

Tissue-restricted antigens (TRAs) in embryonic development

Supplementary data

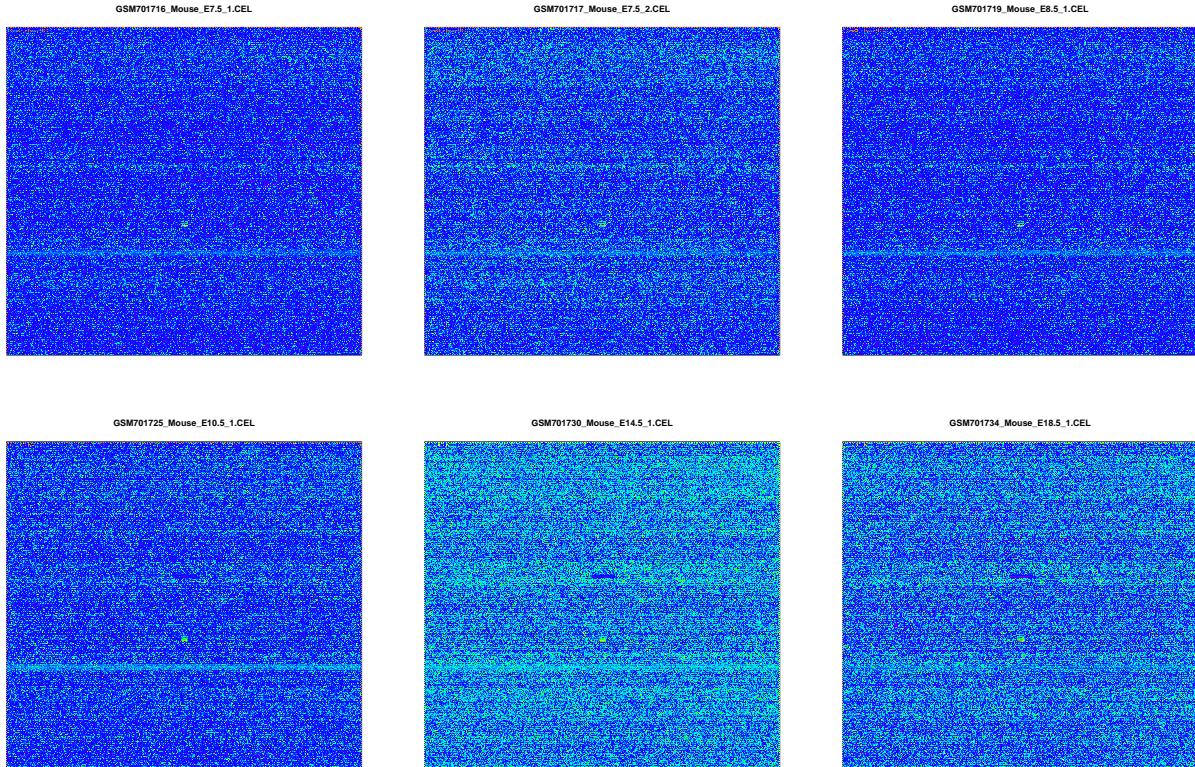
Alina Aksianova, Letizia Holube, Lydia Steiner, Nina Bank

2022-07-11

1 Quality control

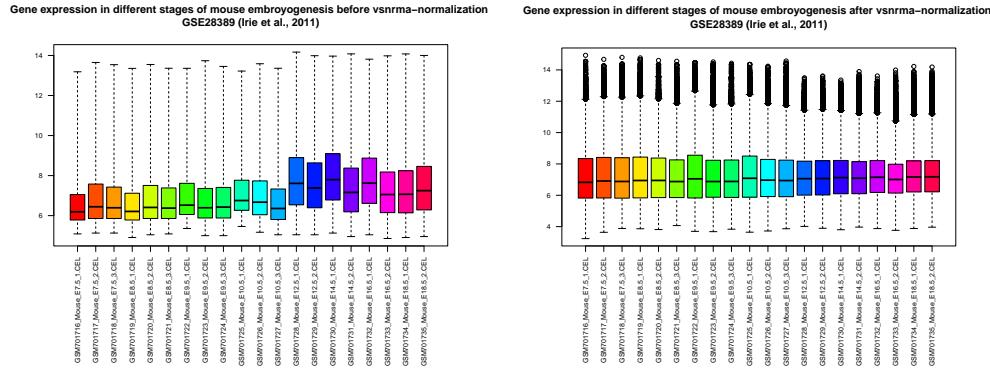
1.1 Single Chip Control

Supplementary examples of the Single Chip Control.



