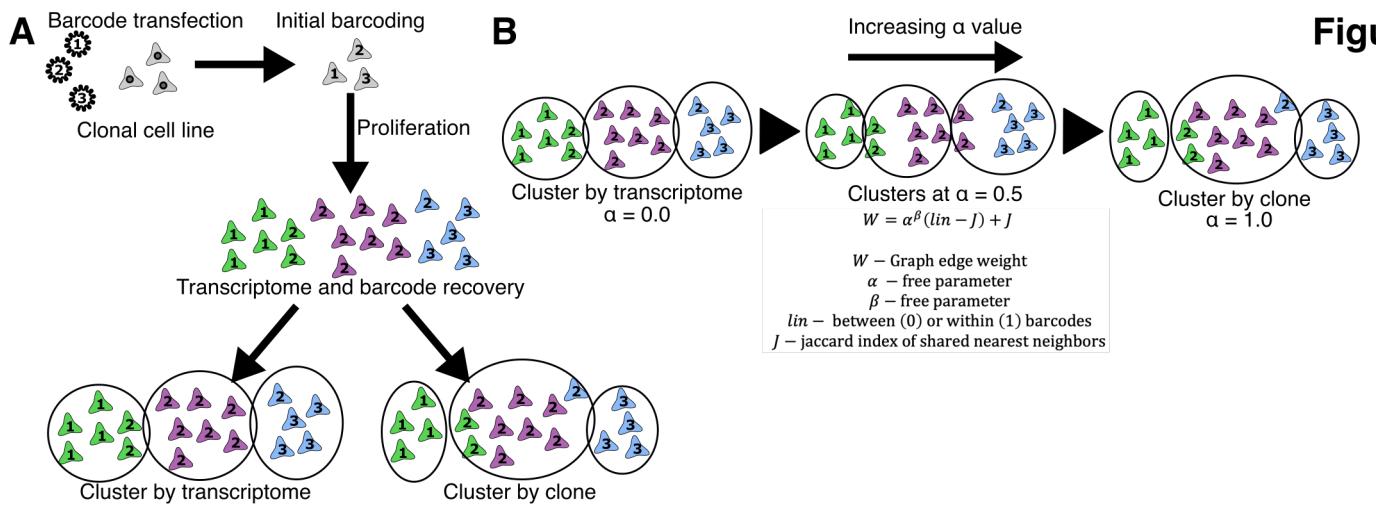
