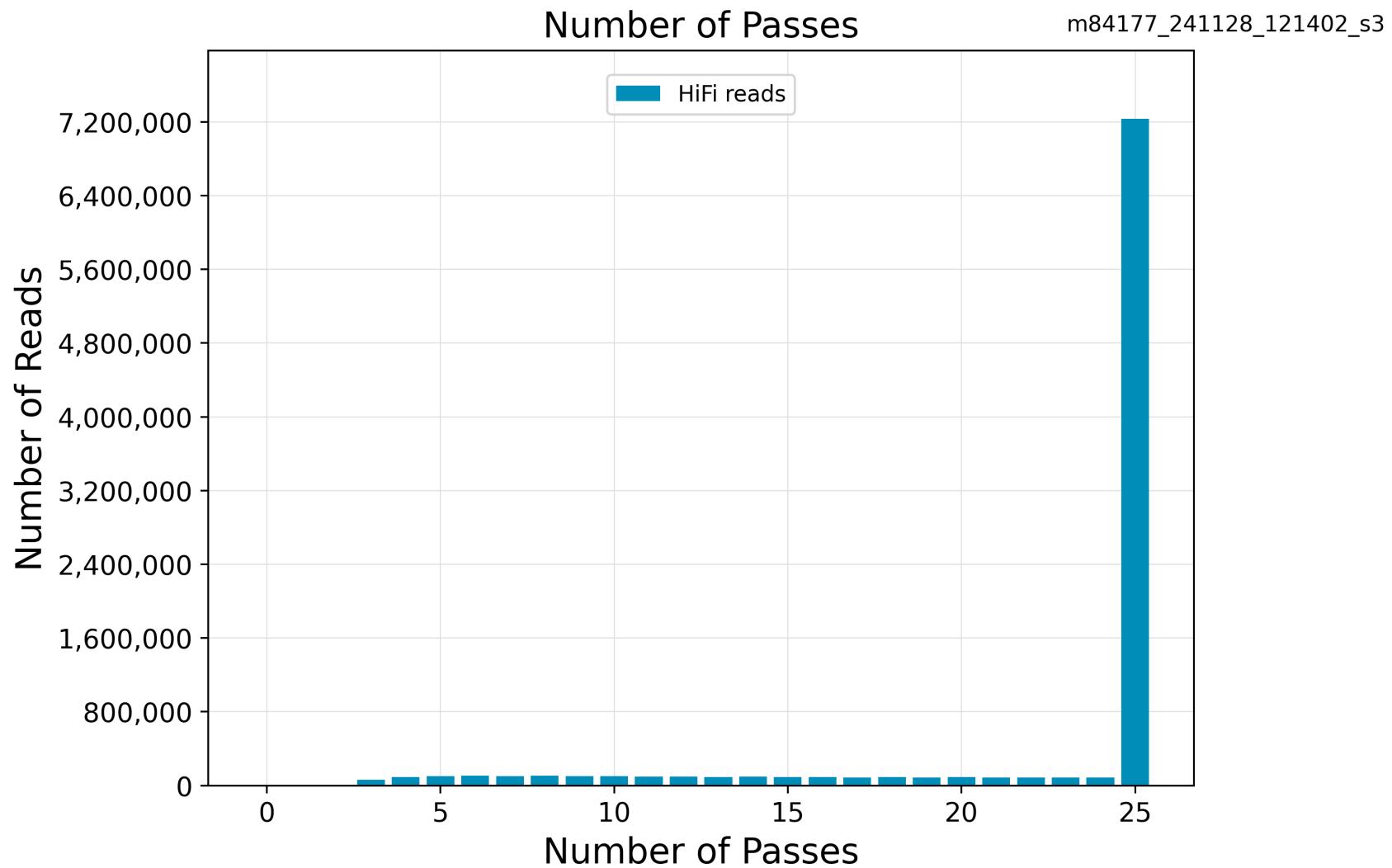
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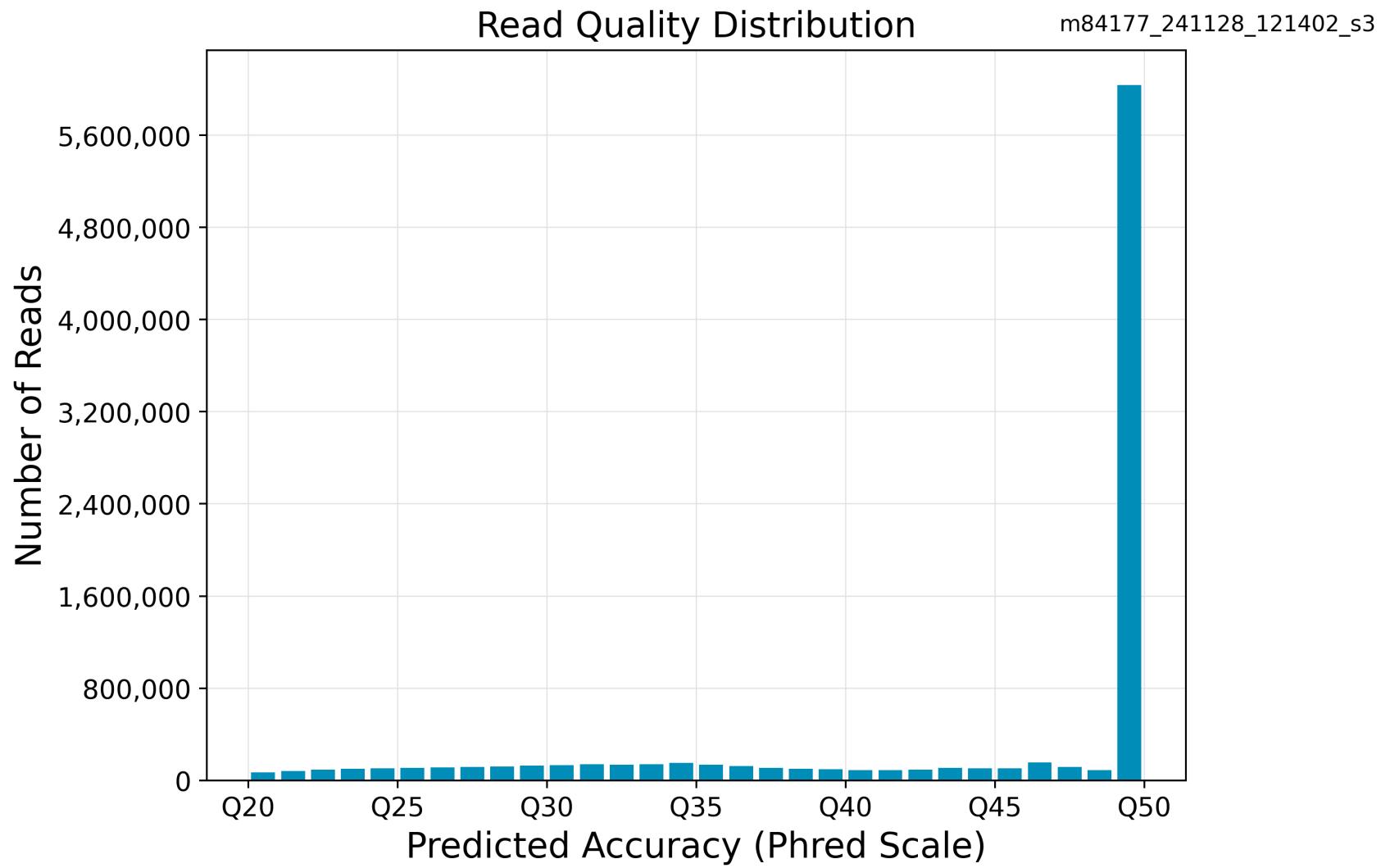
Read length distribution