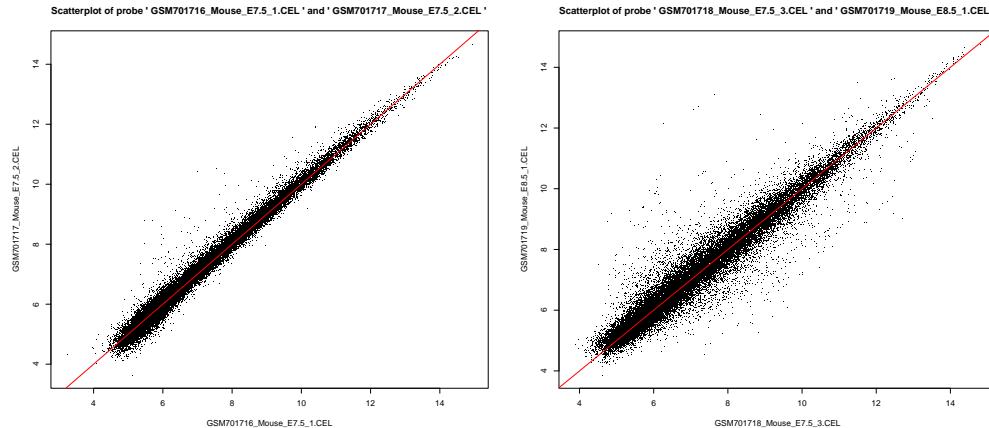
1.2 Normalisation

Boxplots of the data from before and after normalisation.



1.3 Scatterplots

Two examples from within one day and from comparing two different days.



1.4 MeanSDplot

MeanSDplot of the normalised data.

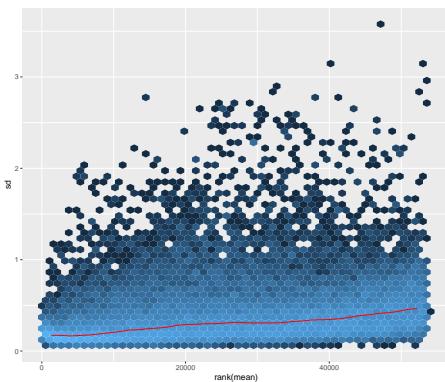
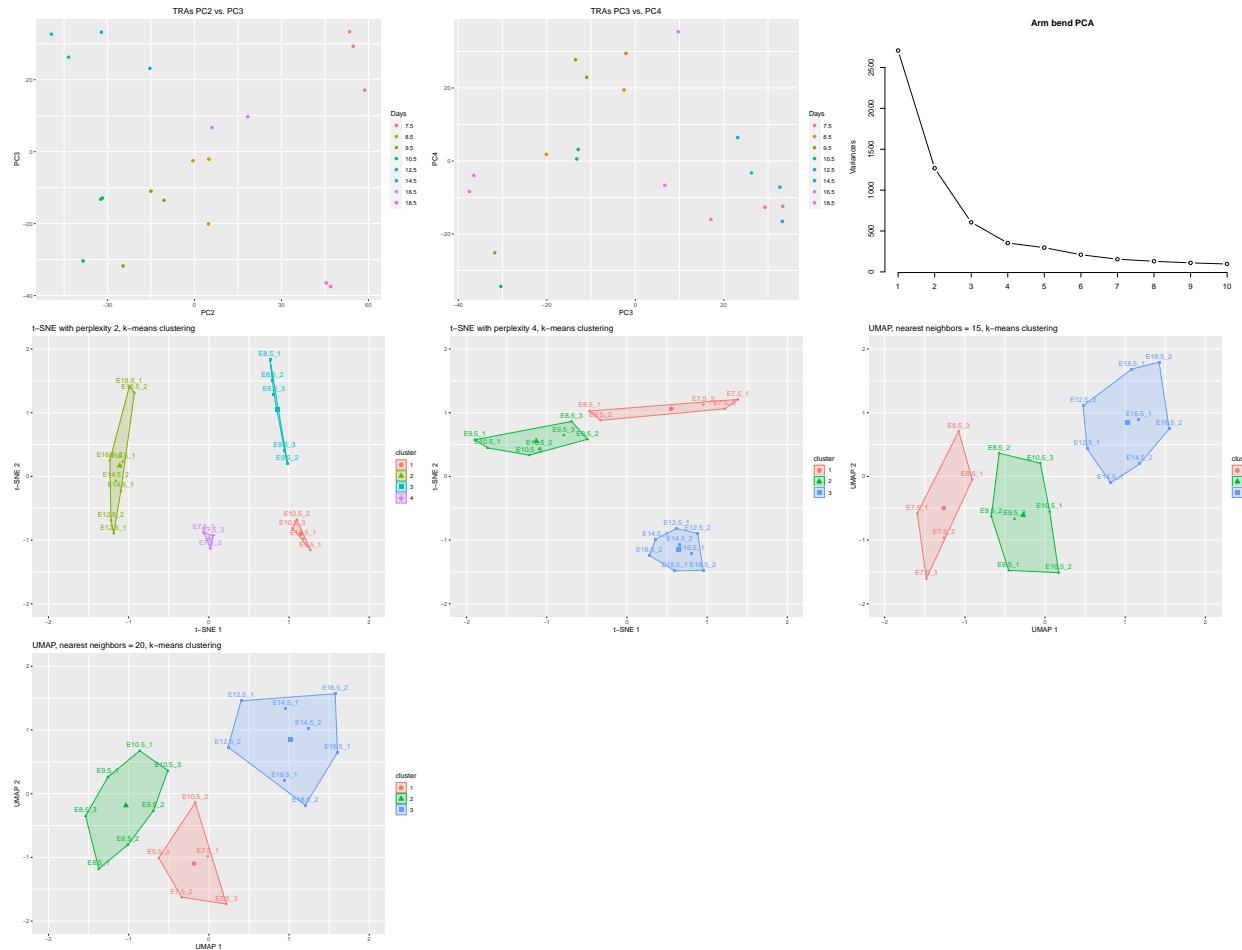


