

Regeneration *Drosophila melanogaster*
new RNAseq samples sequenced at the CRG

07/04/2016

Outline

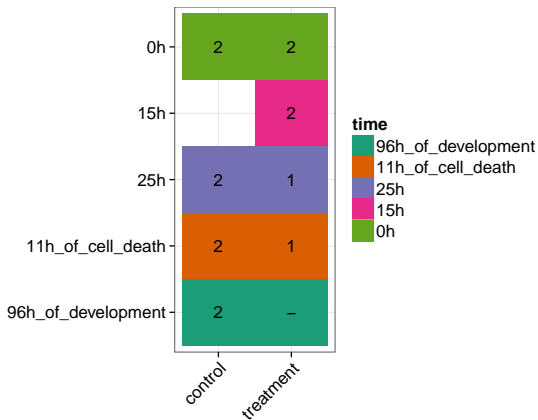
Overview of RNA-seq samples

Mapping statistics

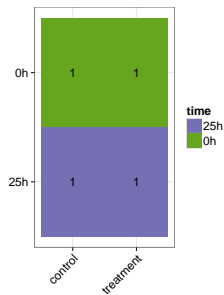
Correlation between replicates

RNAseq samples

Samples sequenced in India



Samples sequenced at the CRG



Outline

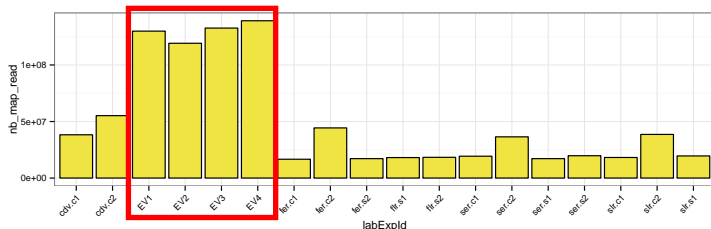
Overview of RNA-seq samples

Mapping statistics

Correlation between replicates

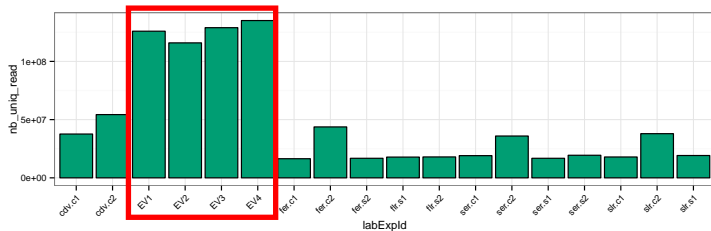
Mapping statistiques

Number of mapped reads



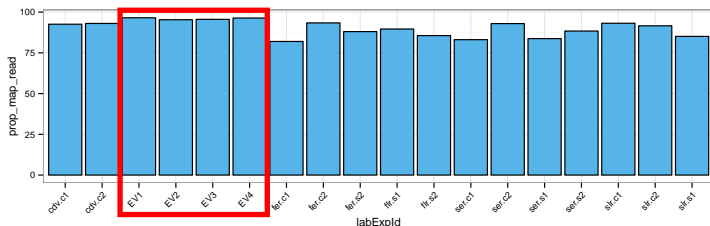
New replicate

Number of uniquely mapped reads



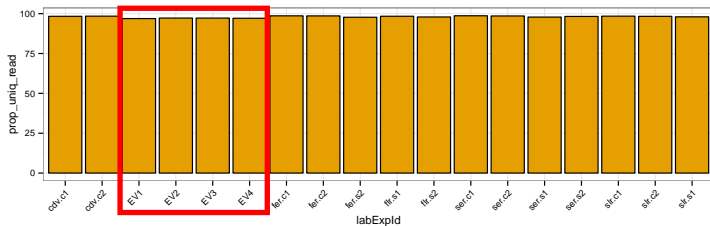
Mapping statistics

Proportion of mapped reads over all reads



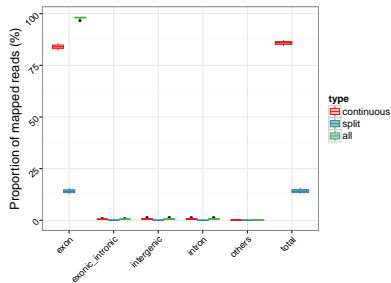
New replicate

Proportion of mapped reads over mapped reads

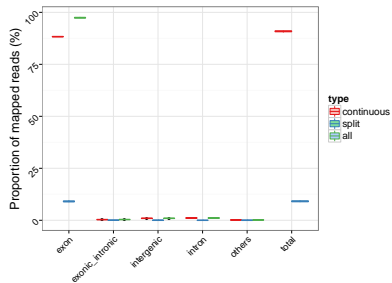


Genomic regions

Samples sequenced in India



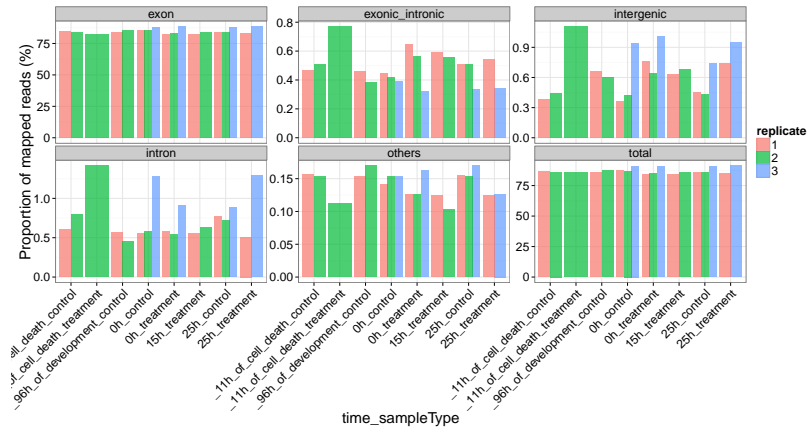
Samples sequenced at the CRG



Genomic regions - continuous mapping

