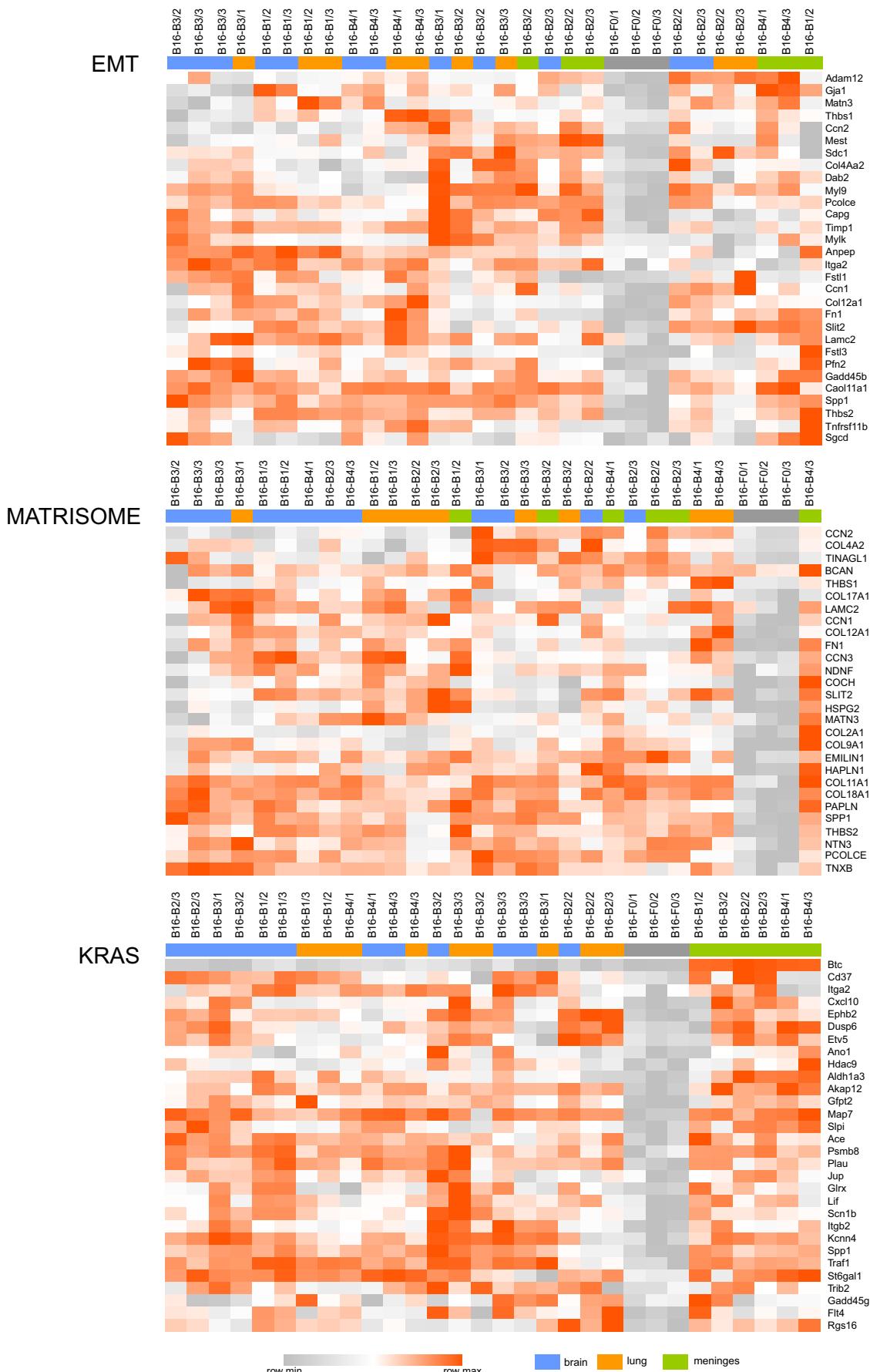


## Additional file 3: Heat maps



Heat maps of log<sub>2</sub> normalized counts of top core genes with a rank metric score >1 from the GSEA. Hierarchical clustering of columns and rows using a 1- Pearson correlation coefficients as the distance metric and clustering using the average linkage method.