Figure 1: meansdplot

2 Results

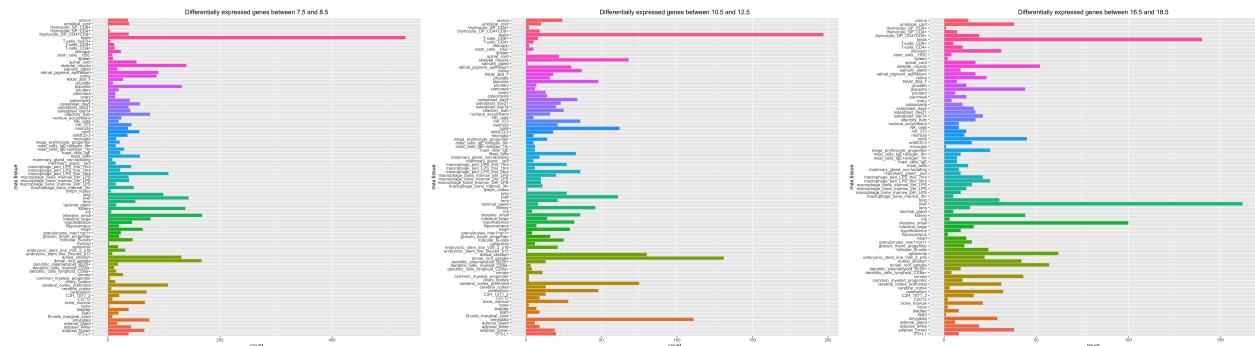
2.1 Dimensionality Reduction and Clustering

Further examples of PCA, T-SNE and UMAP of TRAs.