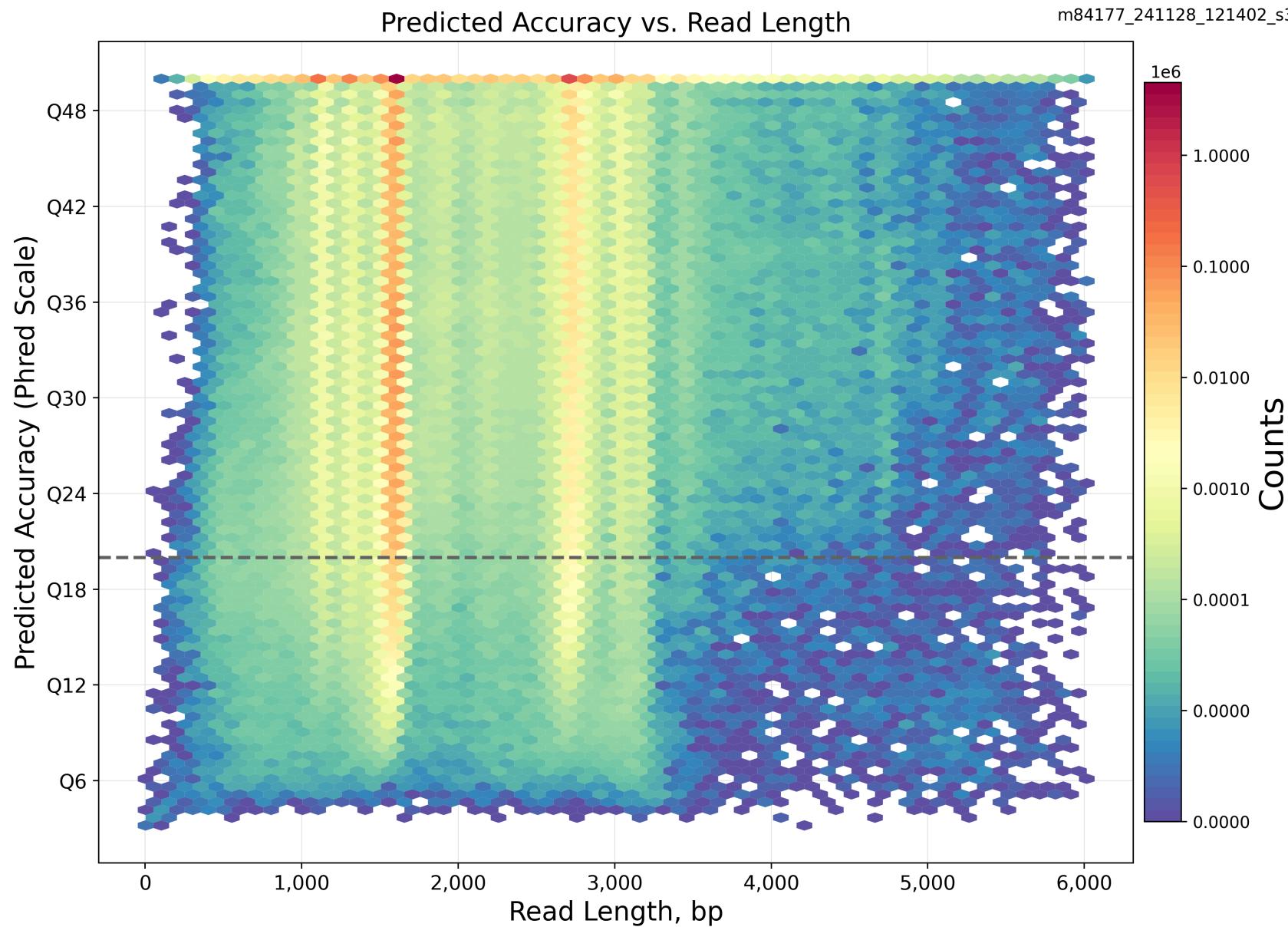
Number of Passes



Read Quality Distribution



Predicted Accuracy vs. Read Length



CCS Processing

Summary

ZMWs input	14,167,528
ZMWs pass filters	9,513,357
ZMWs fail filters	4,654,171
ZMWs shortcut filters	0
ZMWs with tandem repeats	24,541
Below SNR threshold	78,831
Median length filter	925,342
Lacking full passes	2,631,221
Heteroduplex insertions	0
Coverage drops	0
Insufficient draft cov	2
Draft too different	0
Draft generation error	61
Draft above --max-length	0
Draft below --min-length	0
Reads failed polishing	956
Empty coverage windows	2,042
CCS did not converge	0
CCS adapter concatenation	1
CCS adapter palindrome	60
CCS adapter residue	56
ZMW with full-length subread	1,014,563
ZMW with control failure	920
ZMW with control success	104
CCS below minimum RQ	0
Unknown error	0

ZMWs missing adapters	149,450
HiFi Reads	9,275,165
HiFi Yield (bp)	16,332,026,459
HiFi Read Length (mean, bp)	1,760
HiFi Read Length (median, bp)	1,601
HiFi Read Length N50 (bp)	1,601
HiFi Read Quality (median)	75
HiFi Number of Passes (mean)	44
<Q20 Reads	238,192
<Q20 Yield (bp)	425,711,248
<Q20 Read Length (mean, bp)	1,787
<Q20 Read Length (median, bp)	1,596
<Q20 Read Quality (median)	17
>=Q30 Reads	8,246,316
>=Q30 Yield (bp)	14,542,903,731
>=Q30 Read Length (mean, bp)	1,763
>=Q30 Read Length (median, bp)	1,601
>=Q30 Read Quality (median)	86
Base quality >=Q30 (bp)	16,178,323,995
Base quality >=Q30 (%)	99.10000000000001

Control Report

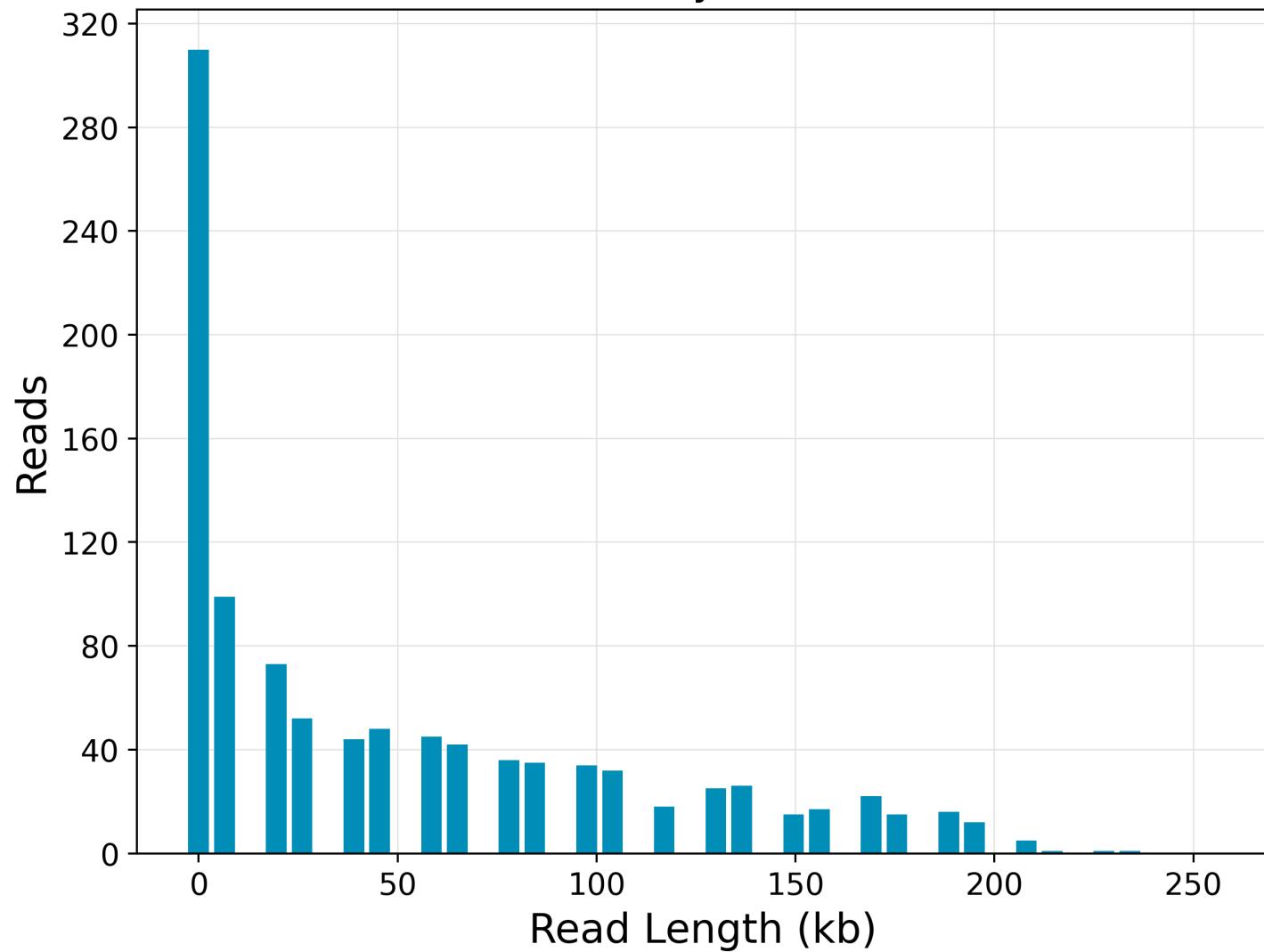
Summary

Number of Control Reads	1,024
Control Read Length Mean	53,520
Control Read Concordance Mean	0.91
Control Read Concordance Mode	0.93

