

RNA-seq data

Genome Annotation

Reference genome

Data Download

Trim Galore

Adapter and
quality trimming

Tophat2

Reads Mapping

Cuffdiff

Differential
Expression

Cufflinks

Count Mapped
Reads

RScript

FPKM to TPM

Functional
Analysis With
R

PCA

Hierarchical
clustering

Heatmap

Pathway
enrichment
analysis

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