Report for dataset PB420_DeltaSmelt-Male2_HiFi_titr-Cell4

Dataset f96870f5-5a75-436d-8c68-6169f6daf94b

Summary

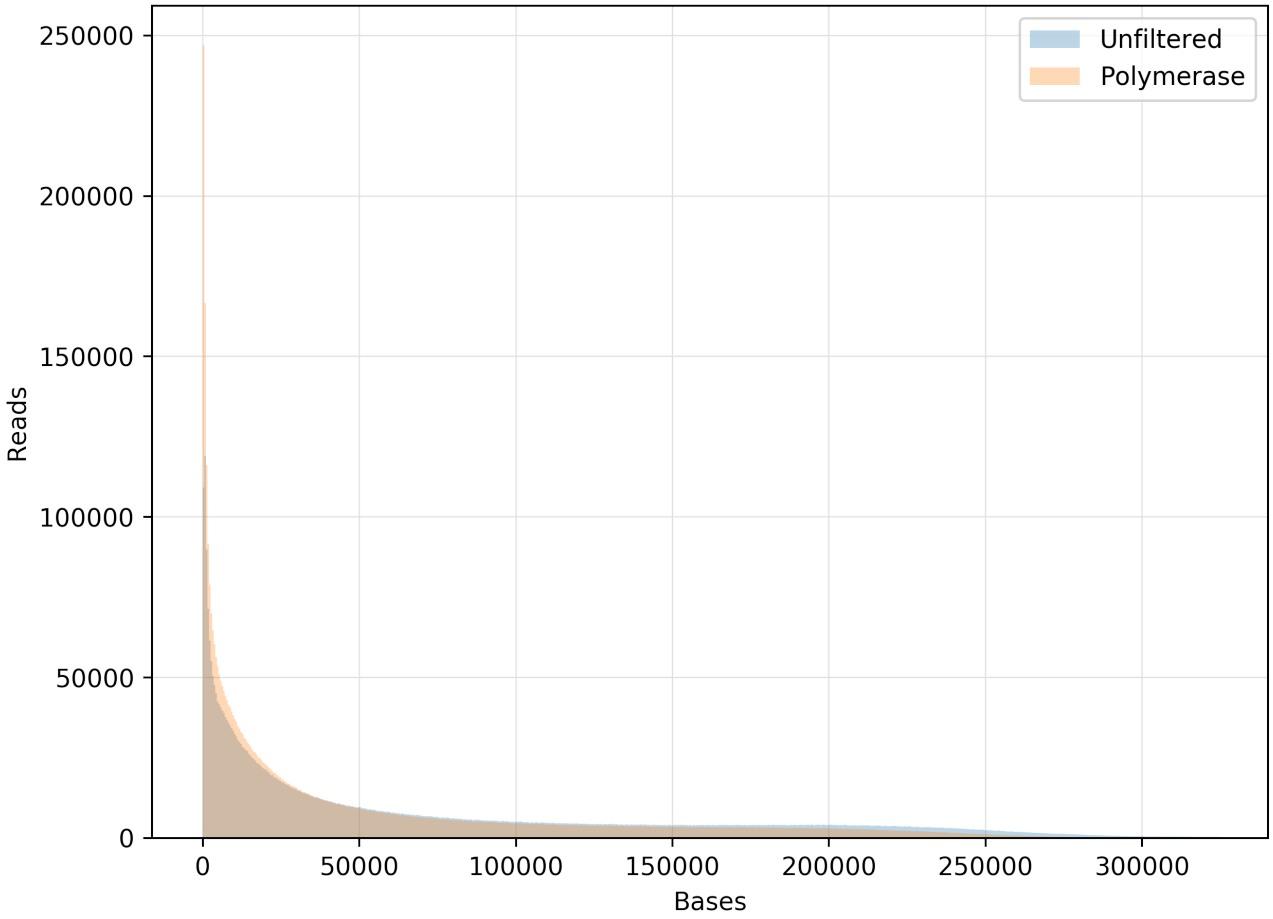
Name	PB420_DeltaSmelt-Male2_HiFi_titr-Cell4
Created At	2020-02-07 16:59:29.179
Number of Records	37461565
Total Length	245708364888
Movie ID	m64069_200211_020731
ICS Version	8.0.0.78867
Well Sample	PB420_DeltaSmelt-Male2_HiFi_titr
Biological Sample	unknown

