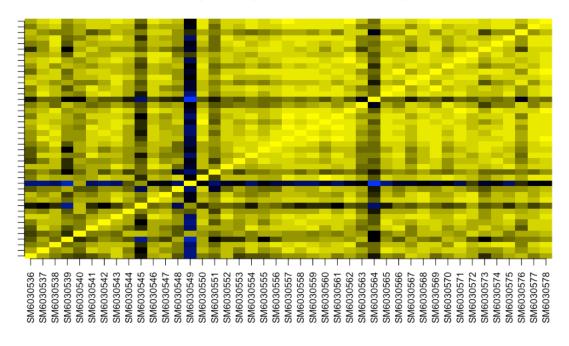
Figures and data from simple gene expression analysis

Citation for data source:

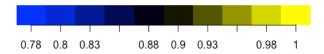
Shao L, Pelayo A, Shi R, Ma J, Liu H, Cai Y, Prochazkova M, Somerville RP, Panch SR, Shah NN, Stroncek DF, Jin P. Identification of genomic determinants contributing to cytokine release in immunotherapies and human diseases. J Transl Med. 2022 Jul 28;20(1):338. doi: 10.1186/s12967-022-03531-3. PMID: 35902861

Link to GEO page with data: https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE200296

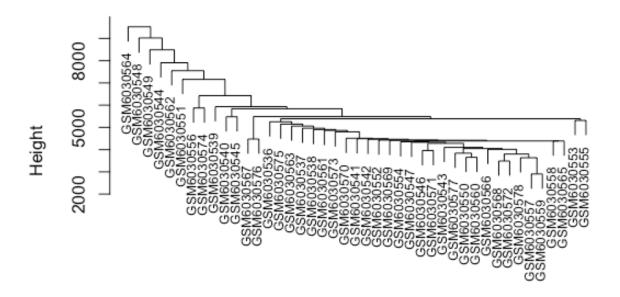
Correlation heat map of samples in CD22 CAR T-cell product dataset



(y-axis is the same as x-axis)

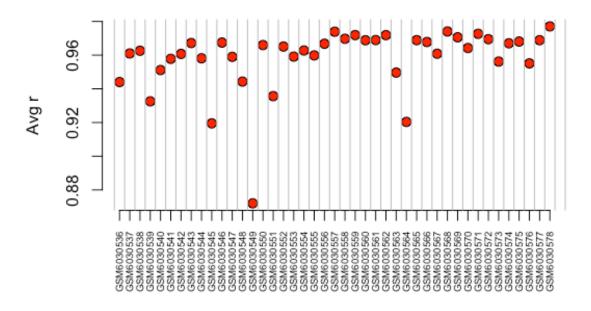


Cluster Dendrogram



dat.dist hclust (*, "single")

Avg correlation of CD22 CAR T-cell product samples



Differentially expressed genes with p-value < 0.05

Fold change of those genes:

Conclusion:

This relatively simple analysis turned up the main gene this paper is about PFKFB4. It also turned up some other genes that would be interesting to explore further with laboratory experiments.