

Report for dataset XB HEART-Cell1

Dataset 56f3dd85-0abb-4416-87ac-02bdde499a60

Summary

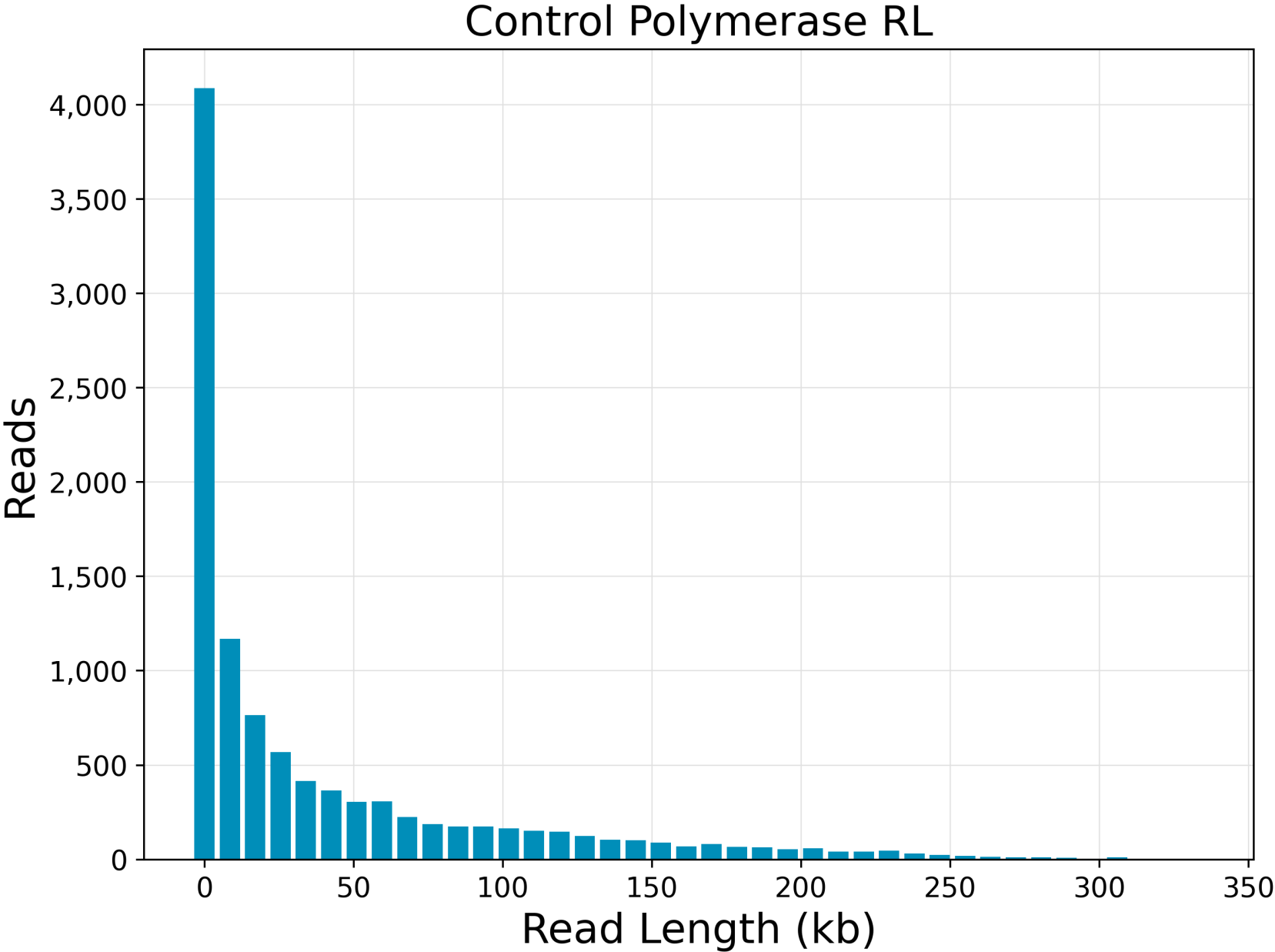
Name	XB HEART-Cell1
Created At	2021-08-27 23:23:21.616
Number of Records	34700903
Total Length	454638497377
Movie ID	m64044_210828_002800
ICS Version	10.1.0.119549
Well Sample	XB HEART
Biological Sample	XB HEART