Loading Report

Loading Statistics

Collection Context	Productive ZMWs	Productivity 0	(%)	Productivity 1	(%)	Productivity 2	(%)	L
m64069_200211_020731	8005918	3005071	37.54	4500408	56.21	509192	6.36	I

Loading Evaluation

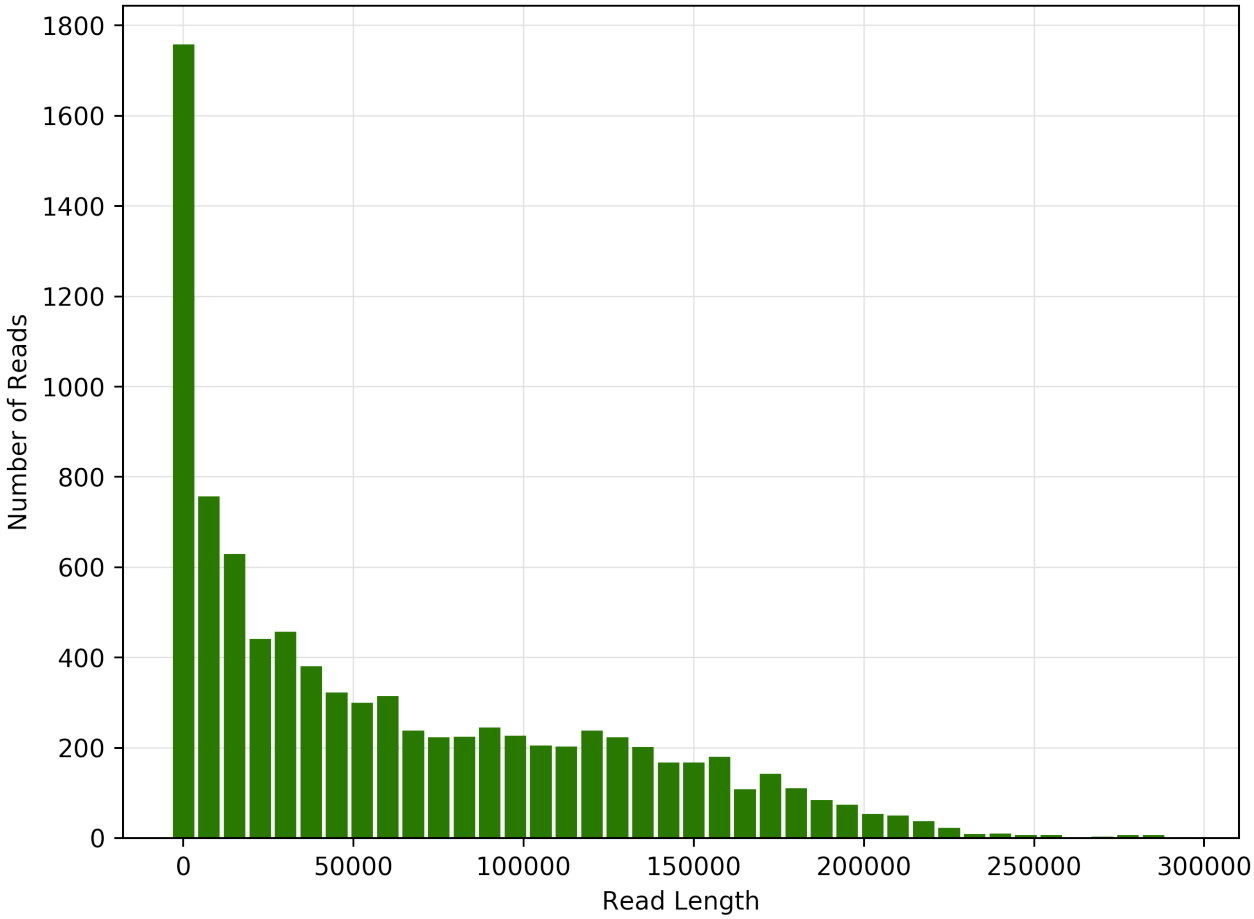


Control Report

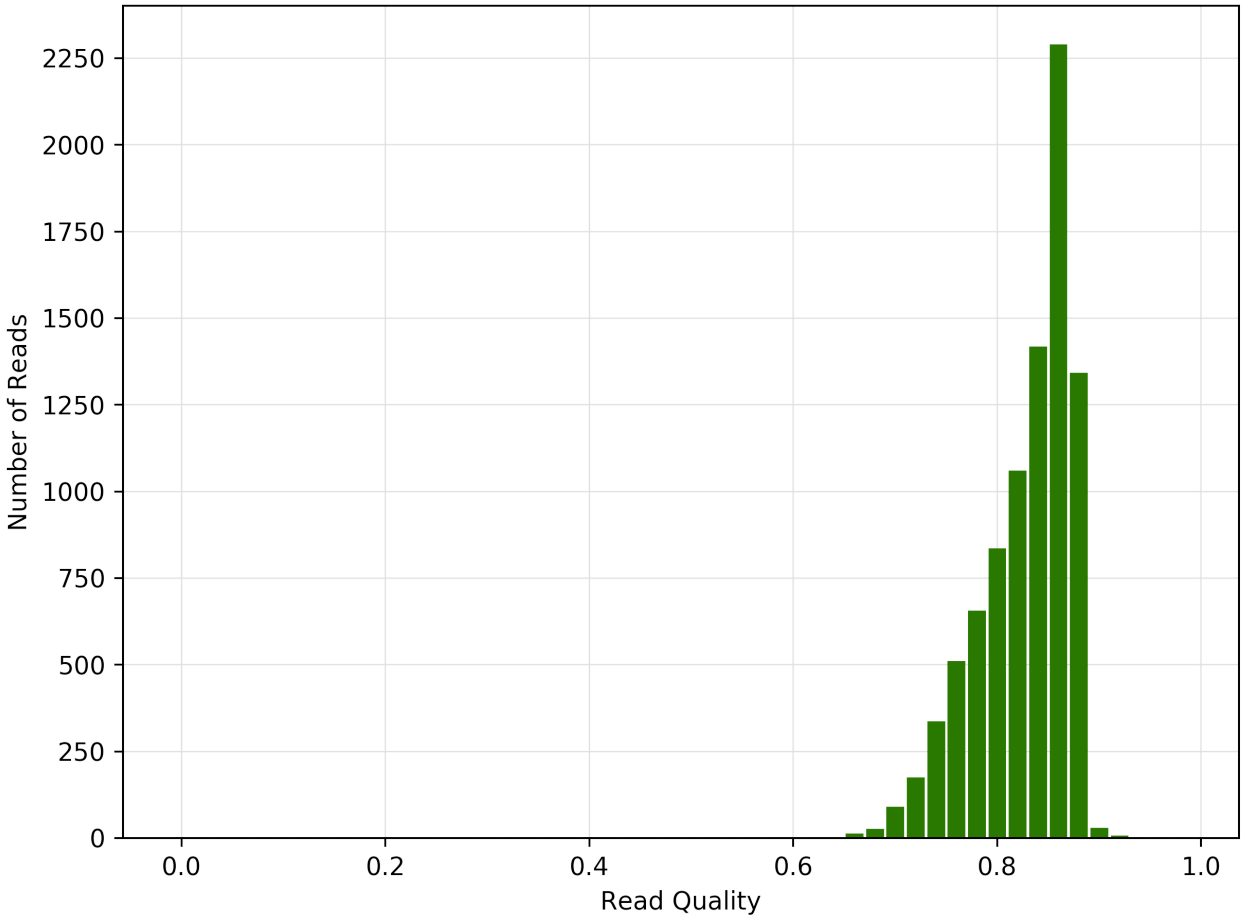
Summary

Number of of Control Reads	8,753
Control Read Length Mean	64,196
Control Read Concordance Mean	0.84
Control Read Concordance Mode	0.87

