

PacBio Run Report

Sequencing Info

Run ID	Instrument	Plate	Cell	Movie Length (hrs)
20241127_R84050_1	Revio	1	C01	24

Sample Info

Plate	Cell	Project	Master Sample	Library	Sample Name	Species	Library Type	Index	Size Selected Size
1	C01	XDOVE	NA17367-001	PL17367-001	REN4570_Mexican_duck_PM1	Mexican duck	HiFi	No-Unknown	18,099

Polymerase Read Stats

Plate	Cell	Project	Specimen Name	Bases	Reads	Mean	N50	Mean Insert	Dimers (0-10bp)	Inserts (11-100bp)	Local Base Rate	ZMW T	ZMW 0	ZMW 1	ZMW 2	Control Re Concordar Mean
1	C01	XDOVE	REN4570_Mexican_duck_PM1	330,949,251,922	7,736,472	42,778	123,750	15,416	0.0	0.05	2.04801	25,165,824	68.56%	30.75%	0.691%	0.905111

HiFi Read Stats

Plate	Cell	Project	Specimen Name	Bases	Reads	Mean	Standard Deviation	Median	Min	Max	Mode	p90	p95	N50	Median Read Quality
1	C01	XDOVE	REN4570_Mexican_duck_PM1	17,611,587,254	1,374,023	12,817.5	4,202.8	11,665	75	55,850	9,330	18,352	21,121	12,872	35

Control Read Stats

Name	Value
Number of Control Reads	1,958.0
Control Read Length Mean	56,027.0
Control Read Concordance Mean	0.905111
Control Read Concordance Mode	0.91

MegaBlast QC

Show All

Hide All



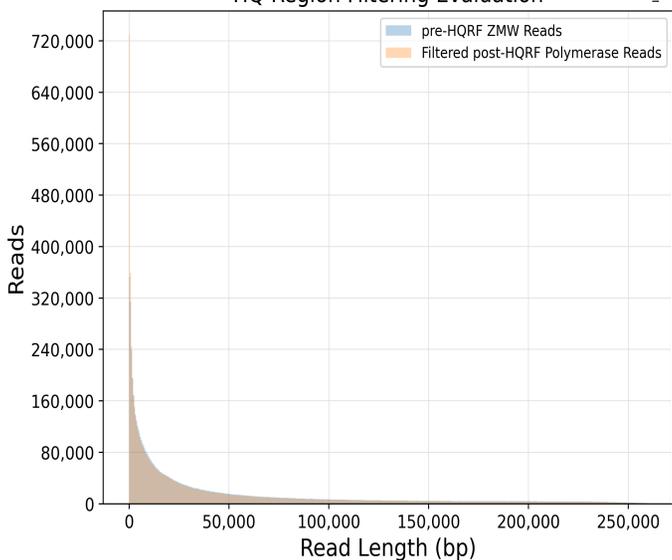
Specimen Name	Expected Species	Total Reads	Total Reads with Hits	Total Reads with Hits Percent	Genus Match Hits	Genus Match Hits Percent	Other Genus Hits	Other Genus Hits Percent	Species Match Hits	Species Match Hits Percent	Other Species Hits	Other Species Hits Percent
REN4570_Mexican_duck_PM1	Mexican duck	10,000	8,783	87.83%	0	0.0%	8,783	87.83%	0	0.0%	8,783	87.83%

