NANOME

Report

Running information

Base-calling results

Methylation-calling results

NANOME pipeline report for Oxford Nanpore sequencing data EcoliDemo

Running information

Running summary

Title	Information
dsname	EcoliDemo
projectDir	/pod/2/li-lab/yang/workspace/nanome
workDir	/fastscratch/li-lab/nanome/work-ecoli
commandLine	nextflow run main.nf -resume -profile singularity,hpc -work-dir /fastscratch/li-lab/nanome/work-ecoli --outputDir /fastscratch/li-lab/nanome/outputs-ecoli -config conf/jax_hpc.config,conf/ecoli_demo.config --singularity_cache /fastscratch/li-lab/nanome/singularity-cache --cleanCache false
runName	intergalactic_bassi
start	2021-09-28T07:49:25.050-04:00
input	https://zenodo.org/record/5483859/files/ecoli_data_from_meteore.tar.gz
outputDir	/fastscratch/li-lab/nanome/outputs-ecoli

Base-calling results

Base-calling report

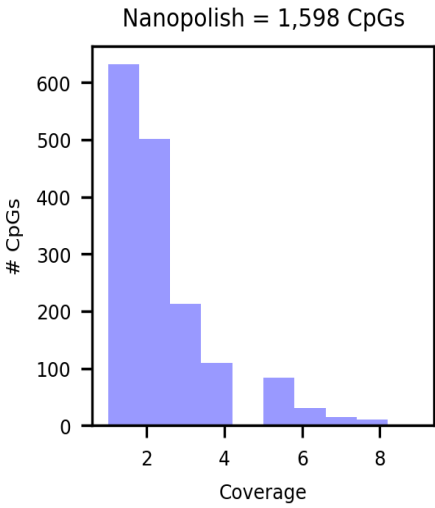| Title	Information
General summary	EcoliDemo
Active channels	46.0
Mean read length	13,320.6
Mean read quality	7.8
Median read length	13,178.5
Median read quality	7.2
Number of reads	50.0
Read length N50	13,605.0
STDEV read length	3,298.3
Total bases	666,028.0
Number, percentage and megabases of reads above quality cutoffs	
>Q5	50 (100.0%) 0.7Mb
>Q7	32 (64.0%) 0.4Mb
>Q10	6 (12.0%) 0.1Mb
>Q12	1 (2.0%) 0.0Mb
>Q15	0 (0.0%) 0.0Mb

Methylation-calling results

Methylation-calling report

Tool	CpGs
Nanopolish	1,598
Megalodon	2,482
DeepSignal	2,858
Guppy	1,344
Tombo	2,940
METEORE	2,302
DeepMod	3,259