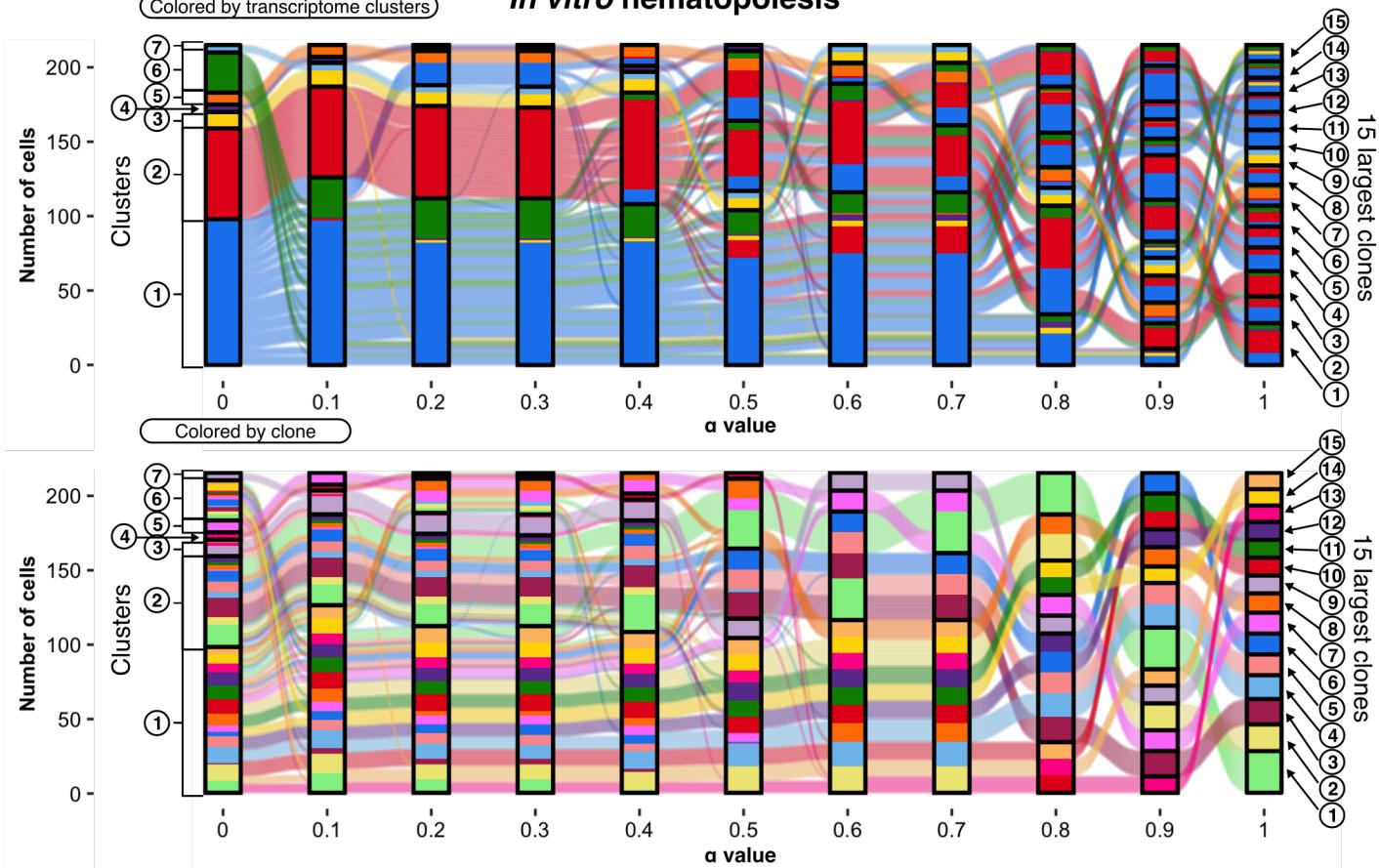


