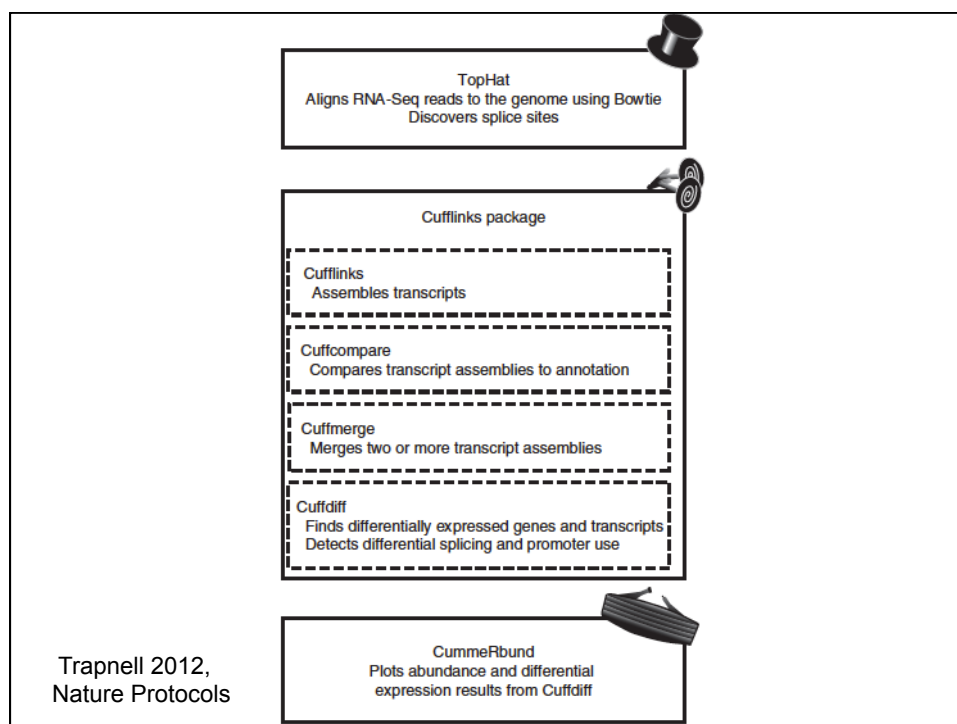


Differential Expression & Alternative Splicing

Oksana Riba Grognez

<http://goo.gl/siWOr>



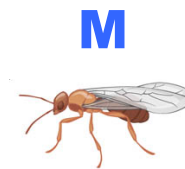
Samples



Pool of 4



Pool of 200



Pool of 5

4 replicates of each



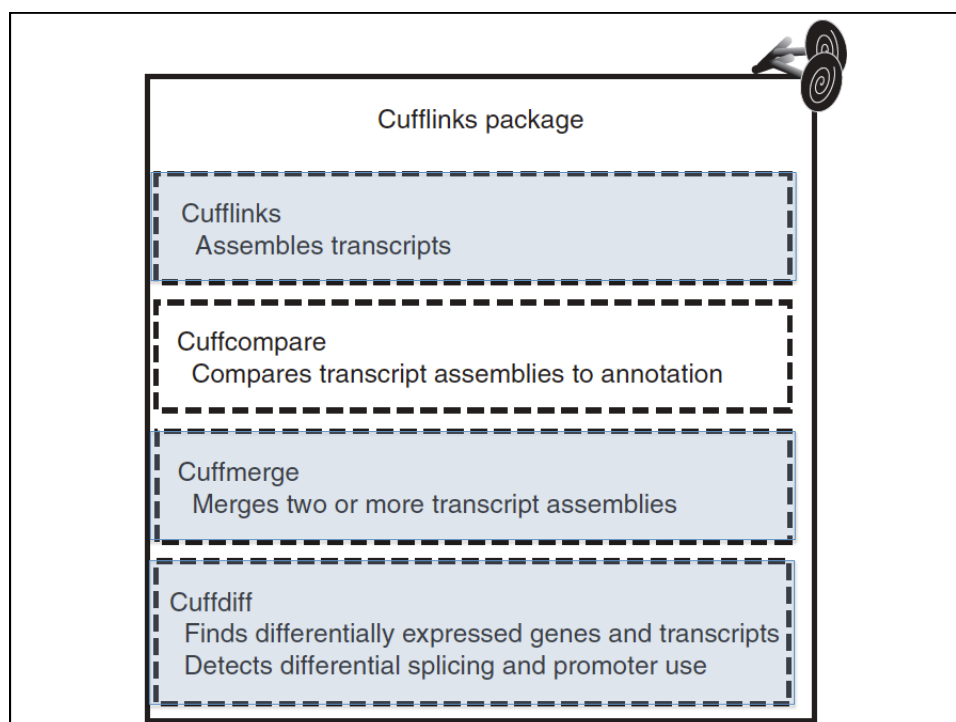
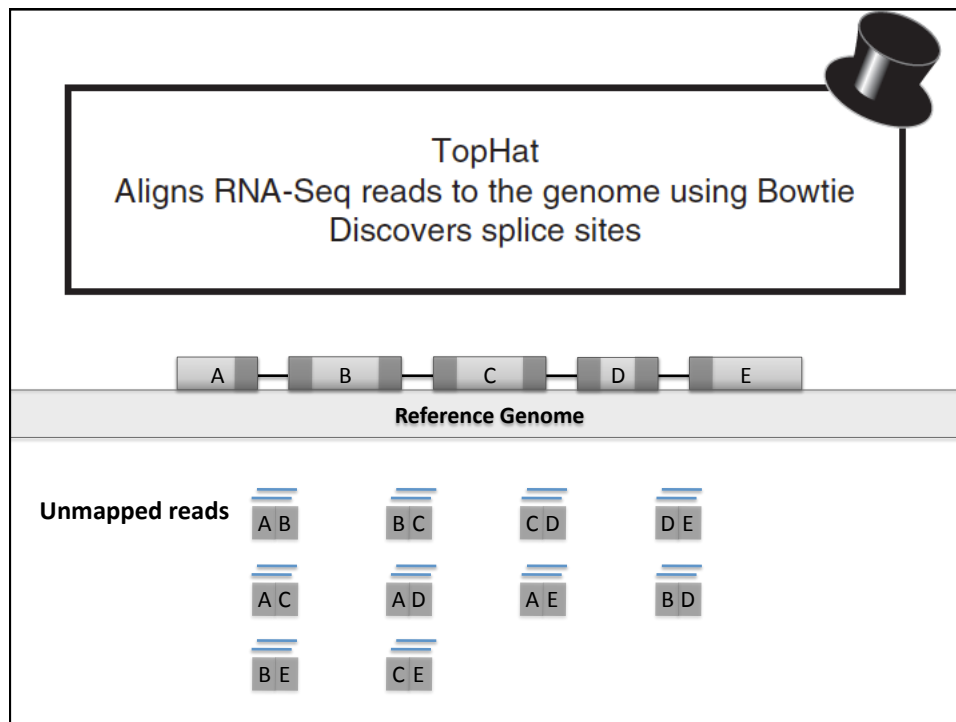
TopHat
Aligns RNA-Seq reads to the genome using Bowtie
Discovers splice sites




Reference Genome

Unmapped reads







CummeRbund
Plots abundance and differential
expression results from Cuffdiff