Control Report

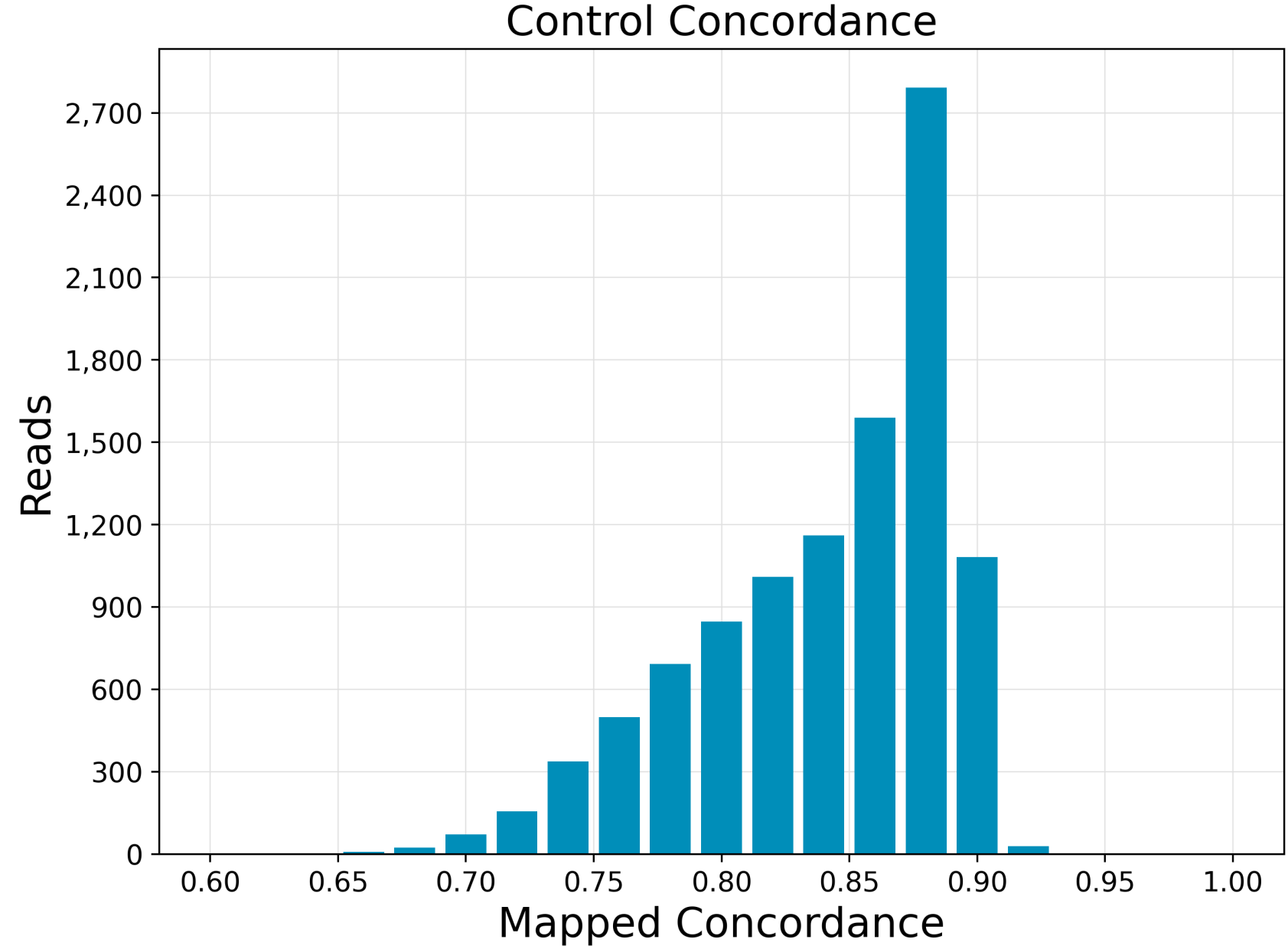
Summary

Number of Control Reads	10,297
Control Read Length Mean	43,148
Control Read Concordance Mean	0.85
Control Read Concordance Mode	0.89