Methylation-calling plots

Methylation % and coverage distribution for Nanopolish

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Nanopolish = 1,598 CpGs

Nanopolish = 1,598 CpGs

Methylation % and coverage distribution for Megalodon

Megalodon = 2,482 CpGs

Megalodon = 2,482 CpGs

Methylation % and coverage distribution for DeepSignal

DeepSignal = 2,858 CpGs

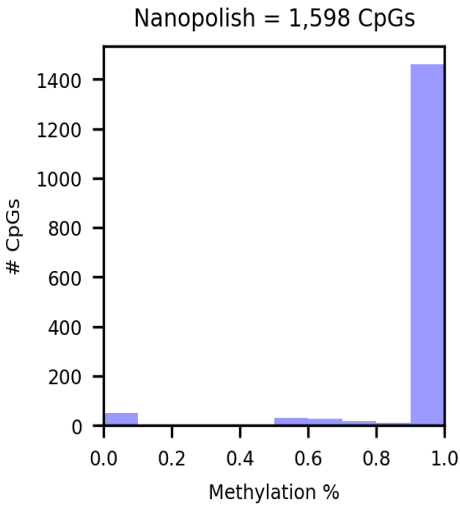DeepSignal = 2,858 CpGs

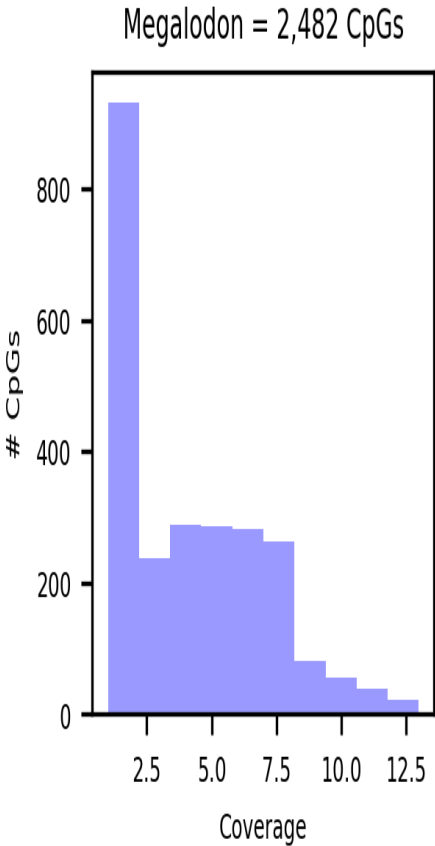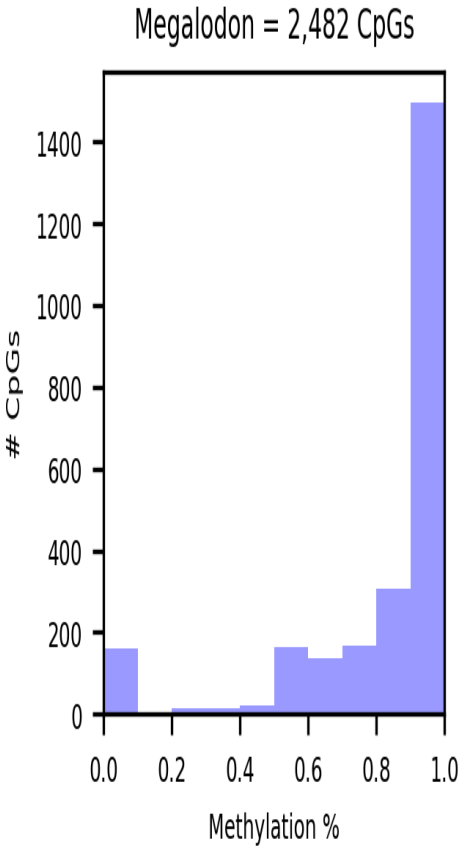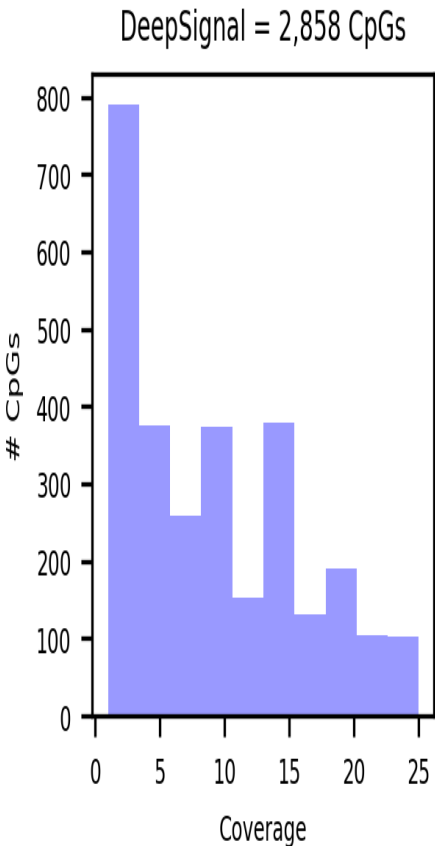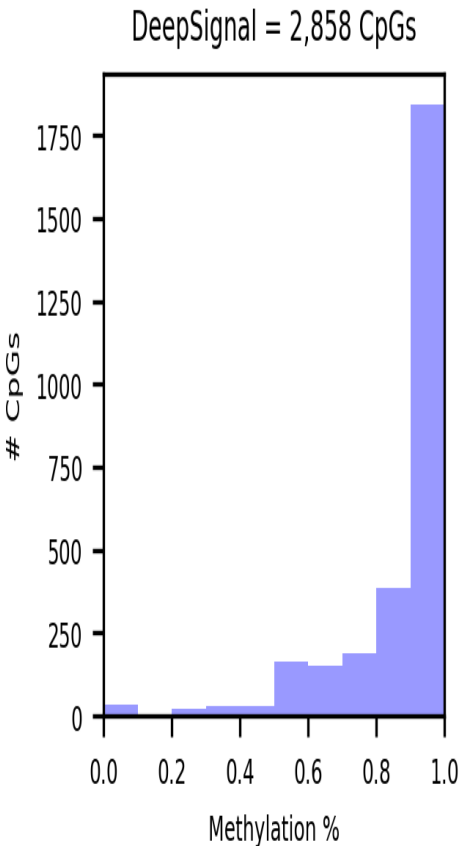Methylation % and coverage distribution for Guppy