Figure 1



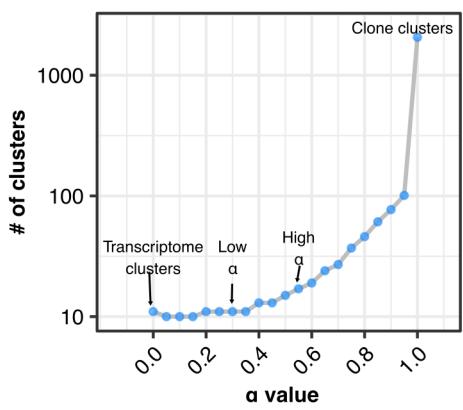
C

Weinreb et al. (2020)
In vitro hematopoiesis

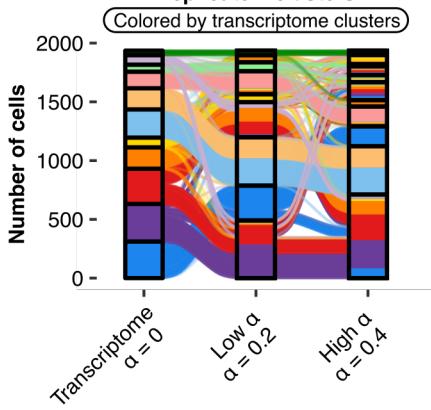


D

High dose BRAF inhibitor
 Replicate 1