Sequencing Plots



HQ Region Filtering Evaluation

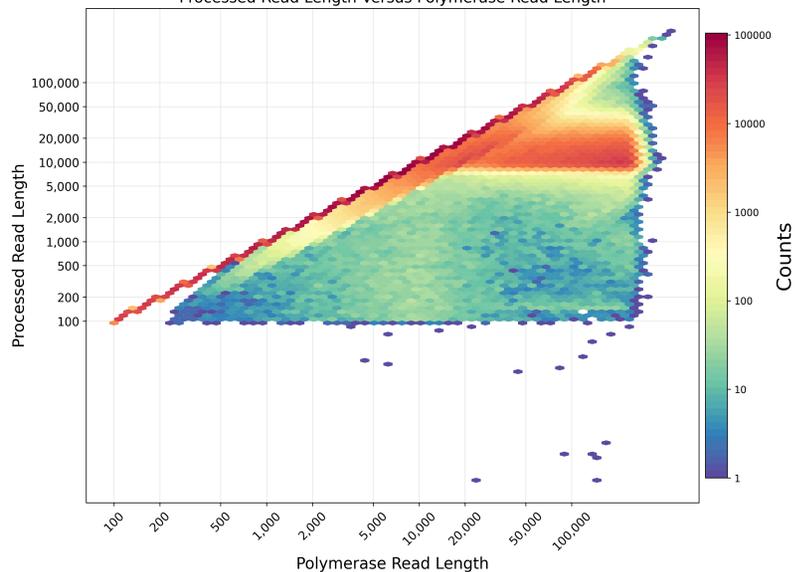
m84050_241127_190610_s2



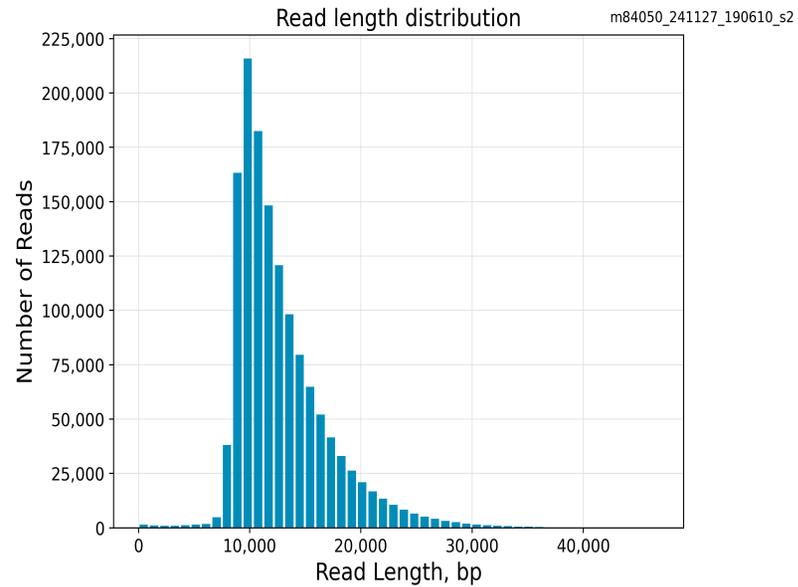