Control Polymerase RL

Control Polymerase RL

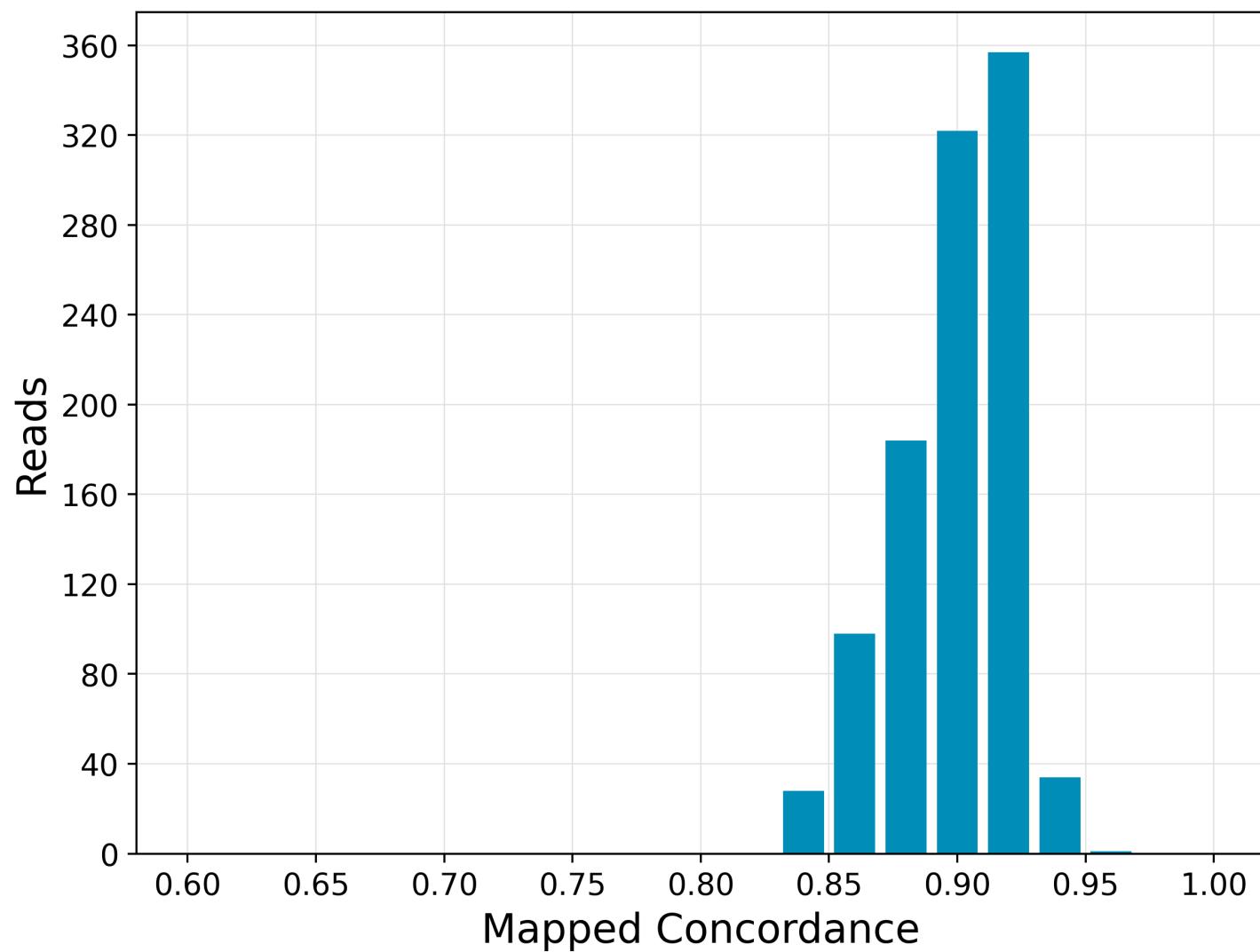
m84177_241128_121402_s3



Control Concordance

Control Concordance

m84177_241128_121402_s3



Loading Report

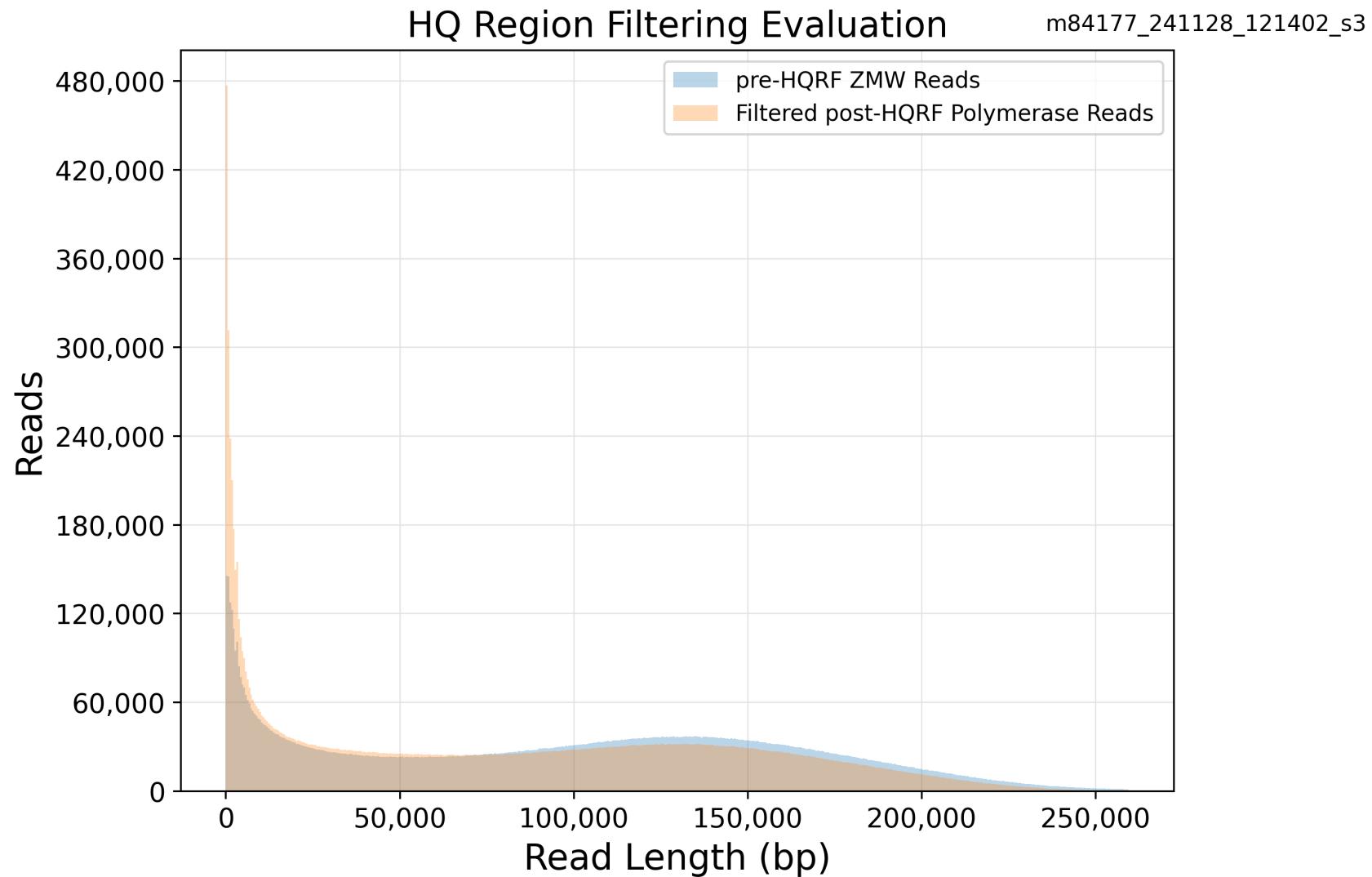
Summary

Productive ZMWs	25,165,824
Productivity 0	11,770,973
Productivity 1	13,314,353
Productivity 2	80,498

Loading Statistics

Collection Context	Total ZMWs	Productivity 0	P0 (%)	Productivity 1	P1 (%)	Productivity 2	P2 (%)	Loading type
m84177_241128_121402_s3	25165824	11770973	46.77	13314353	52.91	80498	0.32	Workflow_Kestrel.py

