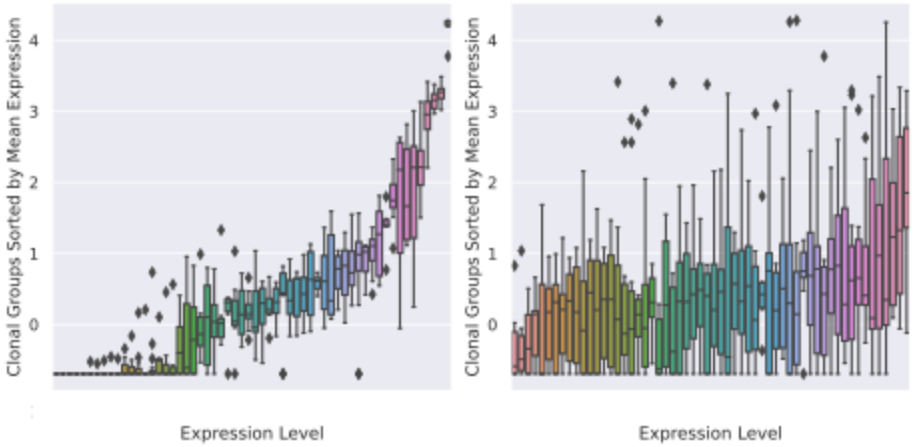
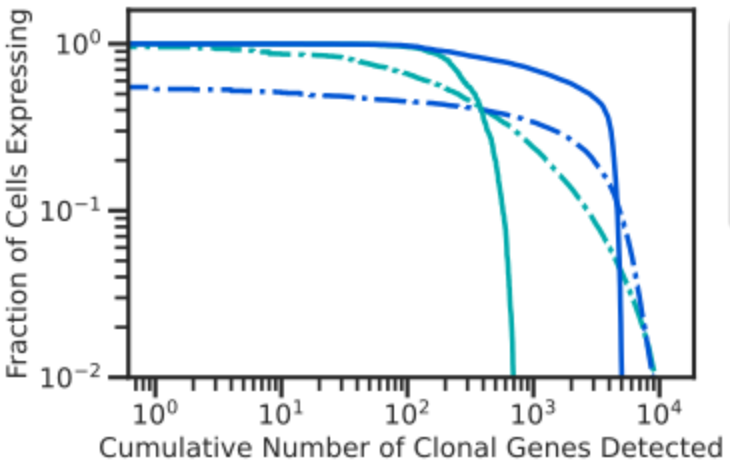
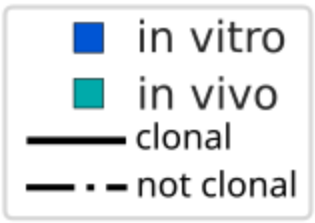
a



intuitive look at the raw data and strength of the signal

b



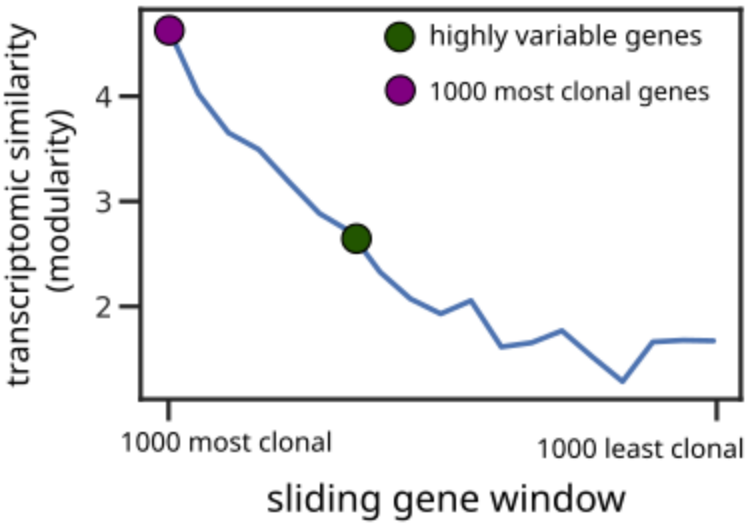


quantification of how many genes are detected as clonal in vivo and in vitro, as a function of dropout.
This is really a pretty interesting aspect of things these long live plasma cells are expected to have a common ancestor on the time scale of months to years ago

c

Upset plot In Vivo vs. Ex Vivo Genes and IgH genes, putatively B cell development related house keeping

d



transcriptomic comparison of clones on the nearest neighbor graph, basically if they have more edges/connections to their siblings the score is higher
On the left side I have the modularity score (higher means more connected)
on the right side next time I will have another line quantifying the total number of signifcant clones