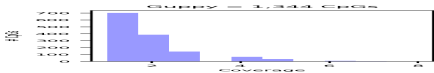# NANOME
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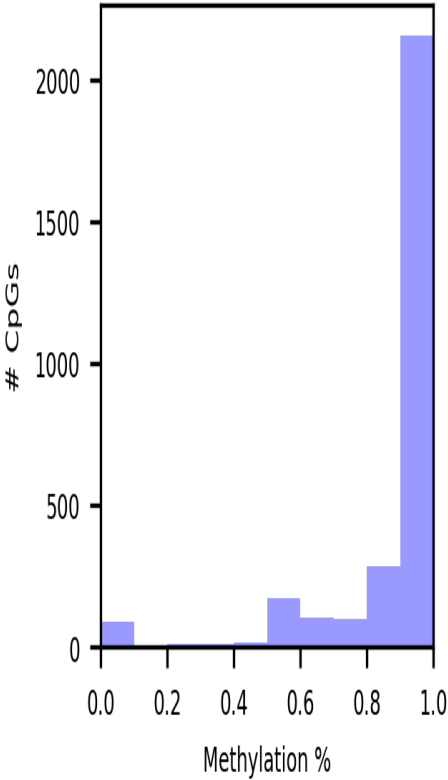**Base-calling results**