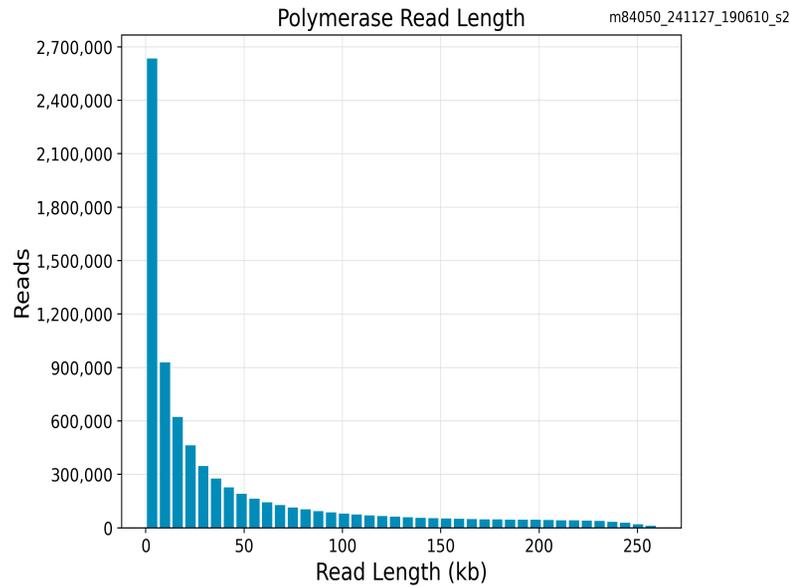
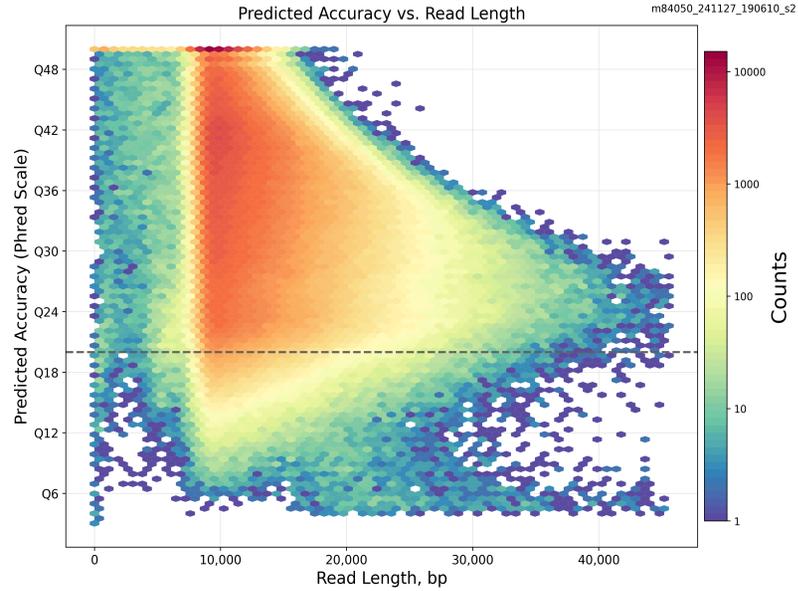
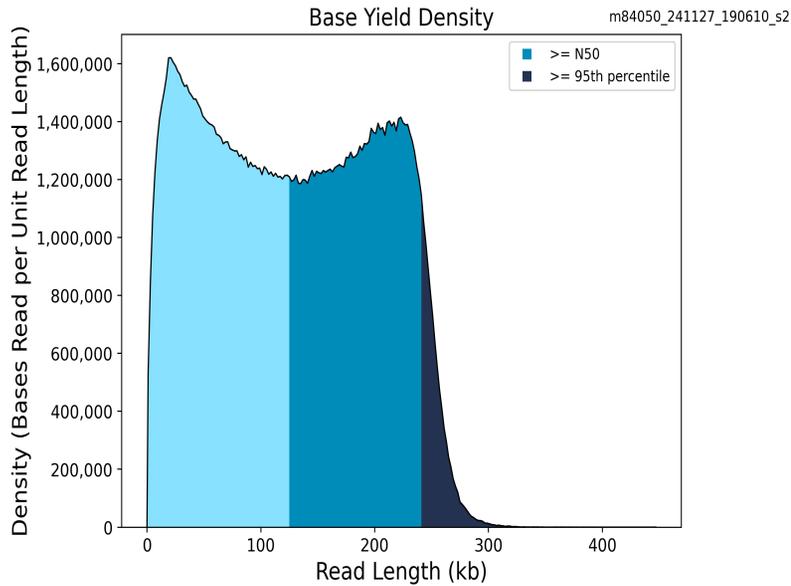
High-Quality Region Filtering Evaluation