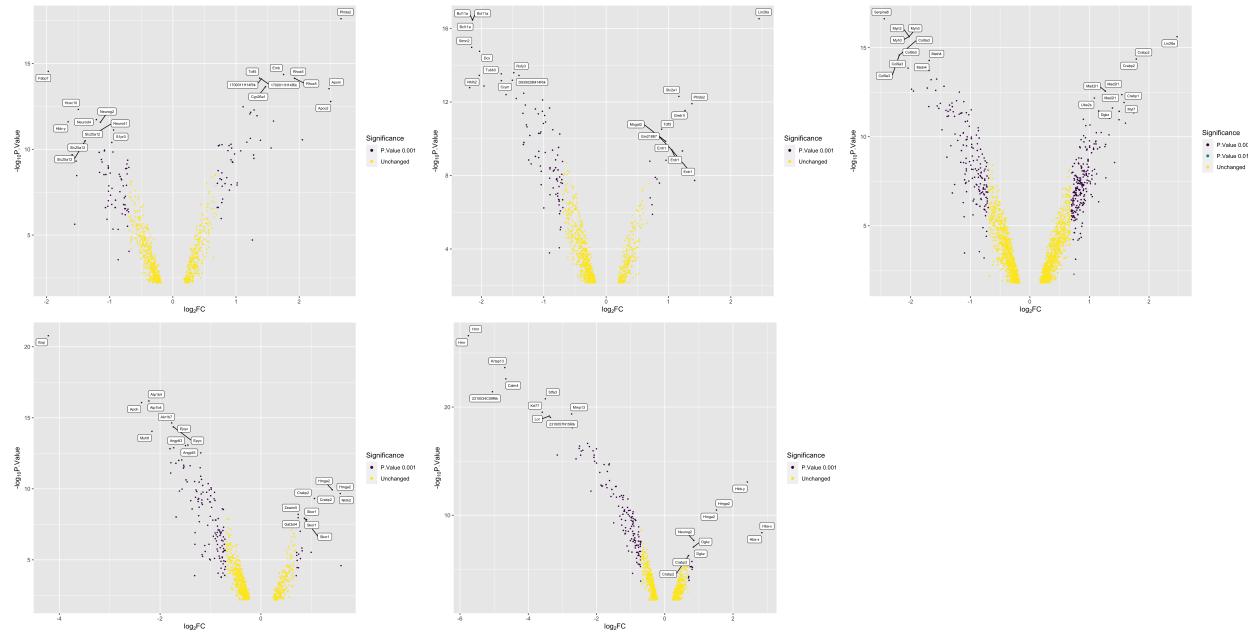
2.2 Differential Expressed Gene Analysis

Difference in TRA expression over the course of mid- to late embryogenesis.



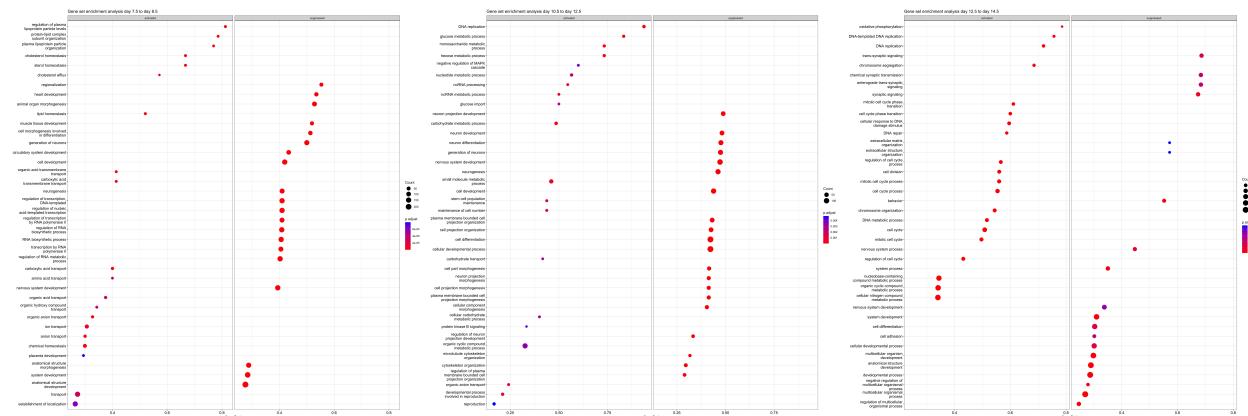
2.3 Volcano plots

Supplementary volcano plots from different developmental stages.



2.4 Gene Set Enrichment Analysis

Supplementary example plots for GSEA.



2.5 Chemokine

PCA and venn diagrams