Paclitaxel-treated breast cancer cells
 Replicate 1 clusters



Paclitaxel-treated breast cancer cells
 Replicate 1 clusters

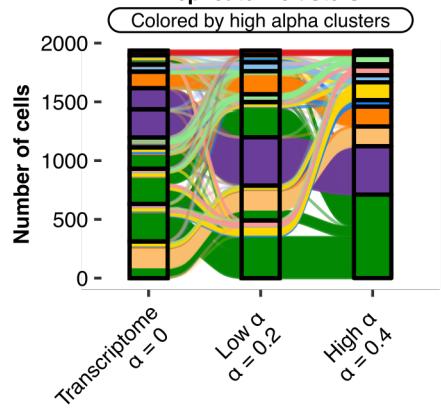


Figure 2

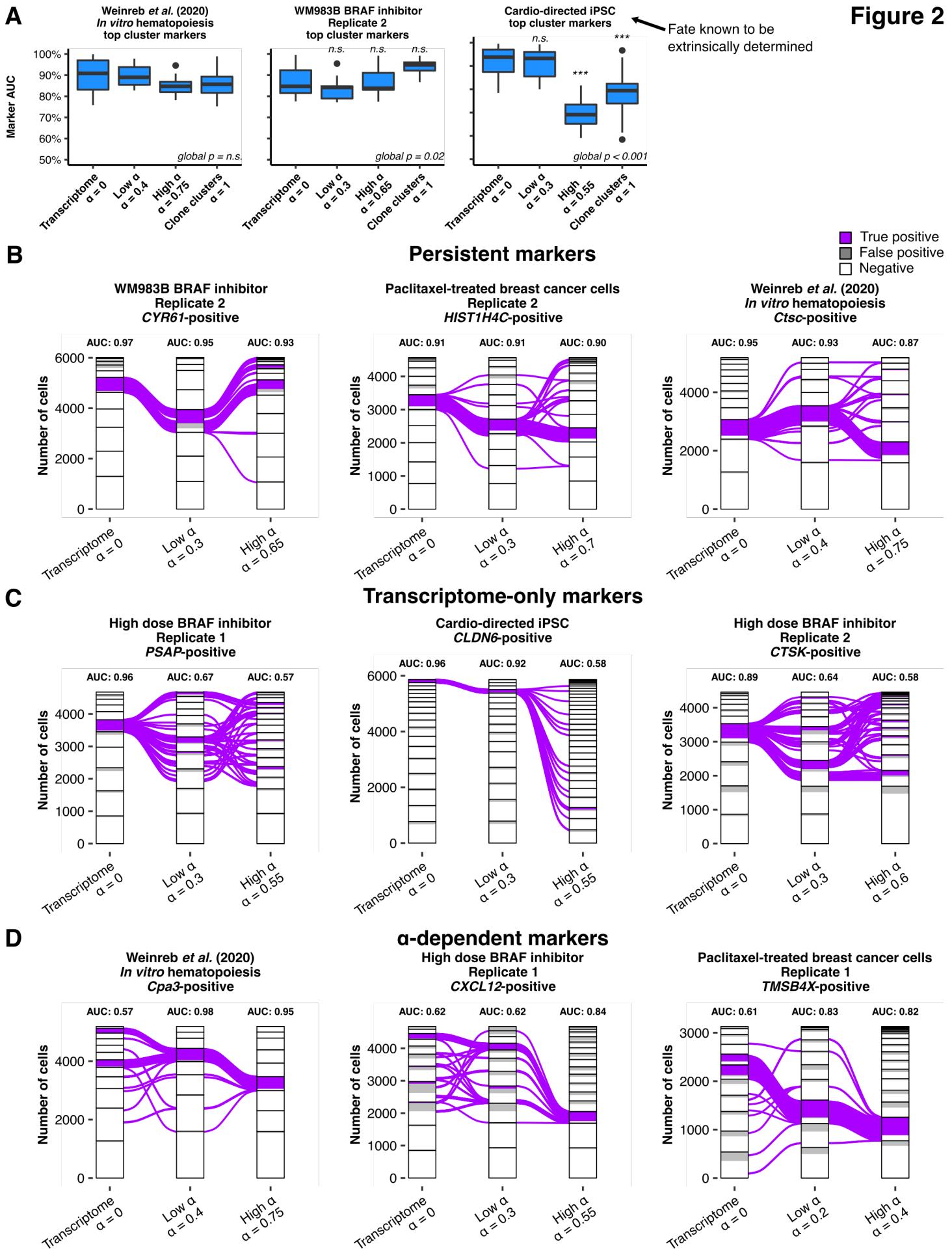


Figure 3

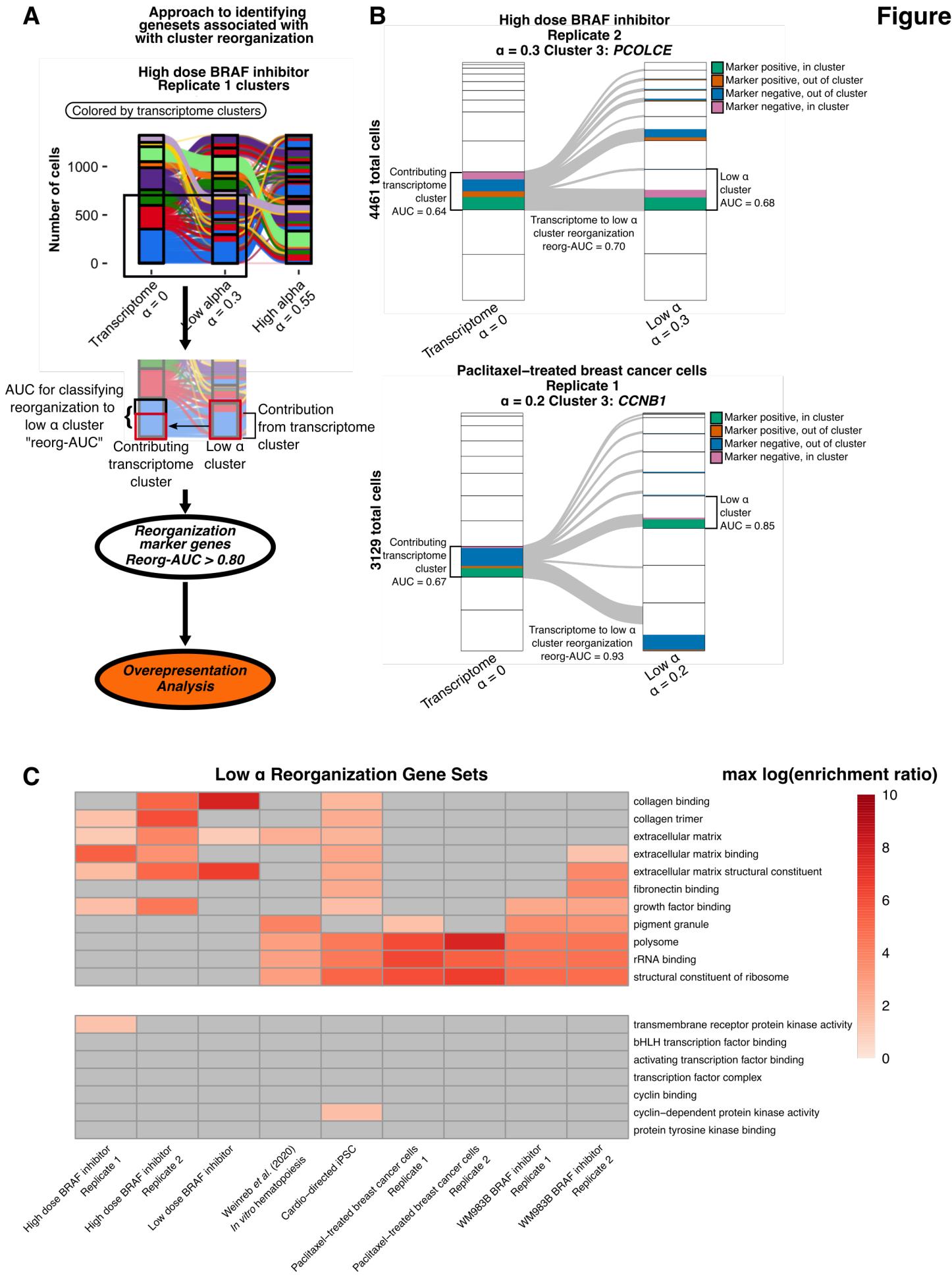
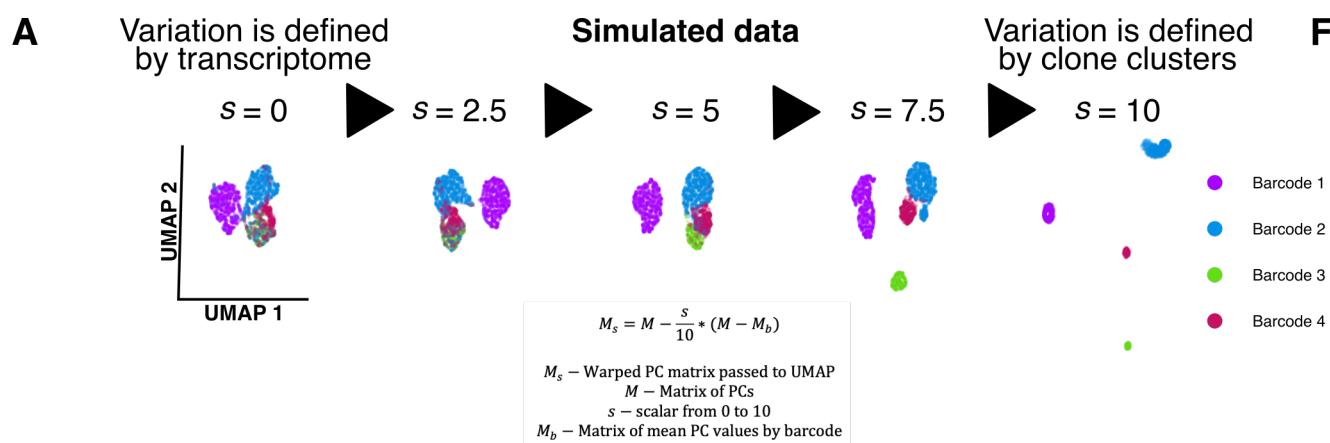
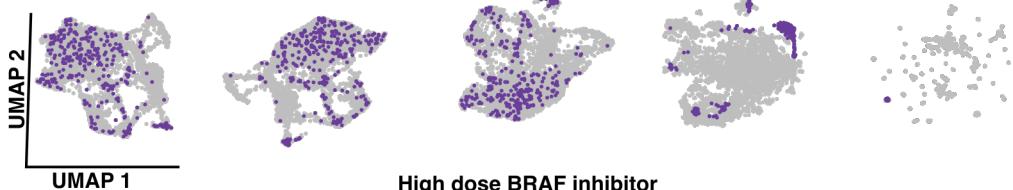