Processed Read Length Versus Polymerase Read Length

m84050_241127_190610_s2



Longest Subread vs Polymerase Read Length

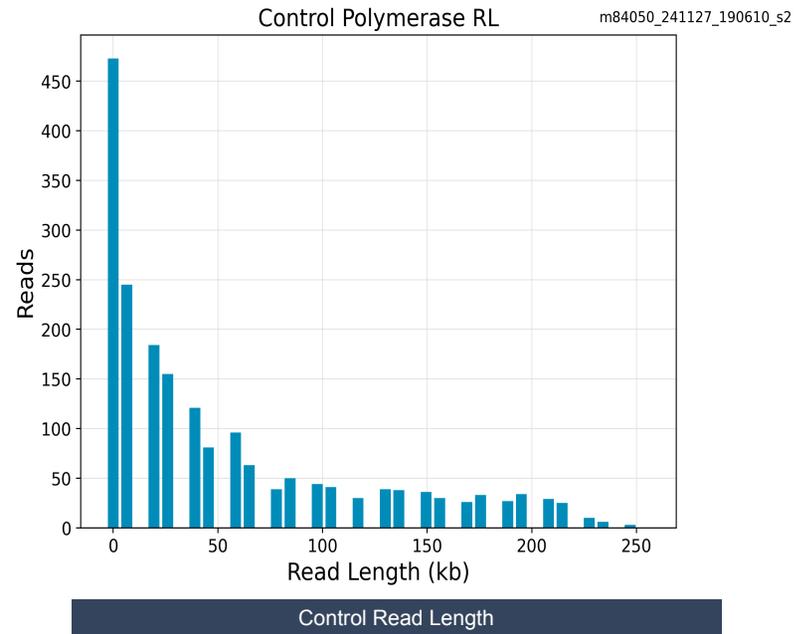
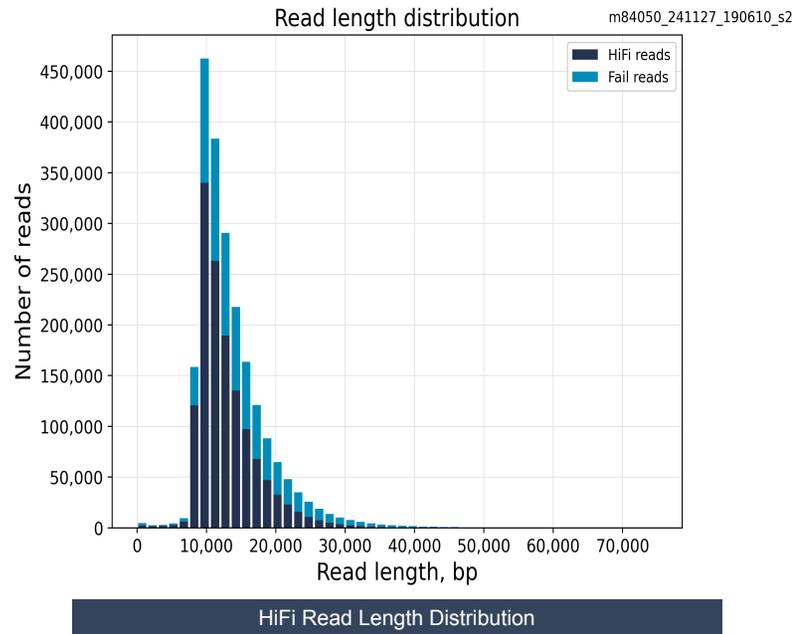
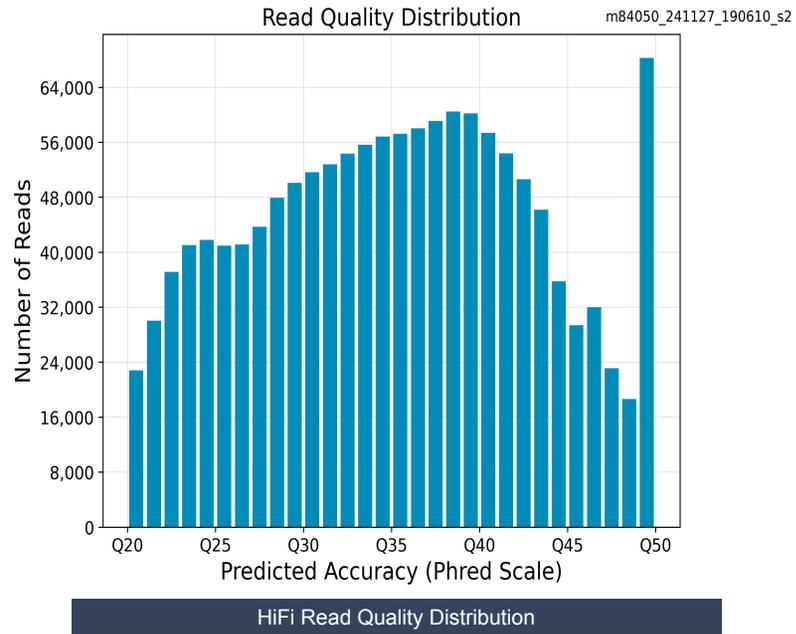
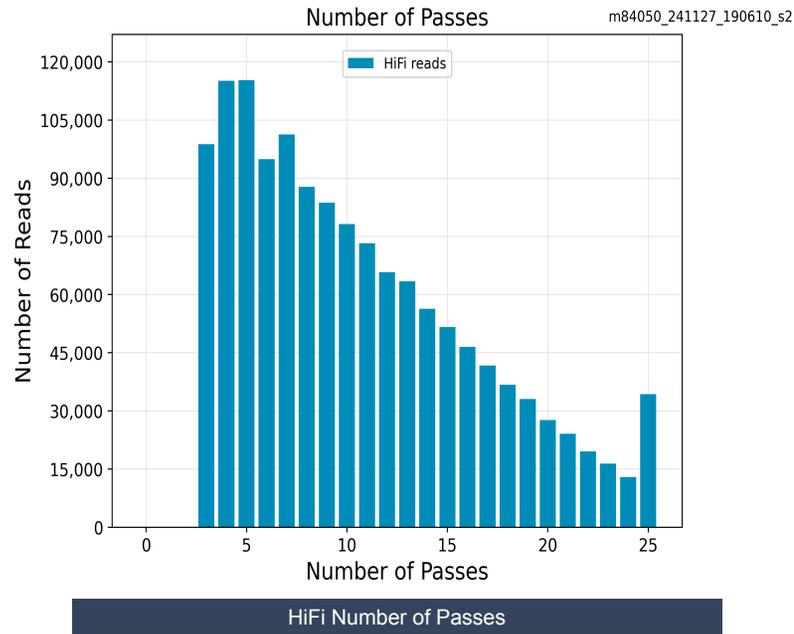