Control Polymerase RL



Control Concordance



Adapter Report

Summary

Adapter Dimers (0-10bp) %	0
Short Inserts (11-100bp) %	0.02
Local Base Rate	2.75

Loading Report

Summary

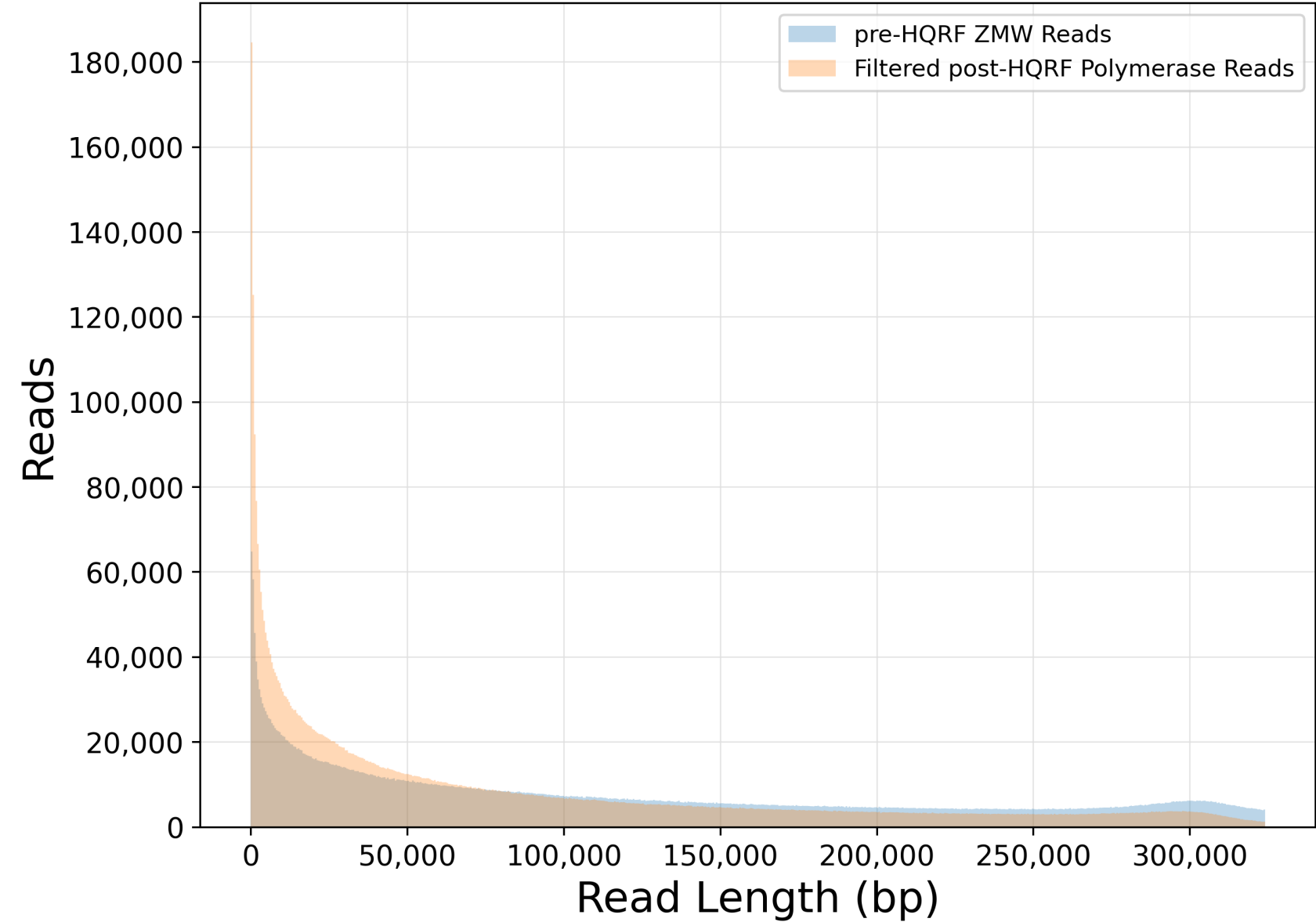
Productive ZMWs	8,004,374
Productivity 0	2,463,868
Productivity 1	5,399,943
Productivity 2	150,860

Loading Statistics

Collection Context	Productive ZMWs	Productivity 0	(%)	Productivity 1	(%)	Productivity 2	(%)	Loading type
m64044_210828_002800	8004374	2463868	30.74	5399943	67.38	150860	1.88	Diffusion