HQ Region Filtering Evaluation

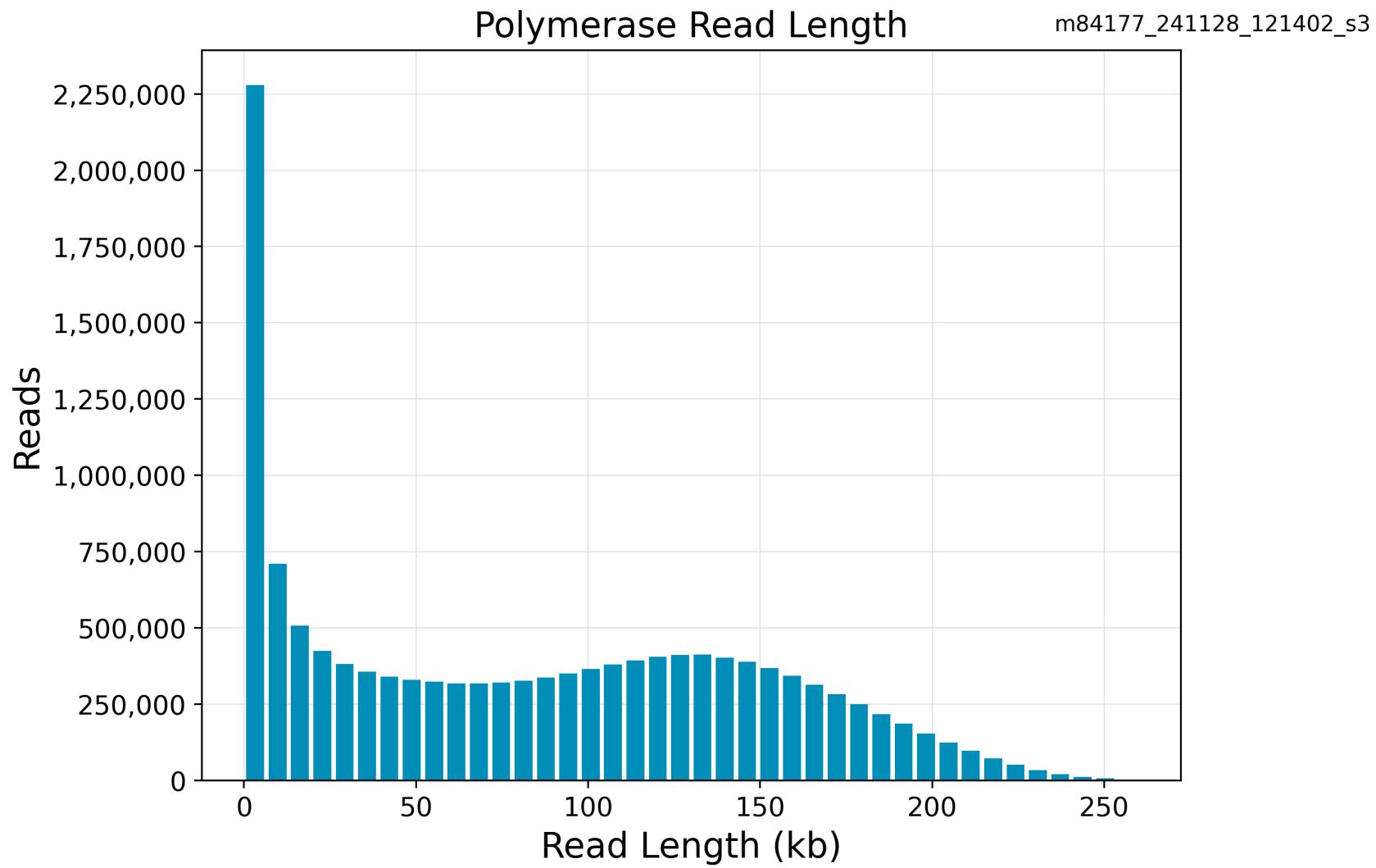


Raw Data Report

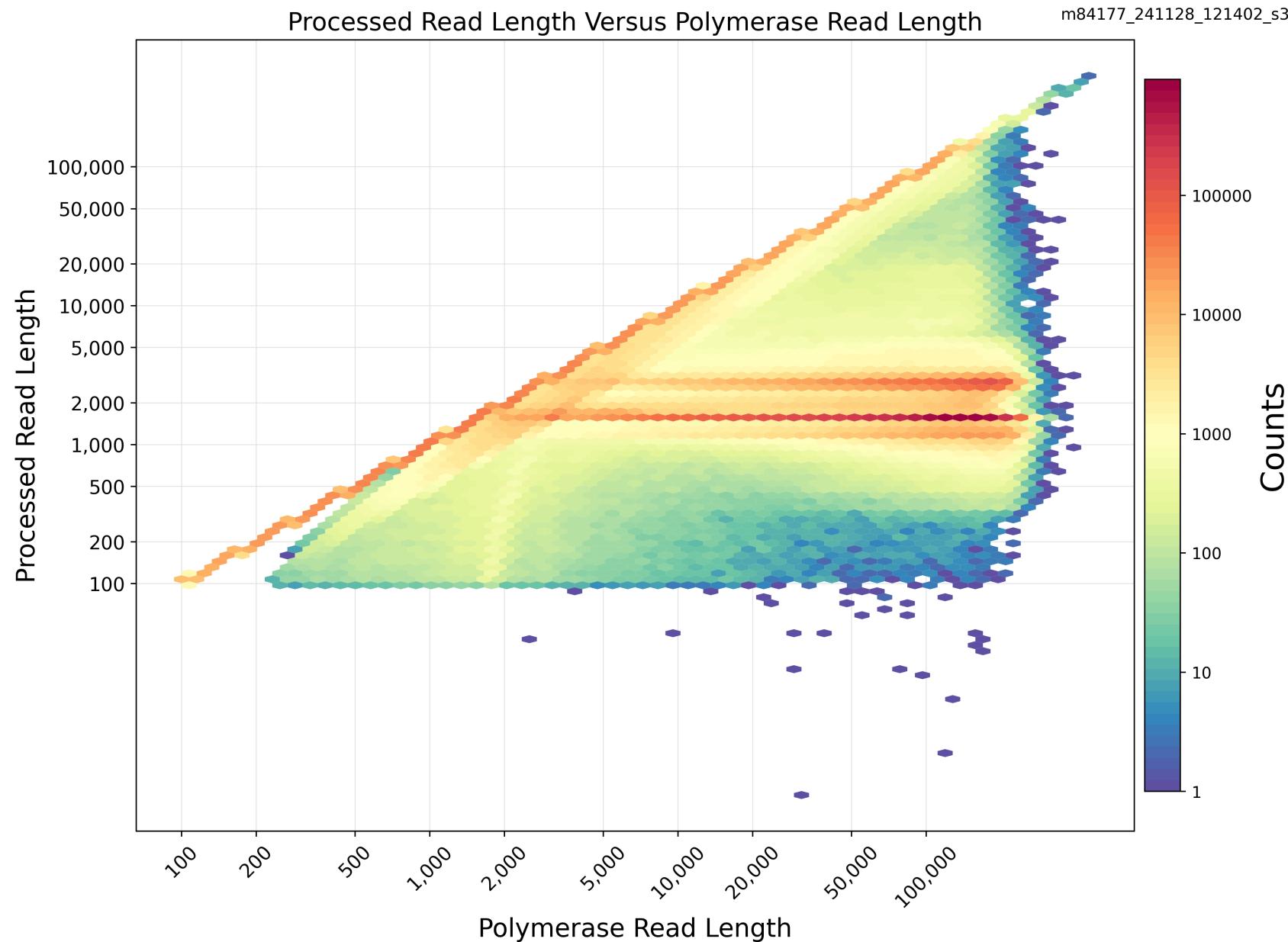
Summary

Polymerase Read Bases	1,087,023,993,520
Polymerase Reads	13,313,329
Polymerase Read Length (mean)	81.65 kb
Polymerase read length (N50)	138.25 kb
Polymerase read length longest subread length (mean)	7.10 kb
Polymerase read length longest subread length (N50)	22.75 kb
Unique Molecular Yield	50,691,870,720