Replicates 1 and 2 = Samples sequenced in India

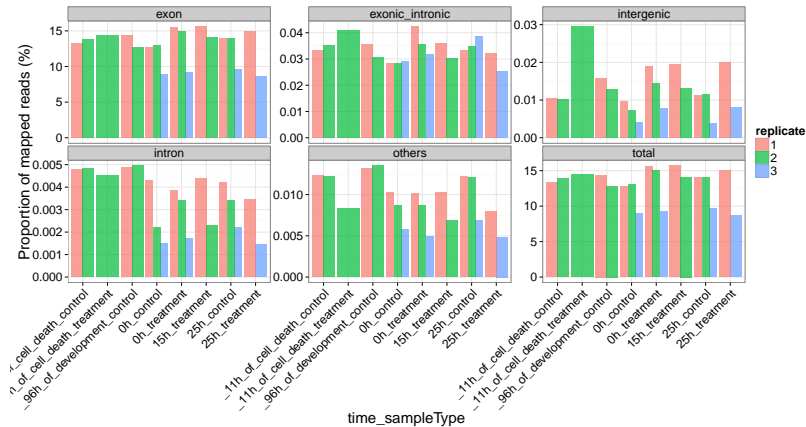
Replicate 3 = Samples sequenced at the CRG



Genomic regions - split mapping

Replicates 1 and 2 = Samples sequenced in India

Replicate 3 = Samples sequenced at the CRG



Outline

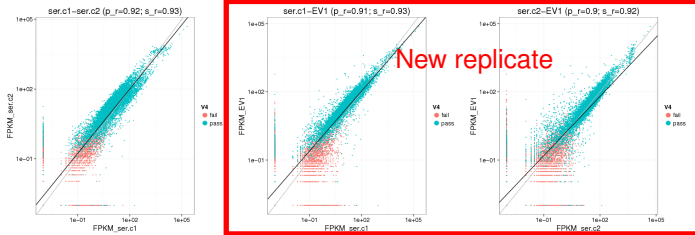
Overview of RNA-seq samples

Mapping statistics

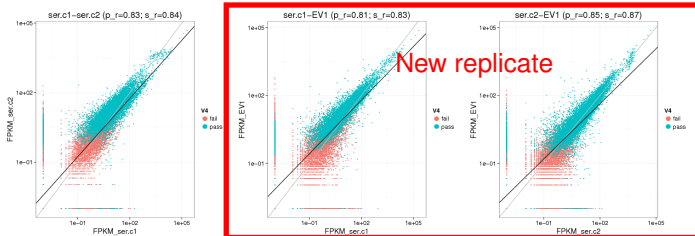
Correlation between replicates

0h control

Correlation of **gene** expression between replicates

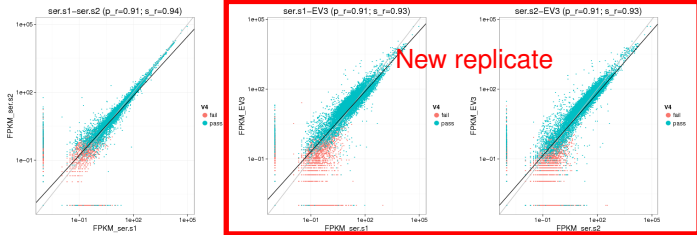


Correlation of **transcript** expression between replicates

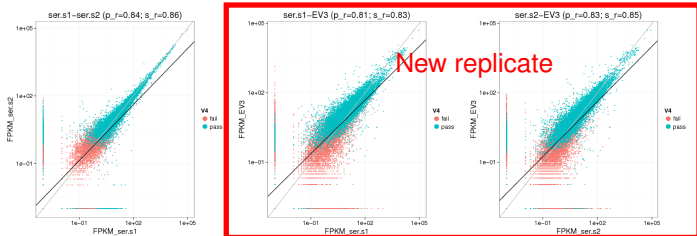


0h treatment

Correlation of **gene** expression between replicates

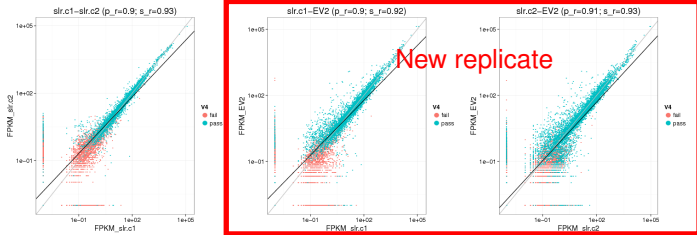


Correlation of **transcript** expression between replicates

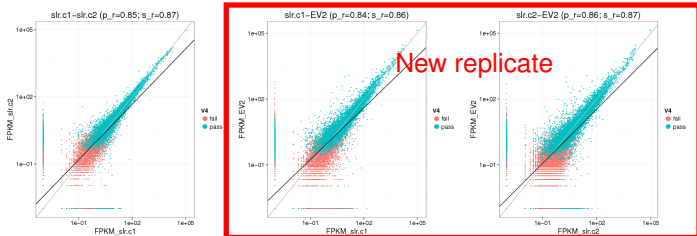


25h control

Correlation of **gene expression** between replicates



Correlation of **transcript expression** between replicates



25h treatment - Only one replicate from India and one from the CRG

Correlation between replicates