HQ Region Filtering Evaluation

HQ Region Filtering Evaluation

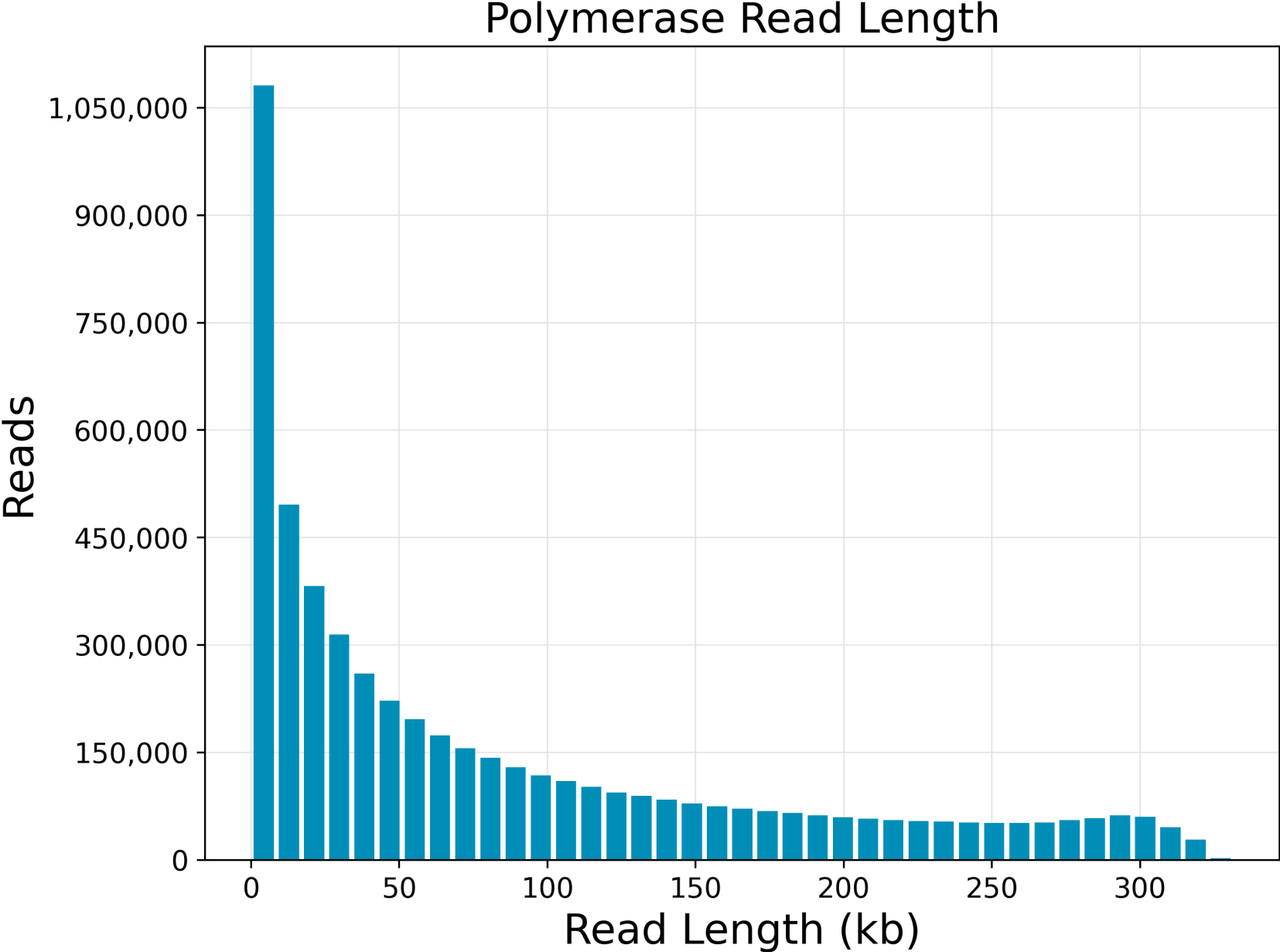


Raw Data Report

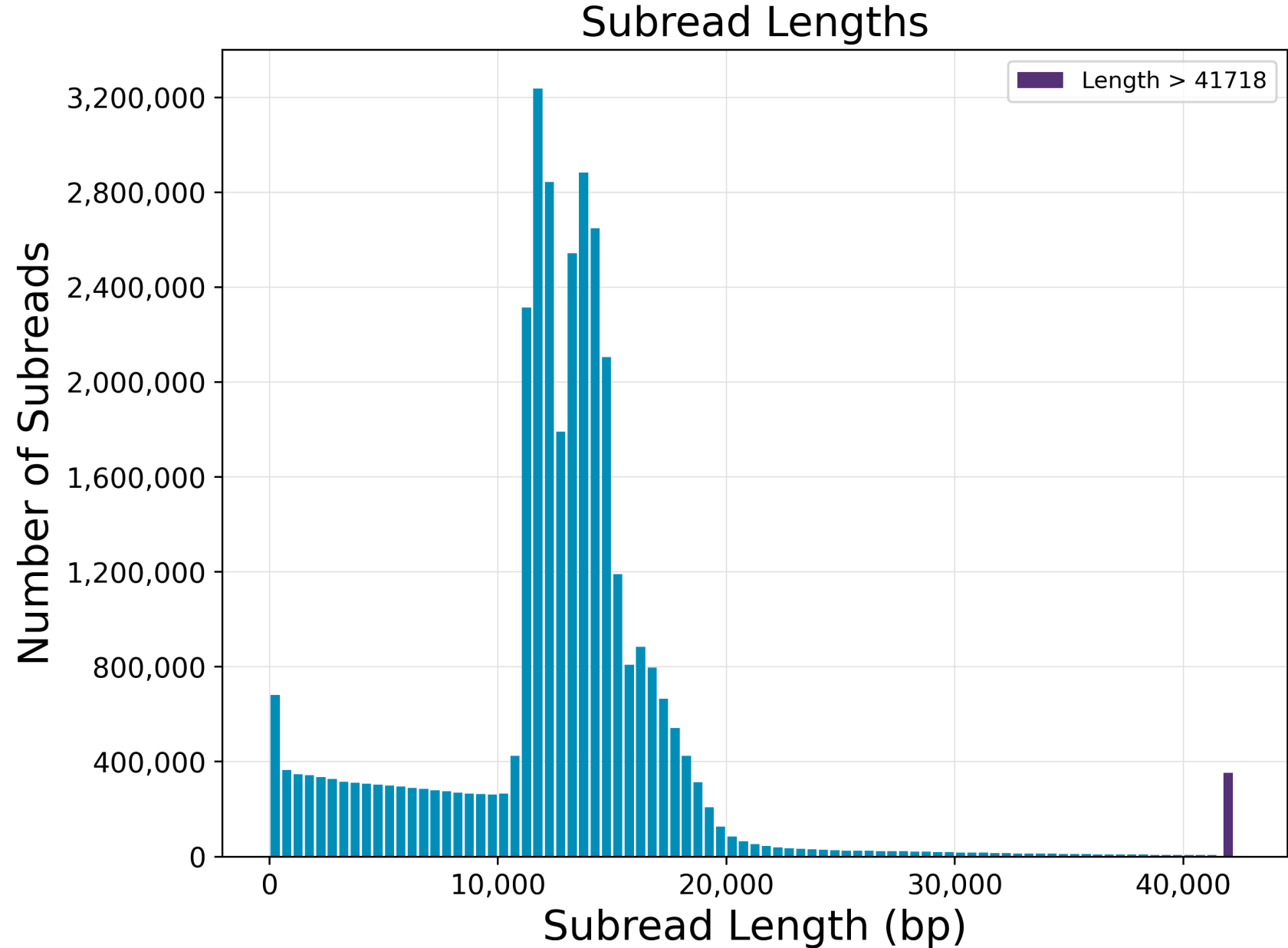
Summary

Polymerase Read Bases	456,031,147,476
Polymerase Reads	5,389,596
Polymerase Read Length (mean)	84,613
Polymerase Read N50	183,750
Subread Length (mean)	13,101
Subread N50	13,951
Longest Subread Length (mean)	18,127
Longest Subread N50	19,512
Unique Molecular Yield	86,546,800,640