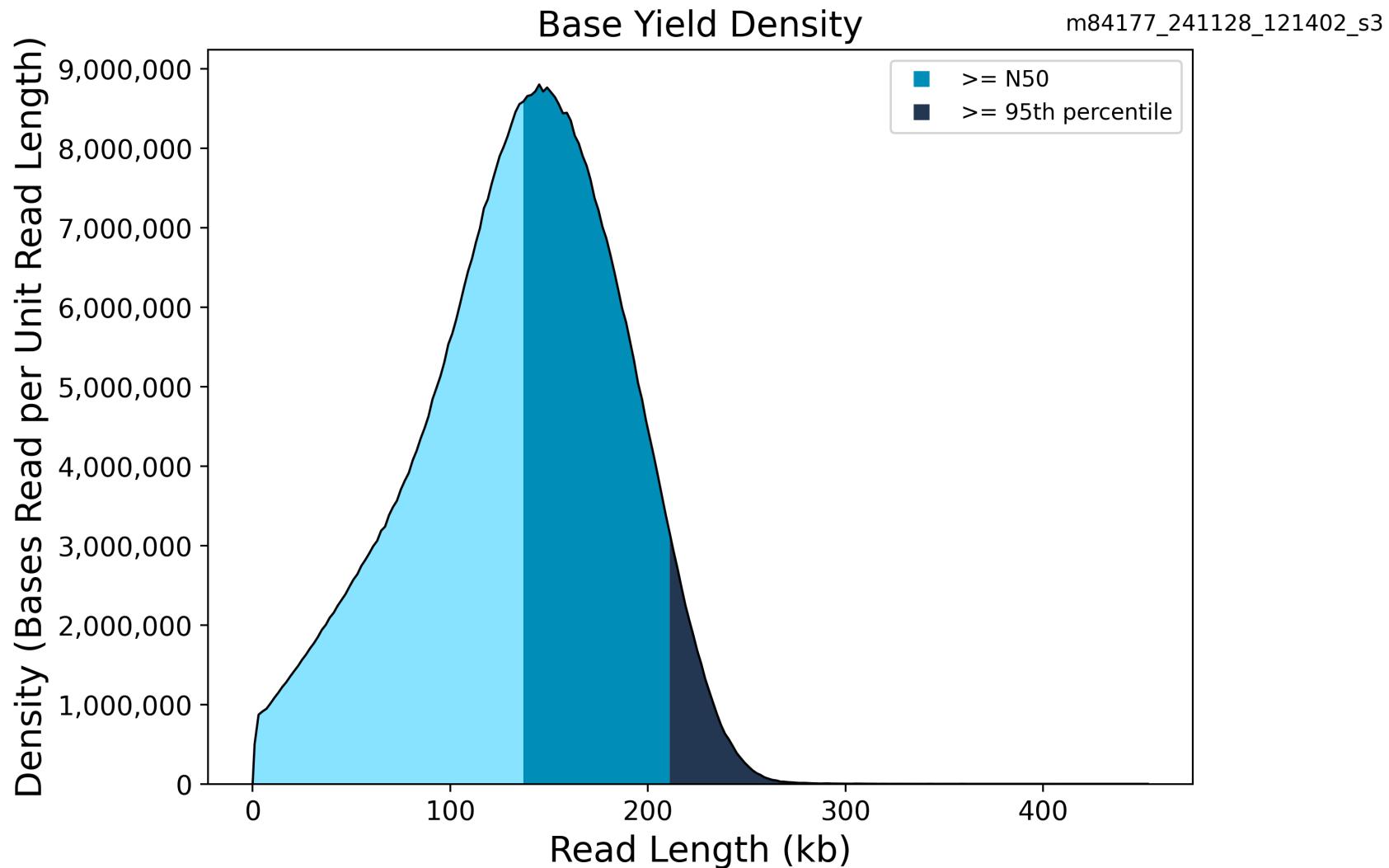
Polymerase Read Length



Longest Subread Length Versus Polymerase Read Length



Base Yield Density



Barcodes

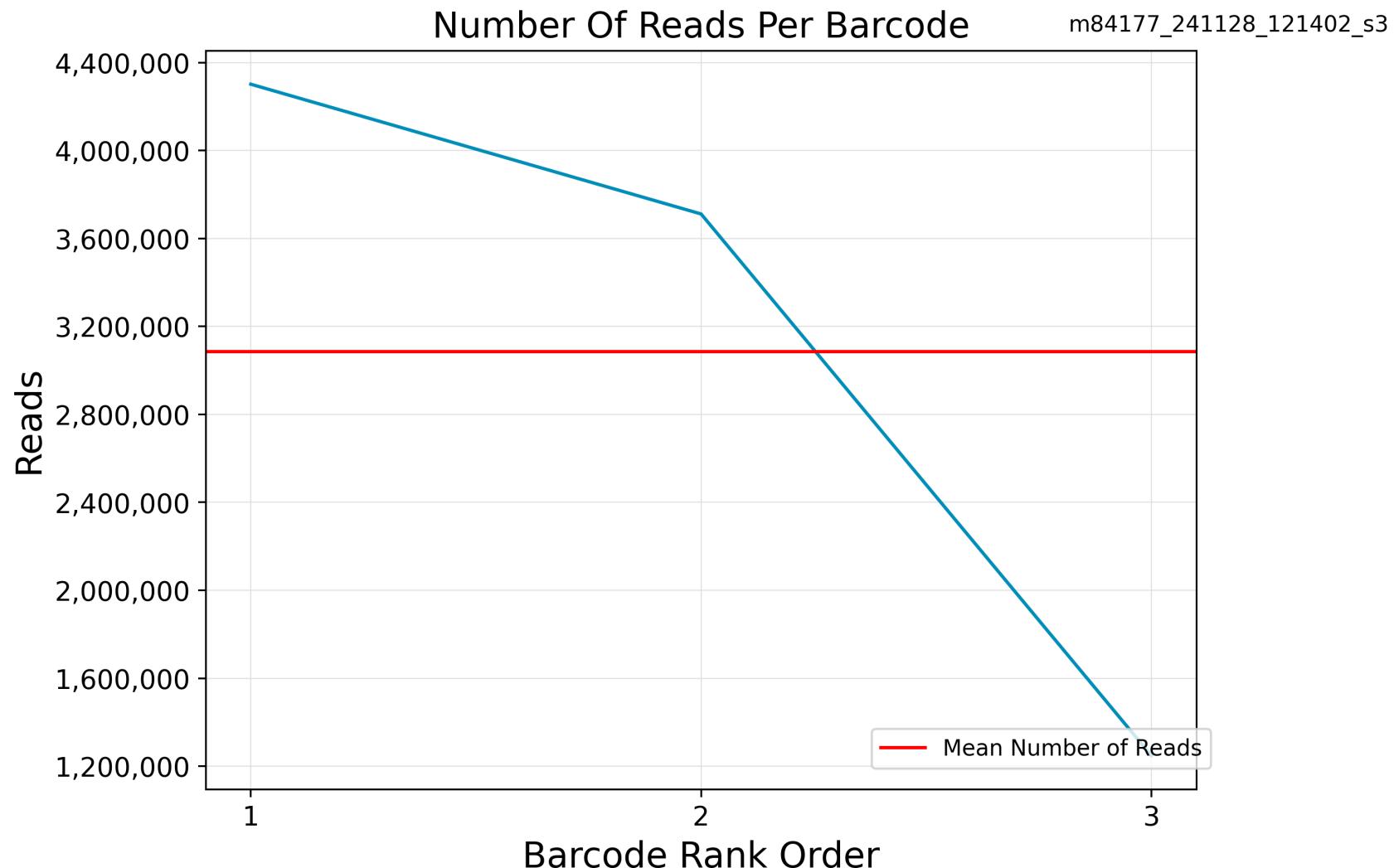
Summary

Unique Barcodes	3
Barcode HiFi Reads	9,261,059
Unbarcode HiFi Reads	14,106
Barcode HiFi Reads (%)	99.85 %
Barcode HiFi yield (Gb)	16.02 Gb
Unbarcode HiFi yield (Gb)	0.02 Gb
Barcode HiFi Yield (%)	99.85 %
Mean HiFi Reads per Barcode	3,087,019
Max. HiFi Reads per Barcode	4,301,624
Min. HiFi Reads per Barcode	1,247,941
Barcode HiFi read length (mean, kb)	1.73 kb
Unbarcode HiFi read length (mean, kb)	1.73 kb