Figure 4

B $s = 0$ $s = 2.5$ $s = 5$ $s = 7.5$ $s = 10$

Cardio-directed iPSC



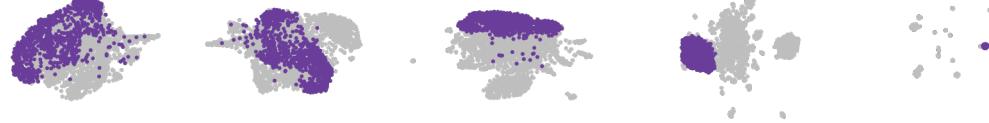
**High dose BRAF inhibitor
Replicate 1**



**Weinreb et al. (2020)
In vitro hematopoiesis**

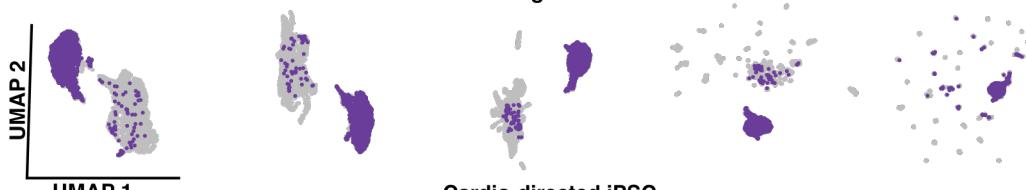


**Paclitaxel-treated breast cancer cells
Replicate 1**



C $s = 0$ $s = 2.5$ $s = 5$ $s = 7.5$ $s = 10$

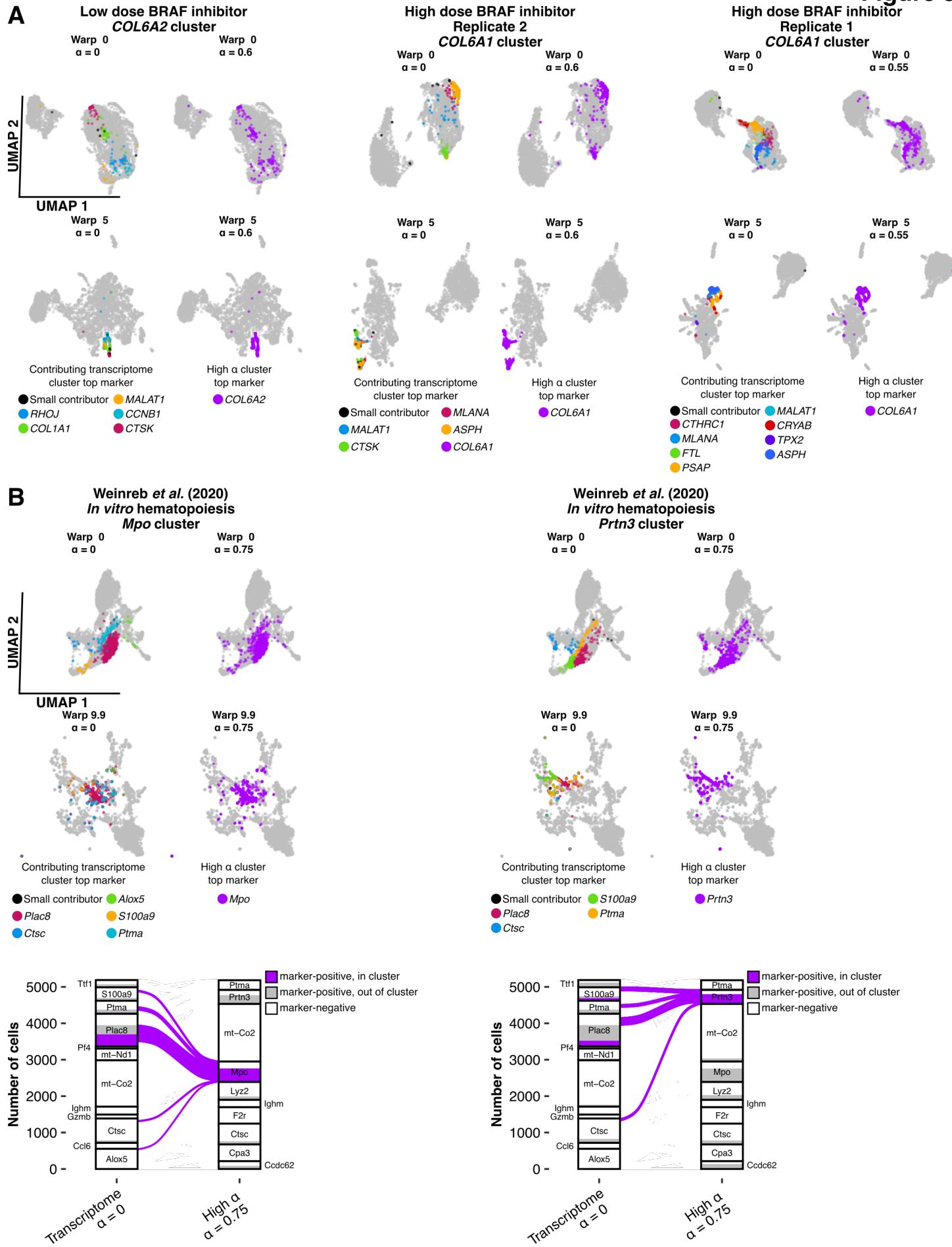
**High dose BRAF inhibitor
Replicate 1
Singlets**