Control Polymerase RL



Control Concordance



Adapter Report

Summary

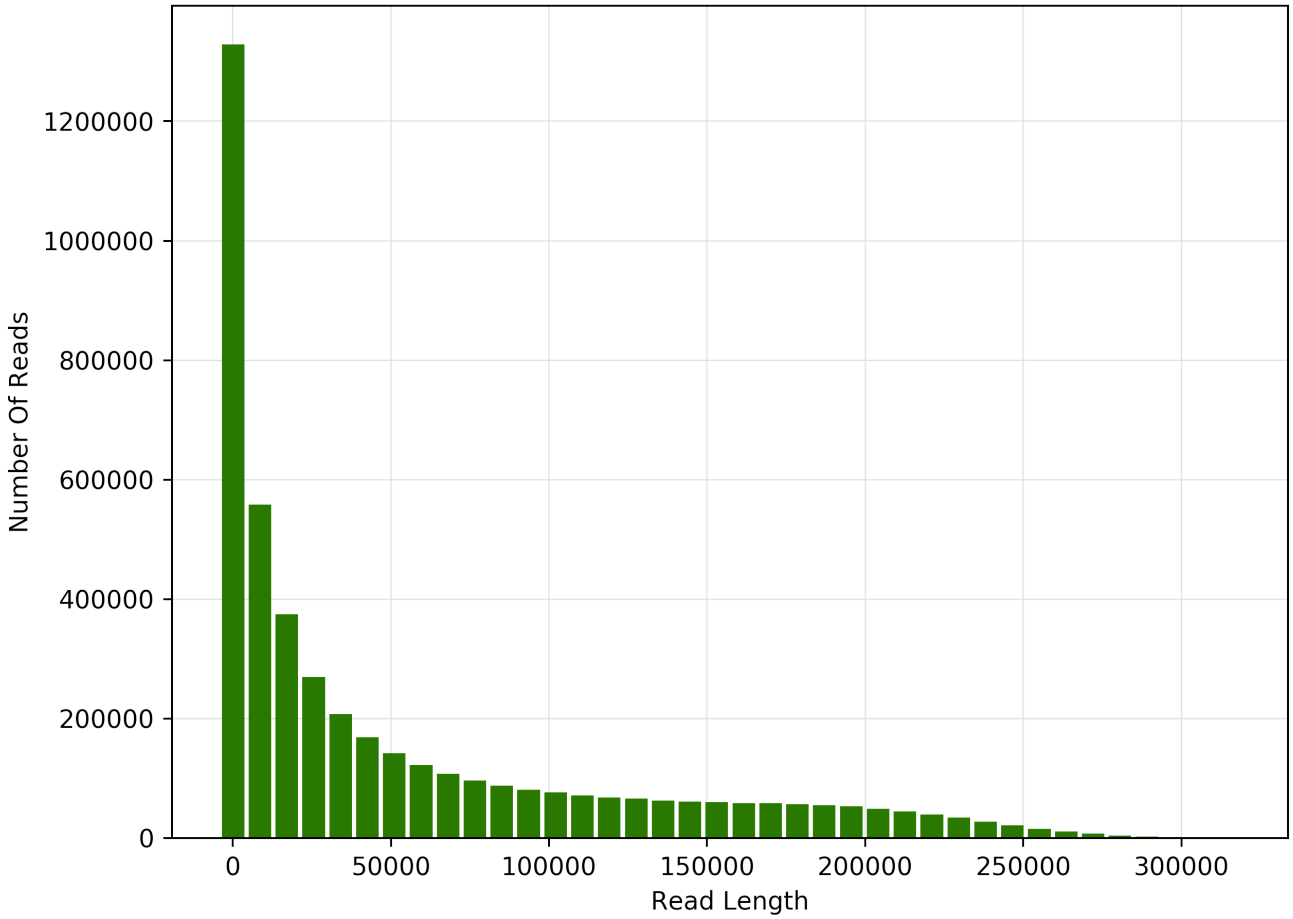
Adapter Dimers (0-10bp) %	0.1
Short Inserts (11-100bp) %	0.67
Local Base Rate	1.74