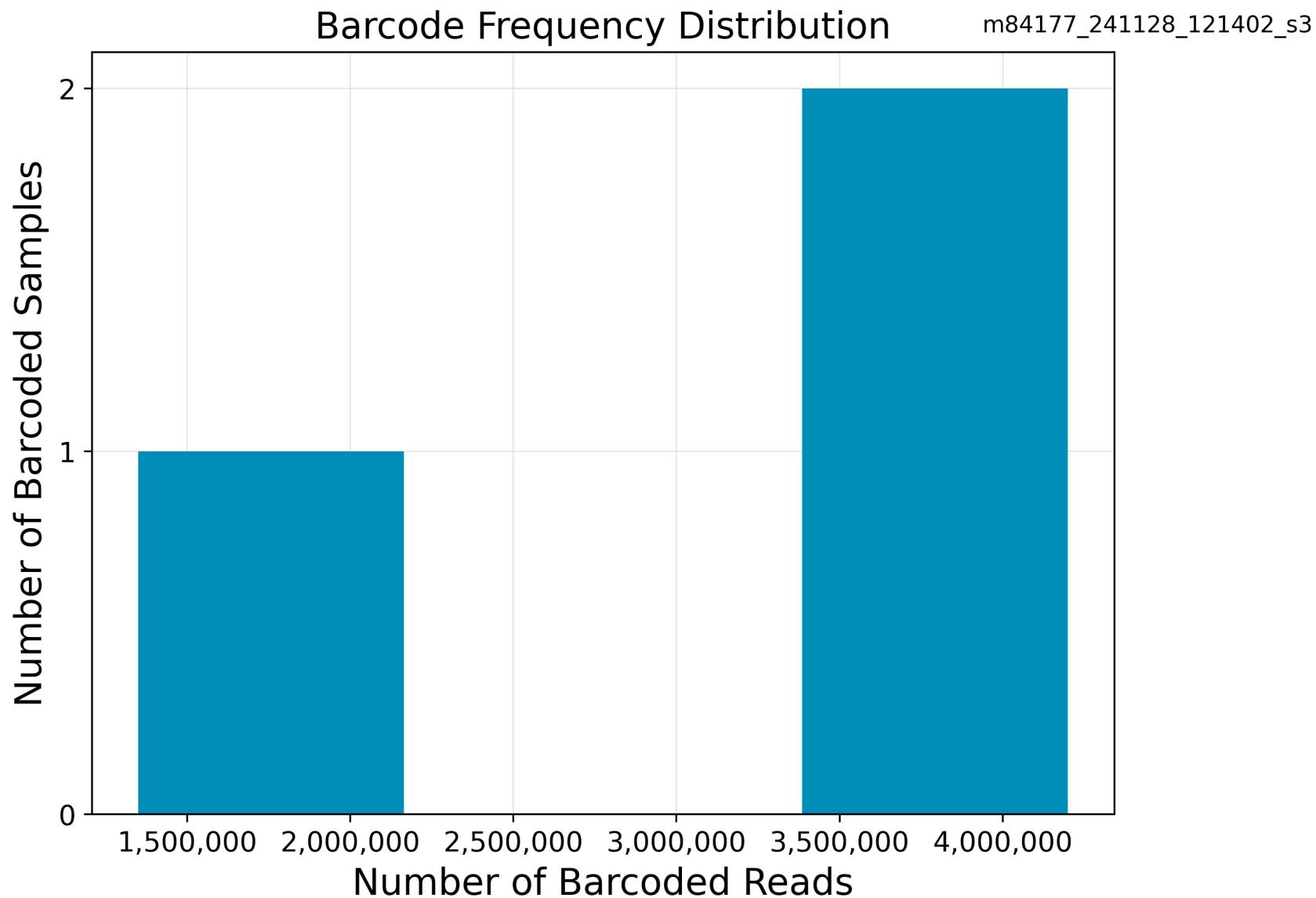
Barcode Data

Sample Name	Barcode	Barcode Quality	HiFi Reads	HiFi Read Length (mean, bp)	HiFi Read Quality (median, QV)	HiFi Yield (bp)	Polymerase Read Length (mean, bp)
AP_16S_PI1	bc2247--bc2247	97.9	4301624	1565	Q60	6734876210	107423
AP_16S_PI2	bc2248--bc2248	98.2	3711494	1591	Q67	5907707513	108019
Ponza1_4_bis	bc2249--bc2249	97.8	1247941	2703	Q64	3374063458	117817
No Name	Not Barcoded	0.0	14106	1733	Q29	24447953	80745