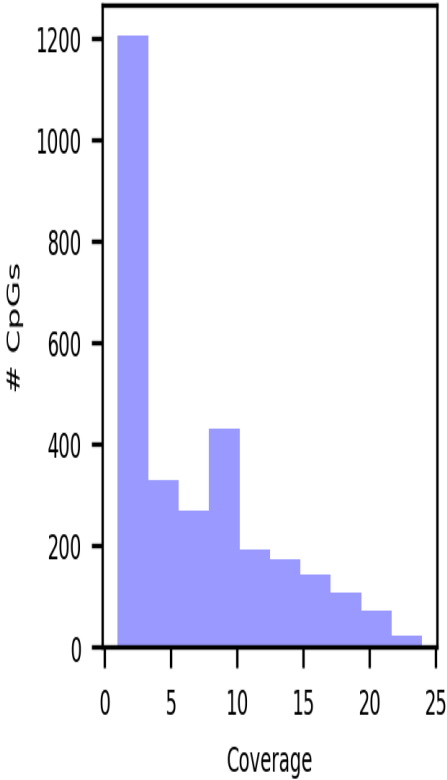**Methylation-calling results**
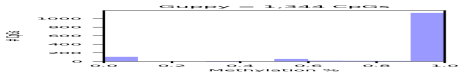
Methylation % and coverage distribution for Tombo
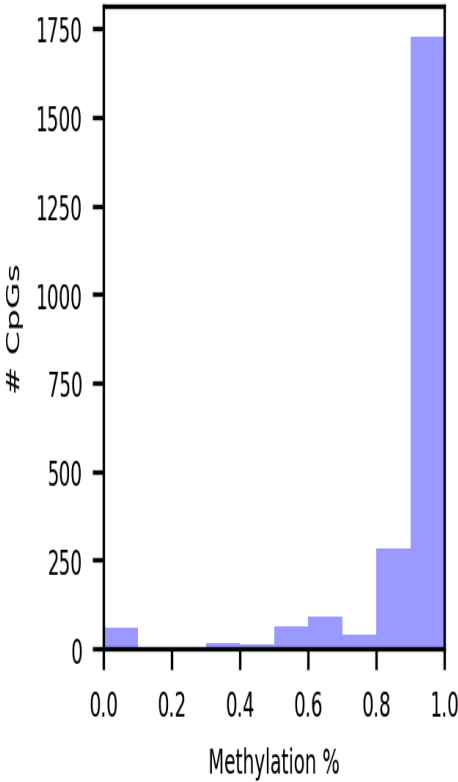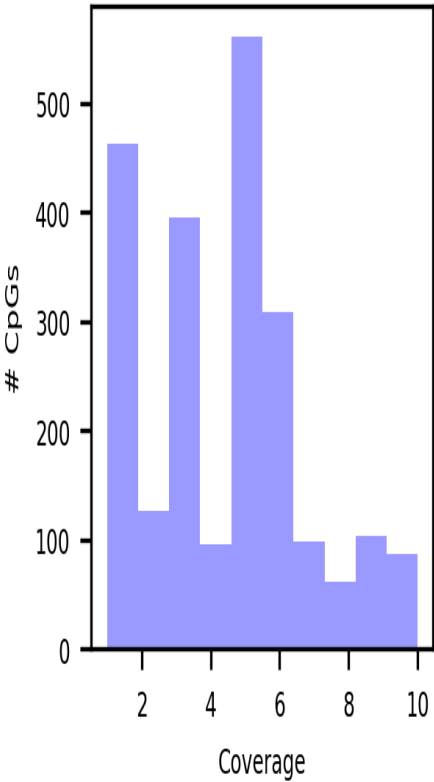

Tombo = 2,940 CpGs

Tombo = 2,940 CpGs

Methylation % and coverage distribution for METEORE

METEORE = 2,302 CpGs

METEORE = 2,302 CpGs
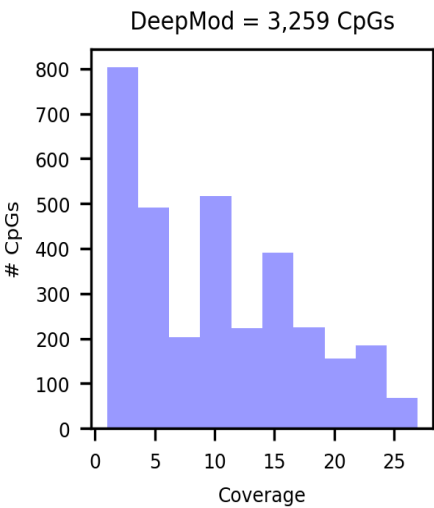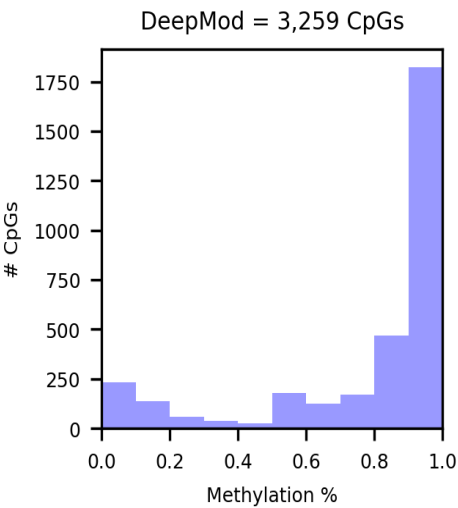
Methylation % and coverage distribution for DeepMod

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DeepMod = 3,259 CpGs

DeepMod = 3,259 CpGs

1. Please use Chrome, Firefox or Safari for better browsing experience.

2. Contact and report any bugs to https://nanome.jax.org.