Raw Data Report

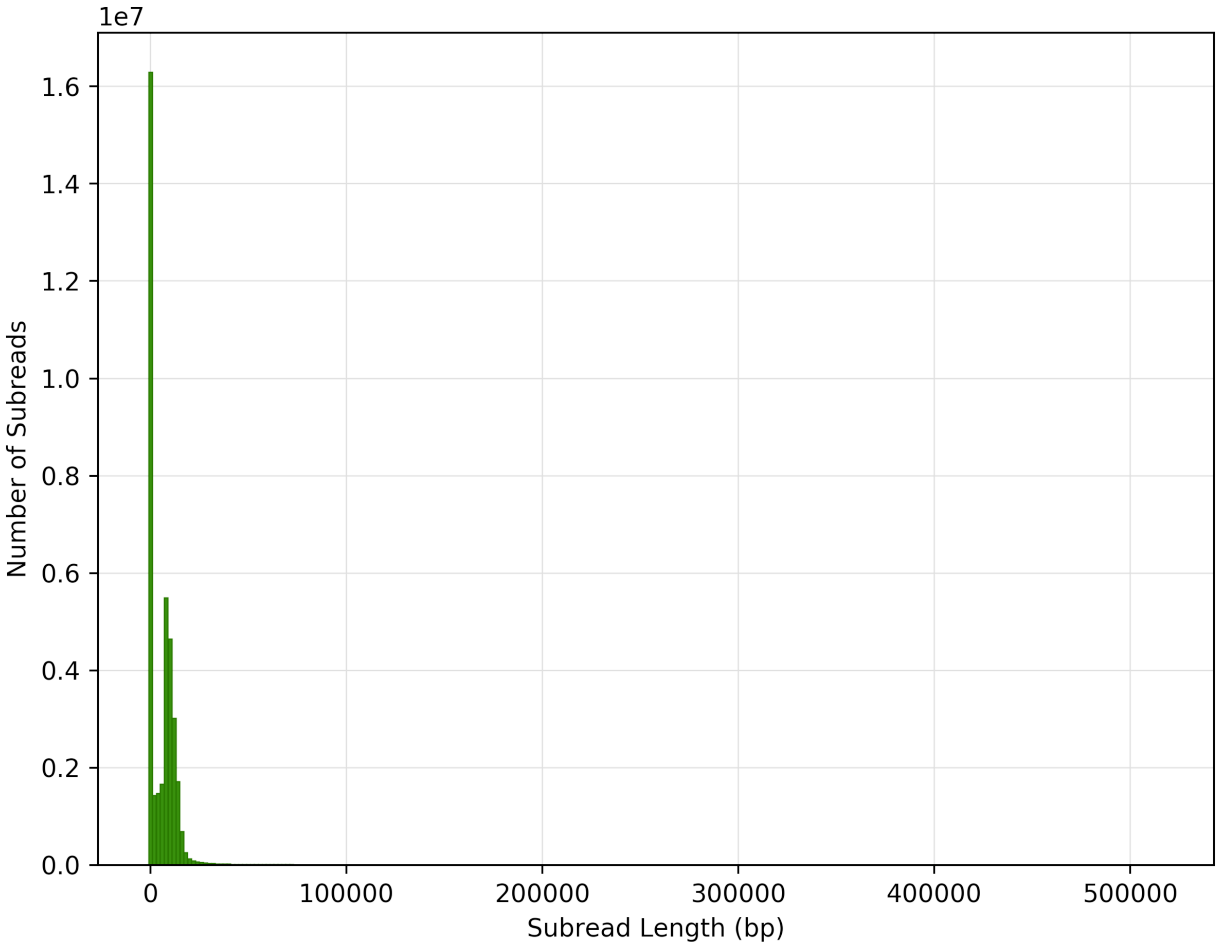
Summary

Polymerase Read Bases	252,422,806,735
Polymerase Reads	4,490,690
Polymerase Read Length (mean)	56,210
Polymerase Read N50	141,212
Subread Length (mean)	6,559
Subread N50	11,770
Insert Length (mean)	14,998
Insert N50	19,853
Unique Molecular Yield	61,692,571,648