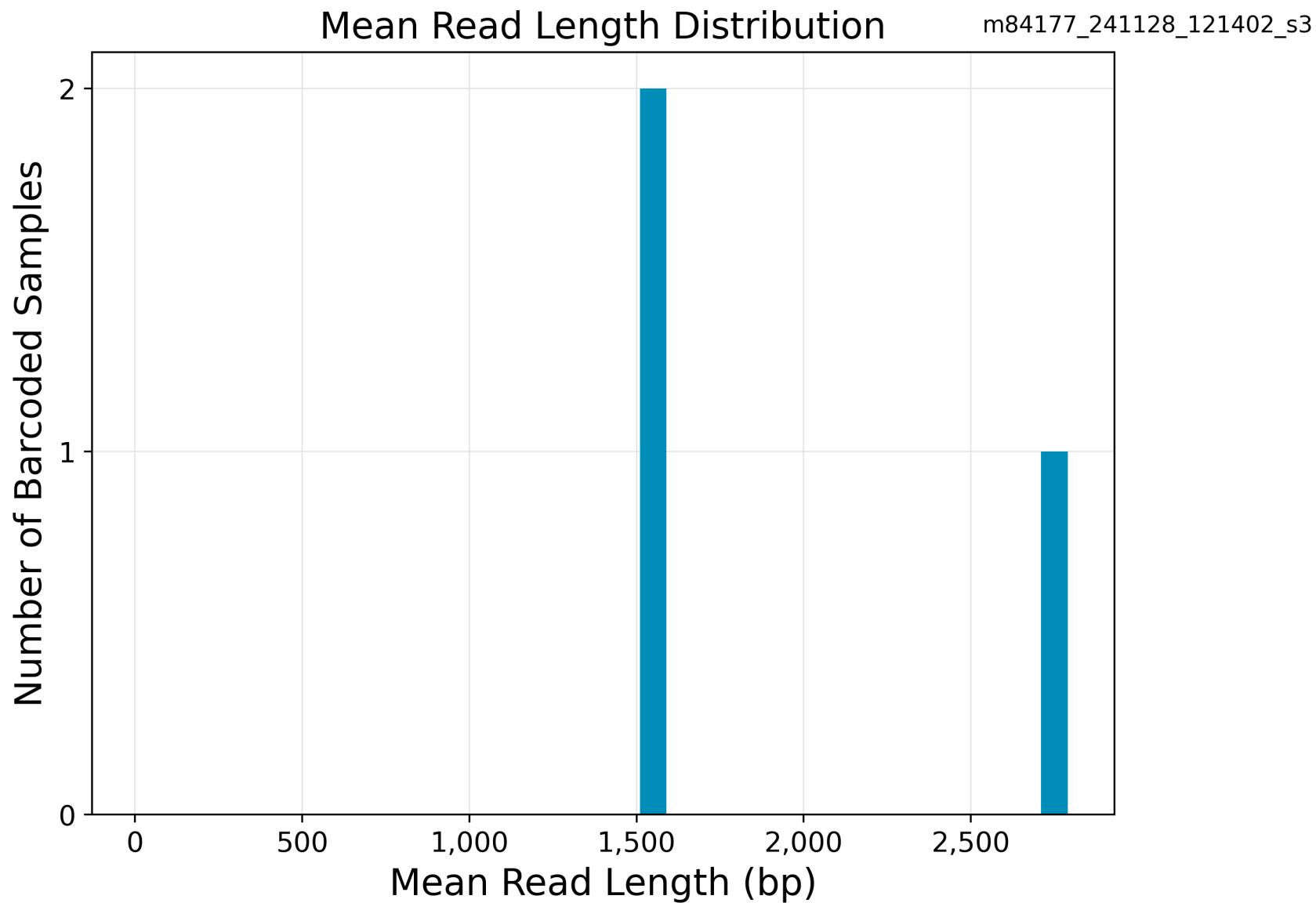
Number Of Reads Per Barcode



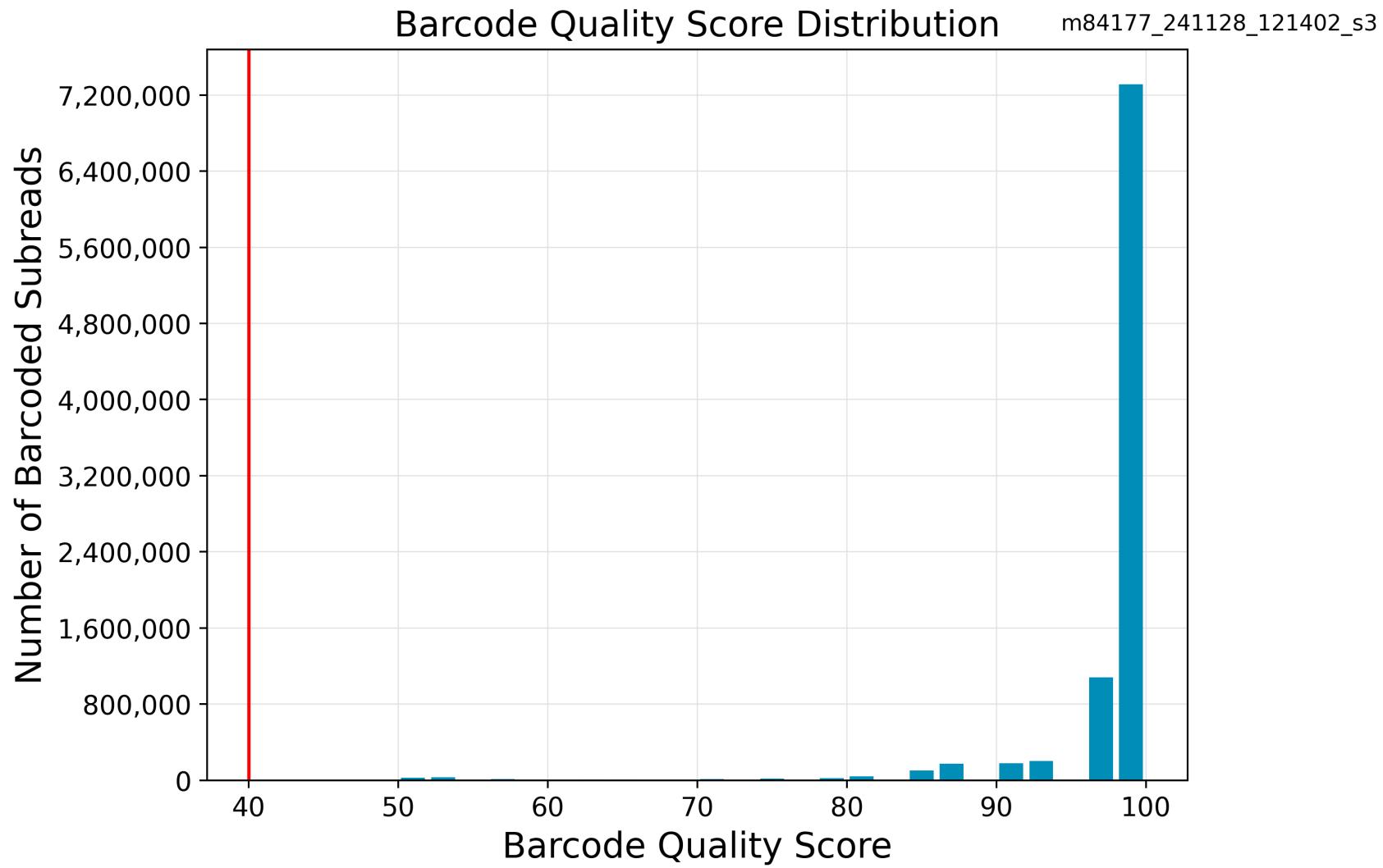
Barcode Frequency Distribution



Mean Read Length Distribution



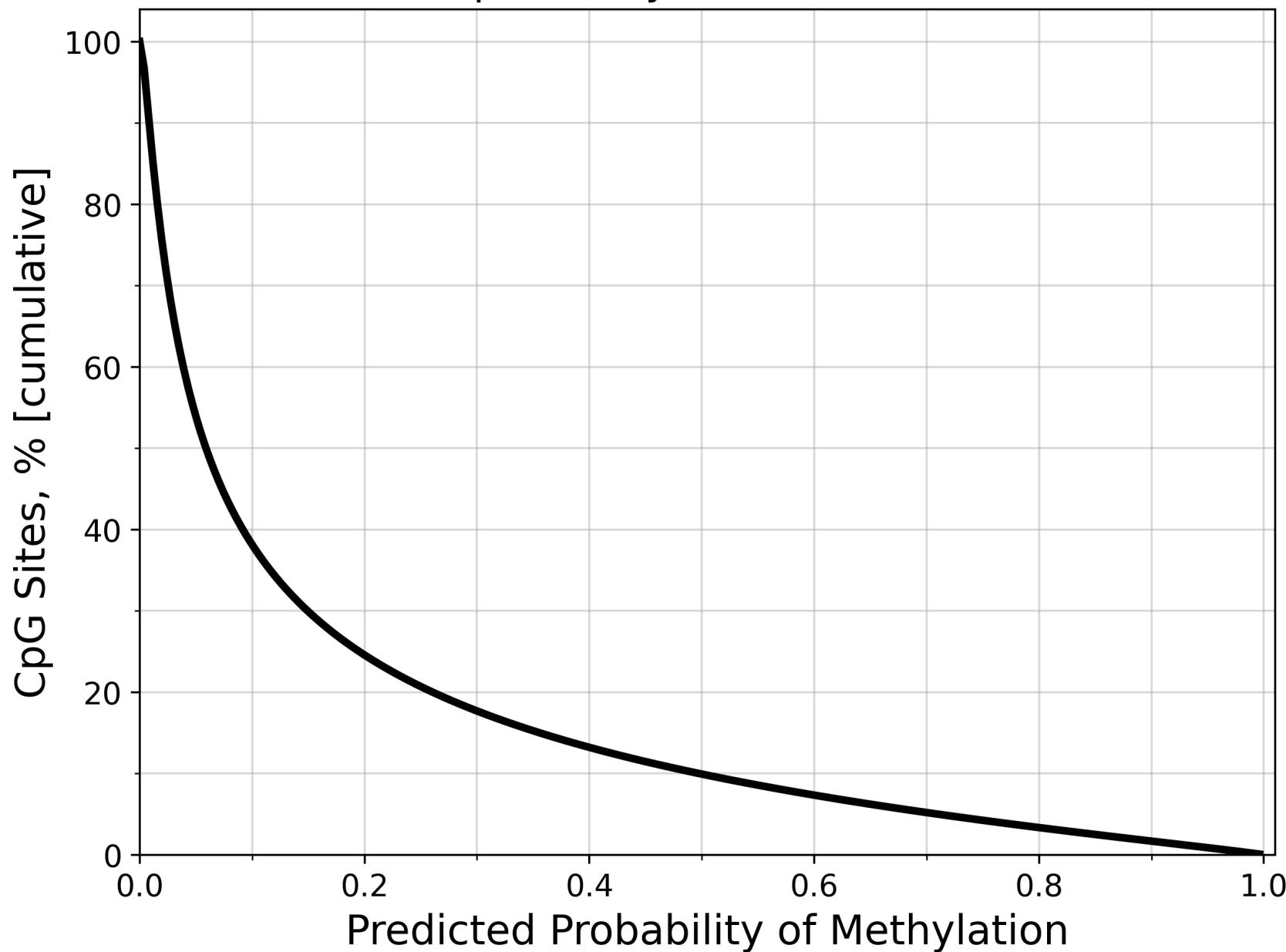
Barcode Quality Score Distribution



5mC CpG Report

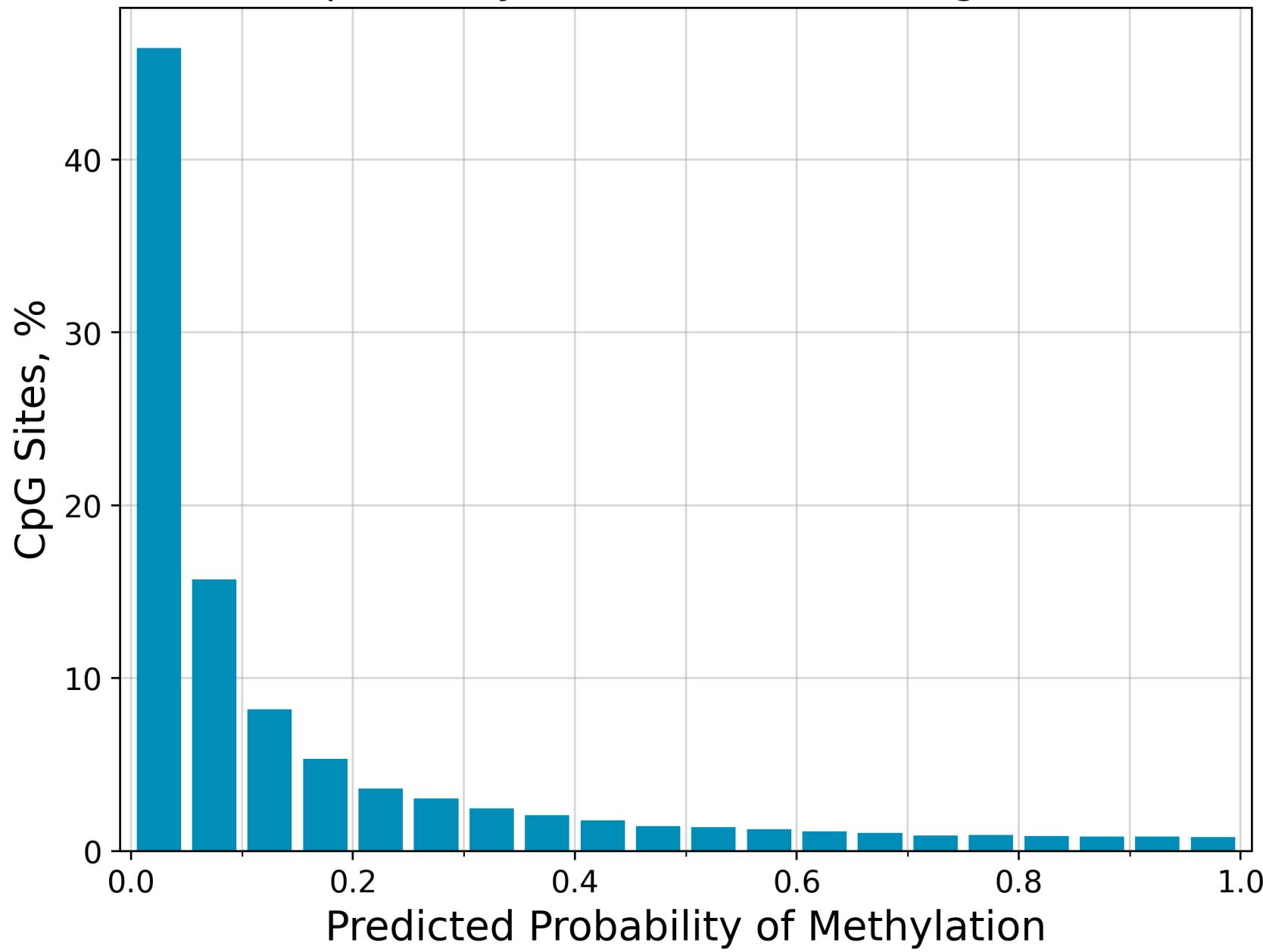
CpG Methylation in Reads

CpG Methylation in Reads



CpG Methylation in Reads (Histogram)