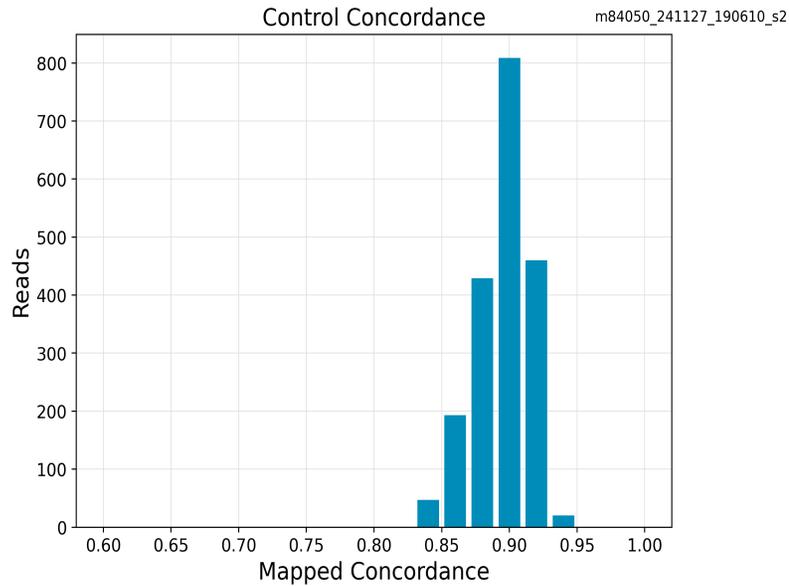
Base Yield Density

Predicted Accuracy vs Read Length

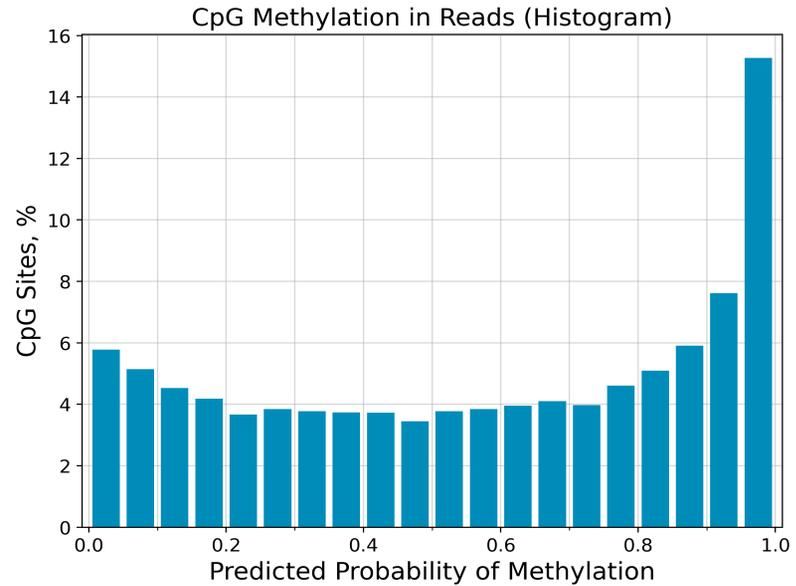
Polymerase Read Length Distribution

All HiFi Read Length Distribution

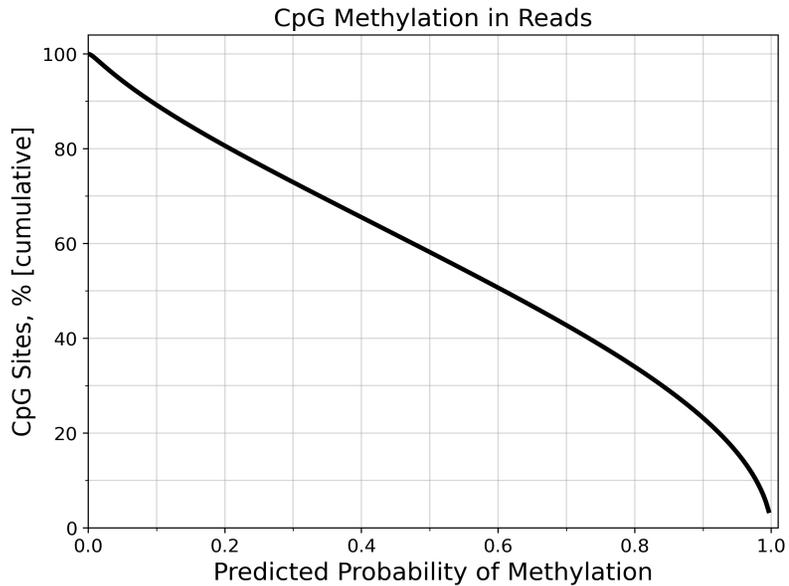




Control Concordance



CpG Methylation Distribution



CpG Methylation Distribution