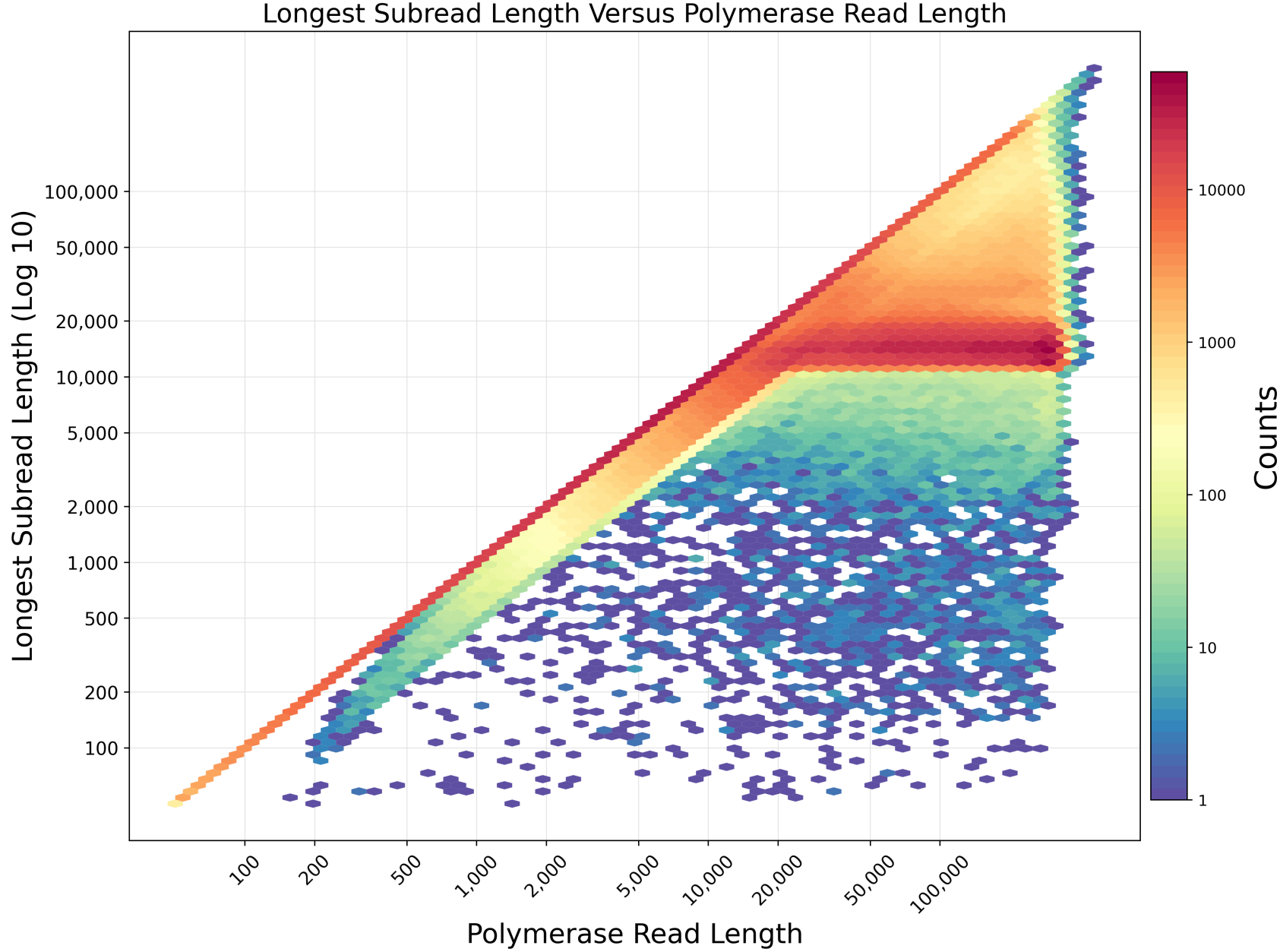
Polymerase Read Length



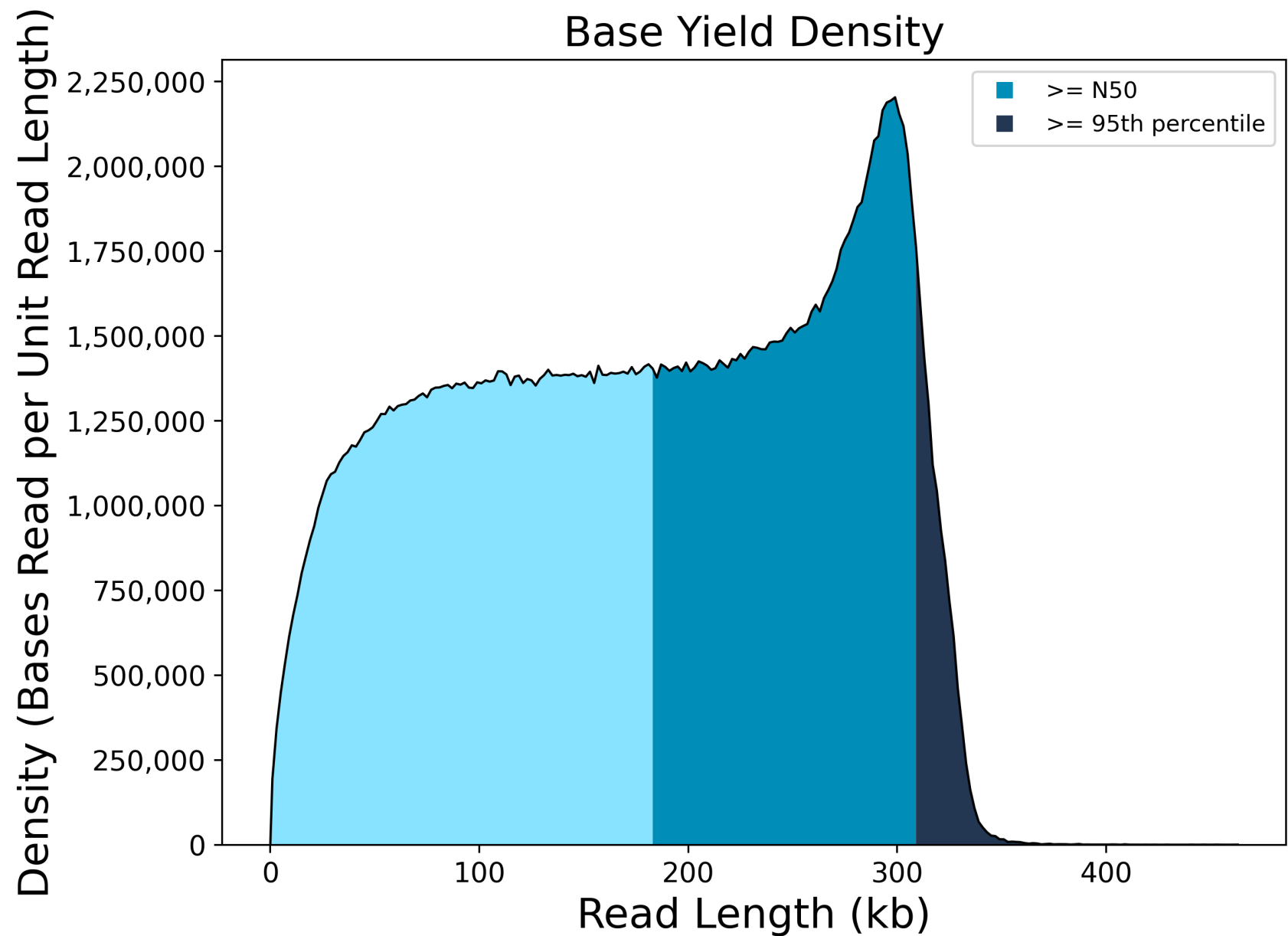
Subread Length



Longest Subread Length Versus Polymerase Read Length



Base Yield Density



No Sample Setup found

Instrument run(s)

Run 433fa2ee-d344-4eff-b6fd-212d8d018e5a

Summary

Name	Run 08.27.2021 16:21
Status	COMPLETE
Created	2021-08-27 23:23:21.616
Started	2021-08-28 00:14:48.462
Completed	2021-09-01 06:18:49.264
Context	r64044_20210827_232503
Instrument Name	64044
Instrument Serial Number	64044
ICS Version	10.1.0.119549
Primary Analysis Version	10.1.0.119549
Chemistry Version	10.1.0.119528

Parent jobs (1)

Job 164

Summary

Job Type	import-dataset
Pipeline	cromwell.workflows.sl_import_subreads
Name	import-dataset
Comments	Description for job Import PacBio DataSet
Created At	2021-08-31 04:40:22.462
SMRT Link Version	10.1.0.119588

No child jobs found