CpG Methylation in Reads (Histogram)



Job 4592

Summary

Job Type	analysis
Pipeline	cromwell.workflows.pb_demux_ccs
Name	Engel 16S_PI1 DEMUX
Comments	Description for job Run Analysis Application
Created At	2024-12-02 08:33:36.015
SMRT Link Version	13.1.0.221970

Other inputs

File Type	Name	Dataset ID	Number of Records
BarcodeSet	Sequel_16S_barcodes_96	ee89d658-4212-3ac6-83e4-c2c3d9f39775	20
ConsensusReadSet	AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1)	bcac8904-c1f9-479e-8cd1-630c2555bdf8	4,301,624

Output files

File name	Size	Type
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-3_6)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-4_1)	33,788	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-4_2)	33,788	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_4)	33,797	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-3_4)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_4)	33,793	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_10)	33,802	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_7)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-3_10)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_7)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-1_5)	33,791	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-5_2)	33,780	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_9)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (eb-1)	33,787	ConsensusReadSet

AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-4_8)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_10)	33,799	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_1)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_8)	33,789	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-1_9)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_6)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-4_9)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-3_3)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-5_5)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-1_3)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_9)	33,799	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_2)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_5)	33,792	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_9)	33,789	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-0_9)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-4_5)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-1_4)	33,797	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_1)	33,800	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_5)	33,797	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-0_8)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-0_4)	33,792	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-2_5)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-5_9)	33,795	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_3)	33,794	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-7_7)	33,800	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-6_1)	33,796	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-0_5)	33,787	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-3_2)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (1-5_8)	33,798	ConsensusReadSet
AP_16S_PI1_2_Cornejo-Cell2 (AP_16S_PI1) (demux) (all samples)	202,934	ConsensusReadSet
m84177_241128_121402_s3.hifi_reads.bc1022--bc1056.hifi_reads.fastq.gz	89,885,396	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1044.hifi_reads.fastq.gz	3,266,883	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1045.hifi_reads.fastq.gz	47,795,883	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1054.hifi_reads.fastq.gz	39,035,064	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1044.hifi_reads.fastq.gz	1,157,895	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1057.hifi_reads.fastq.gz	31,446,297	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1054.hifi_reads.fastq.gz	8,864,105	Fastq

m84177_241128_121402_s3.hifi_reads.bc1024--bc1035.hifi_reads.fastq.gz	7,780,782	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1059.hifi_reads.fastq.gz	5,668,972	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1033.hifi_reads.fastq.gz	820,116	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1060.hifi_reads.fastq.gz	72,108,189	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1033.hifi_reads.fastq.gz	5,895,103	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1044.hifi_reads.fastq.gz	6,788,940	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1062.hifi_reads.fastq.gz	6,119,287	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1059.hifi_reads.fastq.gz	10,799,369	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1060.hifi_reads.fastq.gz	39,640,554	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1044.hifi_reads.fastq.gz	5,783,046	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1060.hifi_reads.fastq.gz	7,406,447	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1060.hifi_reads.fastq.gz	1,563,109	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1057.hifi_reads.fastq.gz	27,736,057	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1059.hifi_reads.fastq.gz	94,656,330	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1033.hifi_reads.fastq.gz	4,197,439	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1057.hifi_reads.fastq.gz	20,133,273	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1045.hifi_reads.fastq.gz	38,222,929	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1062.hifi_reads.fastq.gz	71,283,792	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1056.hifi_reads.fastq.gz	142,516	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1056.hifi_reads.fastq.gz	9,488,325	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1044.hifi_reads.fastq.gz	178,095,610	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1060.hifi_reads.fastq.gz	2,940,193	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1054.hifi_reads.fastq.gz	440,430	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1044.hifi_reads.fastq.gz	53,217,093	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1044.hifi_reads.fastq.gz	122,144,805	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1035.hifi_reads.fastq.gz	134,067,163	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1056.hifi_reads.fastq.gz	4,263,519	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1045.hifi_reads.fastq.gz	55,634,415	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1054.hifi_reads.fastq.gz	5,041,653	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1059.hifi_reads.fastq.gz	8,393,458	Fastq
All Barcodes (FASTQ)	1,612,613,210	tgz
m84177_241128_121402_s3.hifi_reads.bc1005--bc1062.hifi_reads.fastq.gz	36,919	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1062.hifi_reads.fastq.gz	4,531,127	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1060.hifi_reads.fastq.gz	2,373,146	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1045.hifi_reads.fastq.gz	23,571,427	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1057.hifi_reads.fastq.gz	28,938,576	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1035.hifi_reads.fastq.gz	2,158,773	Fastq

m84177_241128_121402_s3.hifi_reads.bc1008--bc1054.hifi_reads.fastq.gz	26,940,652	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1062.hifi_reads.fastq.gz	4,827,749	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1056.hifi_reads.fastq.gz	28,353,097	Fastq
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m84177_241128_121402_s3.hifi_reads.bc1005--bc1057.hifi_reads.fastq.gz	1,708,599	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1035.hifi_reads.fastq.gz	5,316,299	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1044.hifi_reads.fastq.gz	8,781,417	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1054.hifi_reads.fastq.gz	10,424,193	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1035.hifi_reads.fastq.gz	2,683,352	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1060.hifi_reads.fastq.gz	3,866,186	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1060.hifi_reads.fastq.gz	5,777,811	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1059.hifi_reads.fastq.gz	5,566,893	Fastq
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m84177_241128_121402_s3.hifi_reads.bc1012--bc1045.hifi_reads.fastq.gz	81,777,918	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1033.hifi_reads.fastq.gz	8,995,584	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1056.hifi_reads.fastq.gz	151,277,738	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1045.hifi_reads.fastq.gz	6,298,095	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1056.hifi_reads.fastq.gz	8,741,812	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1057.hifi_reads.fastq.gz	13,419,364	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1057.hifi_reads.fastq.gz	43,103,367	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1045.hifi_reads.fastq.gz	309,074	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1045.hifi_reads.fastq.gz	10,267,590	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1054.hifi_reads.fastq.gz	22,842,504	Fastq
m84177_241128_121402_s3.hifi_reads.bc1015--bc1062.hifi_reads.fastq.gz	3,647,543	Fastq
m84177_241128_121402_s3.hifi_reads.bc1012--bc1033.hifi_reads.fastq.gz	5,041,113	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1033.hifi_reads.fastq.gz	7,827,854	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1033.hifi_reads.fastq.gz	2,862,181	Fastq
m84177_241128_121402_s3.hifi_reads.bc1022--bc1057.hifi_reads.fastq.gz	19,245,505	Fastq
m84177_241128_121402_s3.hifi_reads.bc1020--bc1062.hifi_reads.fastq.gz	2,323,743	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1033.hifi_reads.fastq.gz	13,160,746	Fastq
m84177_241128_121402_s3.hifi_reads.bc1024--bc1059.hifi_reads.fastq.gz	5,641,223	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1035.hifi_reads.fastq.gz	6,109,159	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1056.hifi_reads.fastq.gz	66,554,339	Fastq
m84177_241128_121402_s3.hifi_reads.bc1007--bc1035.hifi_reads.fastq.gz	8,289,928	Fastq
m84177_241128_121402_s3.hifi_reads.bc1005--bc1059.hifi_reads.fastq.gz	423,054	Fastq
m84177_241128_121402_s3.hifi_reads.bc1008--bc1059.hifi_reads.fastq.gz	18,220,274	Fastq

User-Input Barcoded Samples	1,705	csv
Unbarcoded Reads	304,659,202	bam
Barcode Summary CSV	5,180	csv
m84177_241128_121402_s3.hifi_reads.lima.summary	898	unknown
m84177_241128_121402_s3.hifi_reads.lima.guess	3,955	unknown
ccs_demultiplexed_outputs.datastore.json	117,373	Datastore
per_barcode_reports.datastore.json	57,087	Datastore
Analysis Log	17,382	log
Engel_16S_Plate1_demux.csv	1,705	csv
SMRT Link Log	23,748	log

No child jobs found