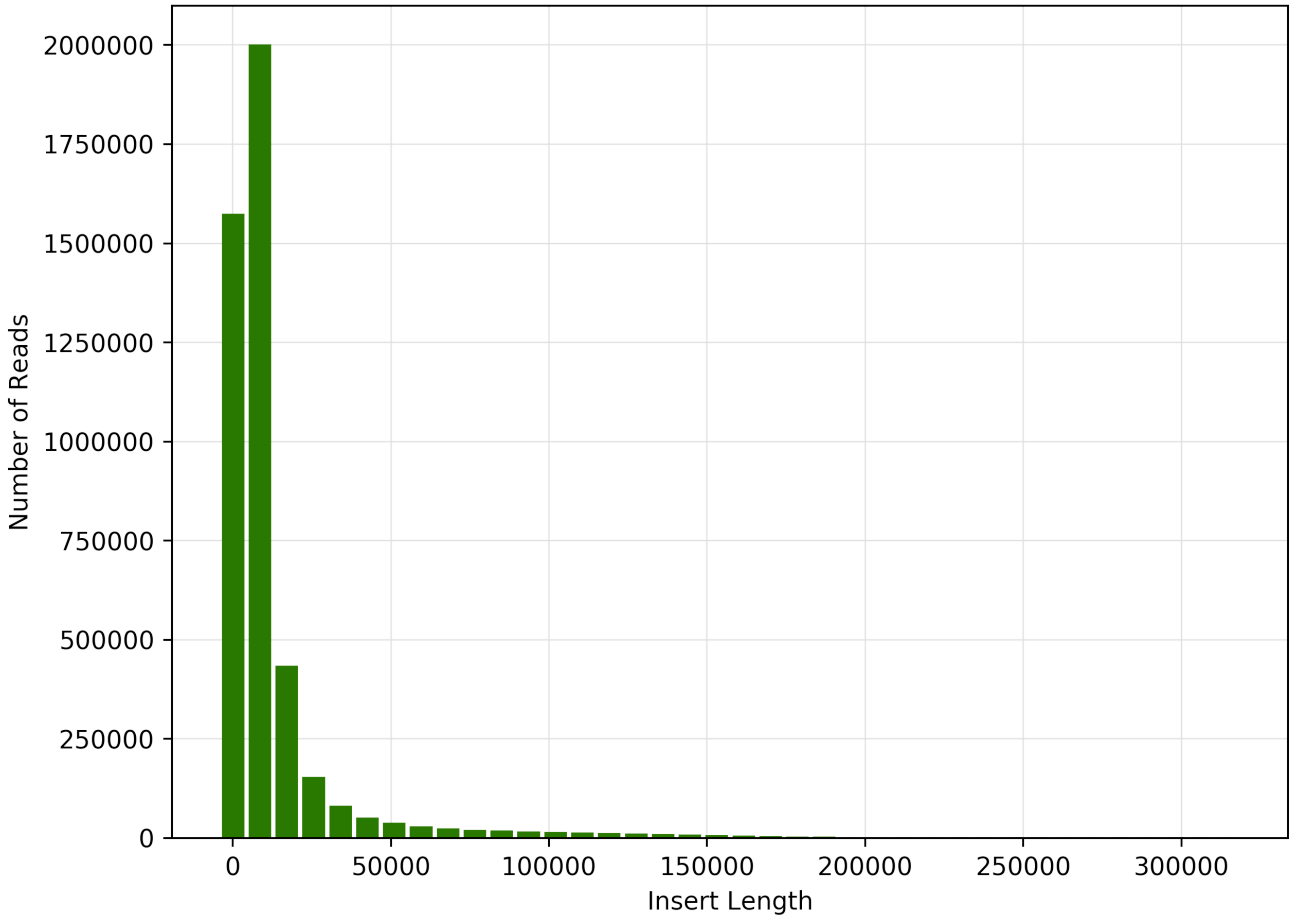
Polymerase Read Length



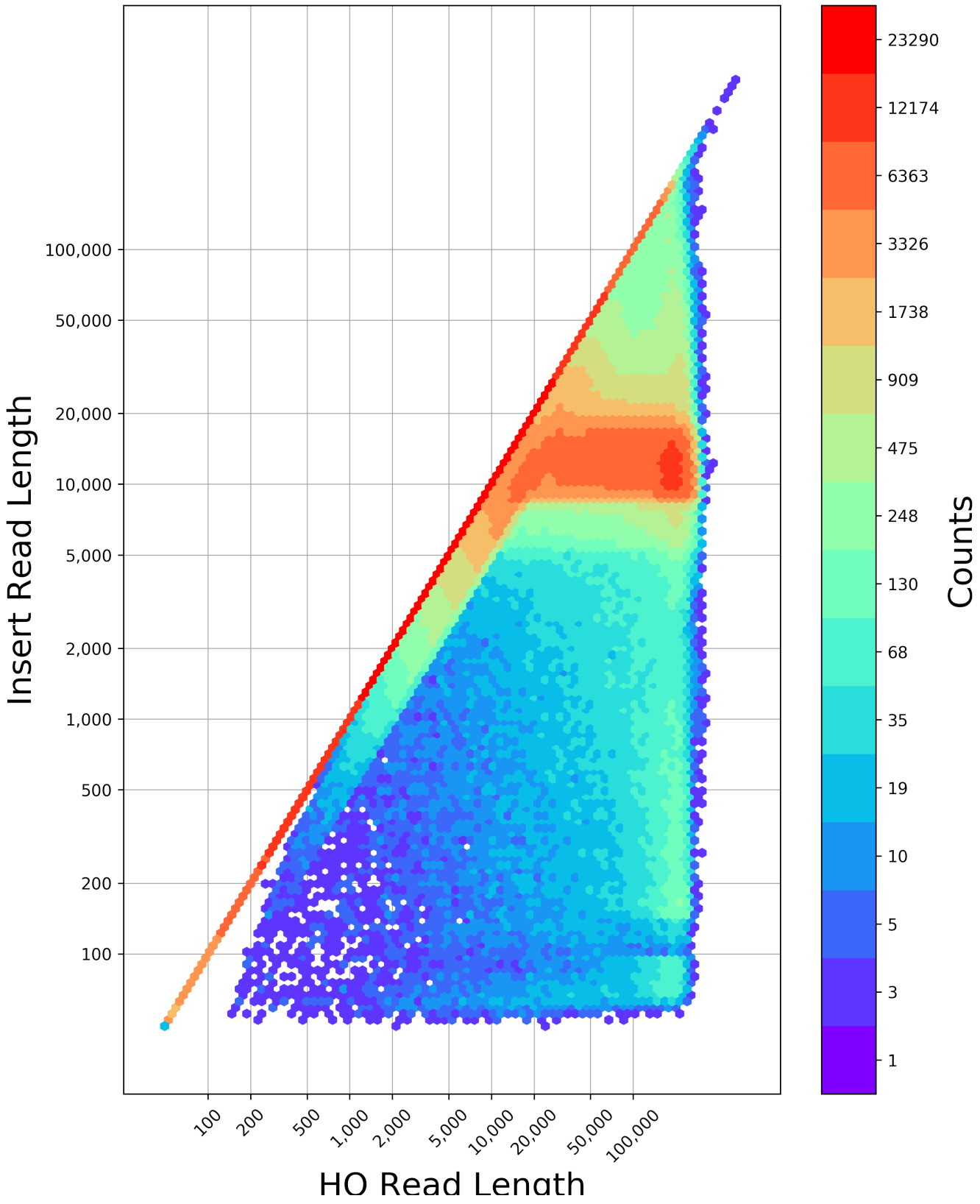
Subread Length



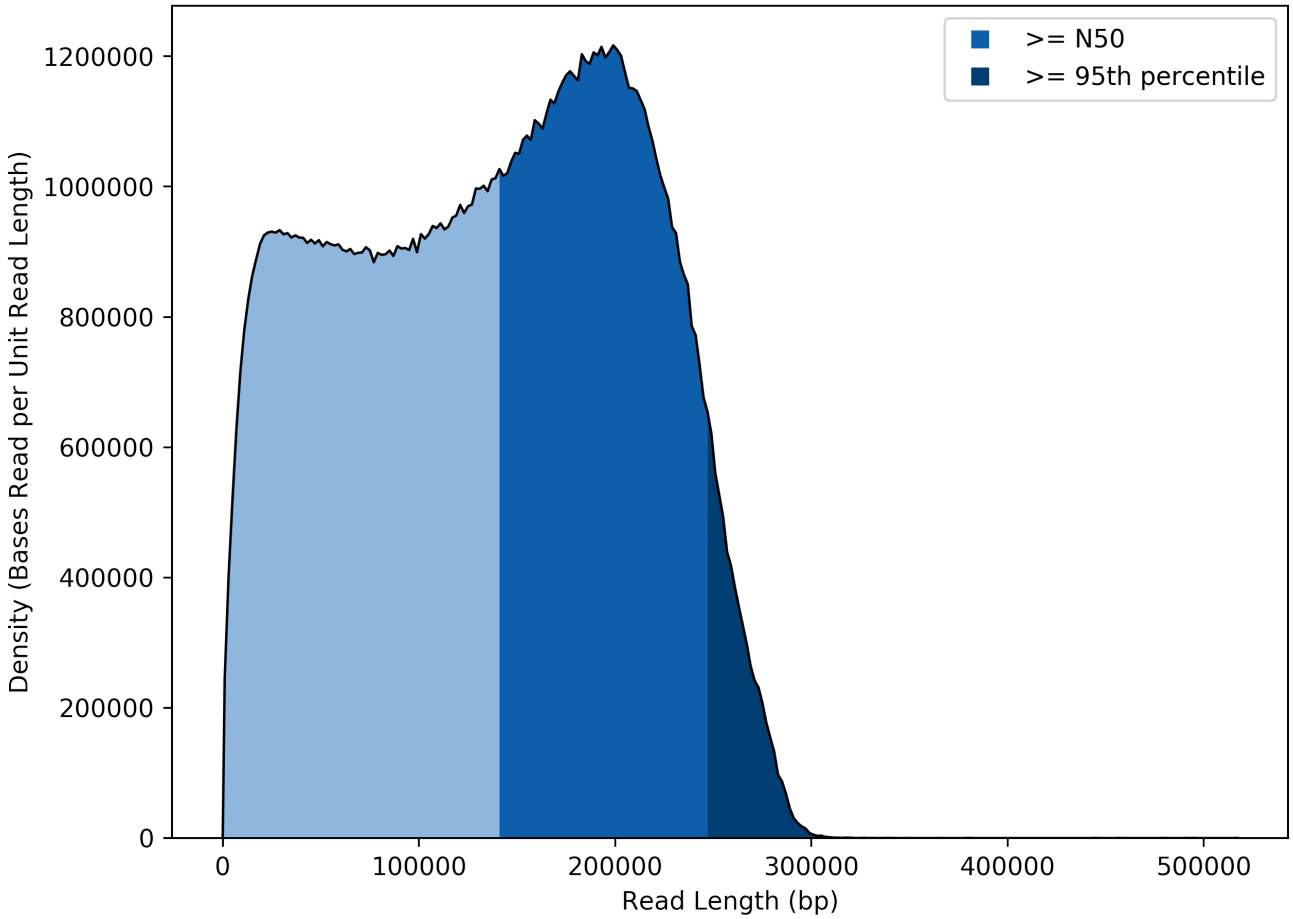
Estimated Insert Length



Insert Length Versus Read Length



Base Yield Density



No Sample Setup found

Instrument run(s)

Run 48c70eba-9c86-410f-900b-6954f242e707

Summary

Name	02.07.2020
Status	RUNNING
Created	2020-02-07 16:59:29.179
Started	2020-02-07 19:34:59.275
Context	r64069_20200207_193007
Instrument Name	64069
Instrument Serial Number	64069
ICS Version	8.0.0.78867
Primary Analysis Version	8.0.0.78867
Chemistry Version	8.0.0.78409

Parent jobs (1)

Job 1506

Summary

Job Type	import-dataset
Pipeline	cromwell.workflows.sl_import_subreads
Name	import-dataset
Comments	Description for job Import PacBio DataSet
Created At	2020-02-13 01:05:24.209
SMRT Link Version	8.0.0.80529

No child jobs found