

Data Collection

Projects from ENA

PRJNA255893 - 4 SRR Samples
PRJNA385349 - 28 SRR Samples
PRJNA419379 - 4 Samples

36 *Aedes
aegypti* WGS
PE Reads

Aedes Alignment

HISAT2

Align to *Aedes aegypti*
(AaegL5.3)

Samtools

Alignment Statistics

Unaligned Read Processing

Samtools

Unaligned Read Extraction

Bam2Fastq

Fastq Conversion

FASTQC

Quality Control

HTML FastQC Report

Read Composition

MetaPhlAn

Bacterial Read
Composition

Kraken2

Bacterial Read
Composition

R

Read Composition Report

Read Extraction

Python & R

Kraken2 Taxon Read
Extraction

De Novo Assembly

MegaHit / MetaSpades