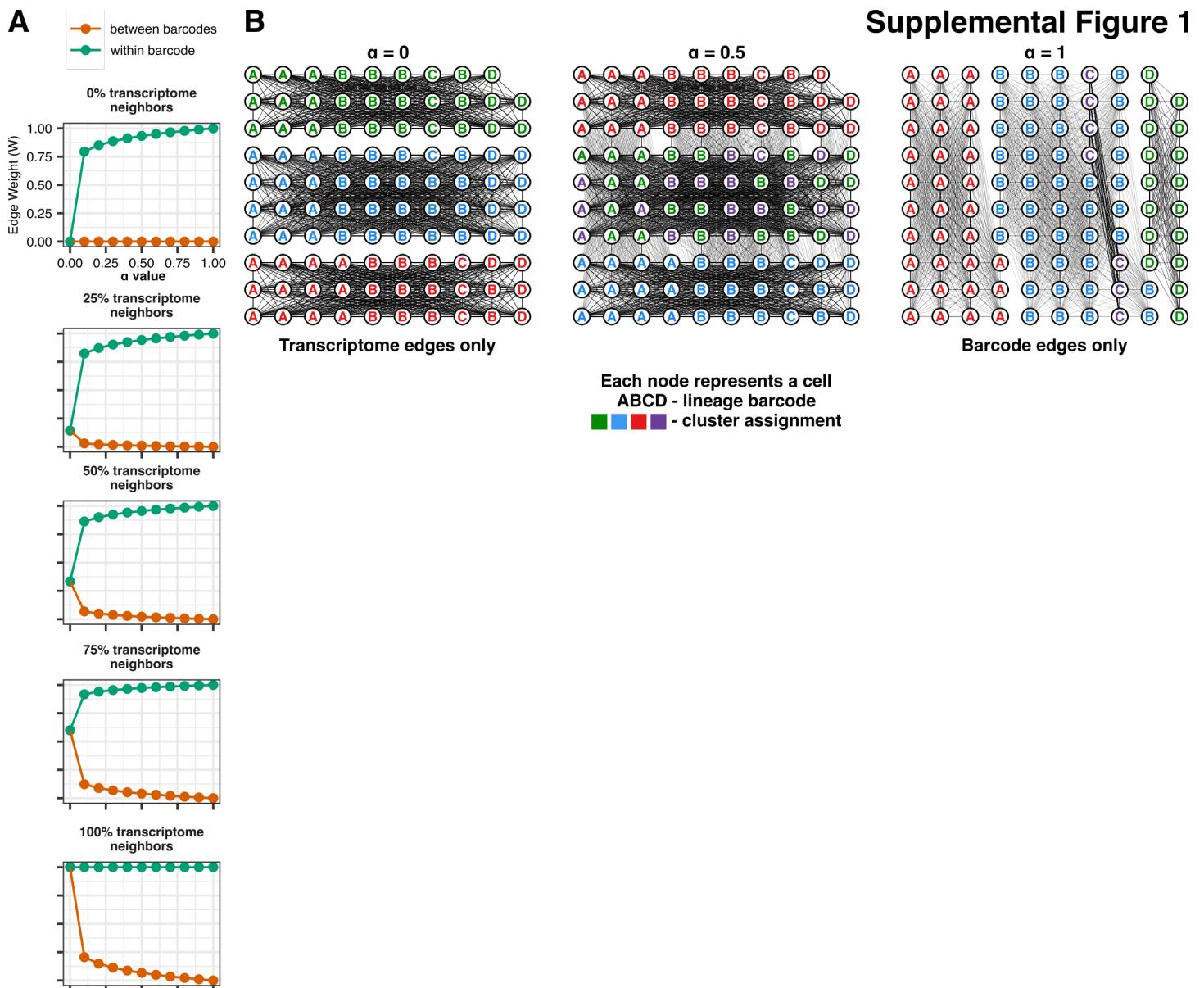
**Cardio-directed iPSC
Singlets**



Figure 5

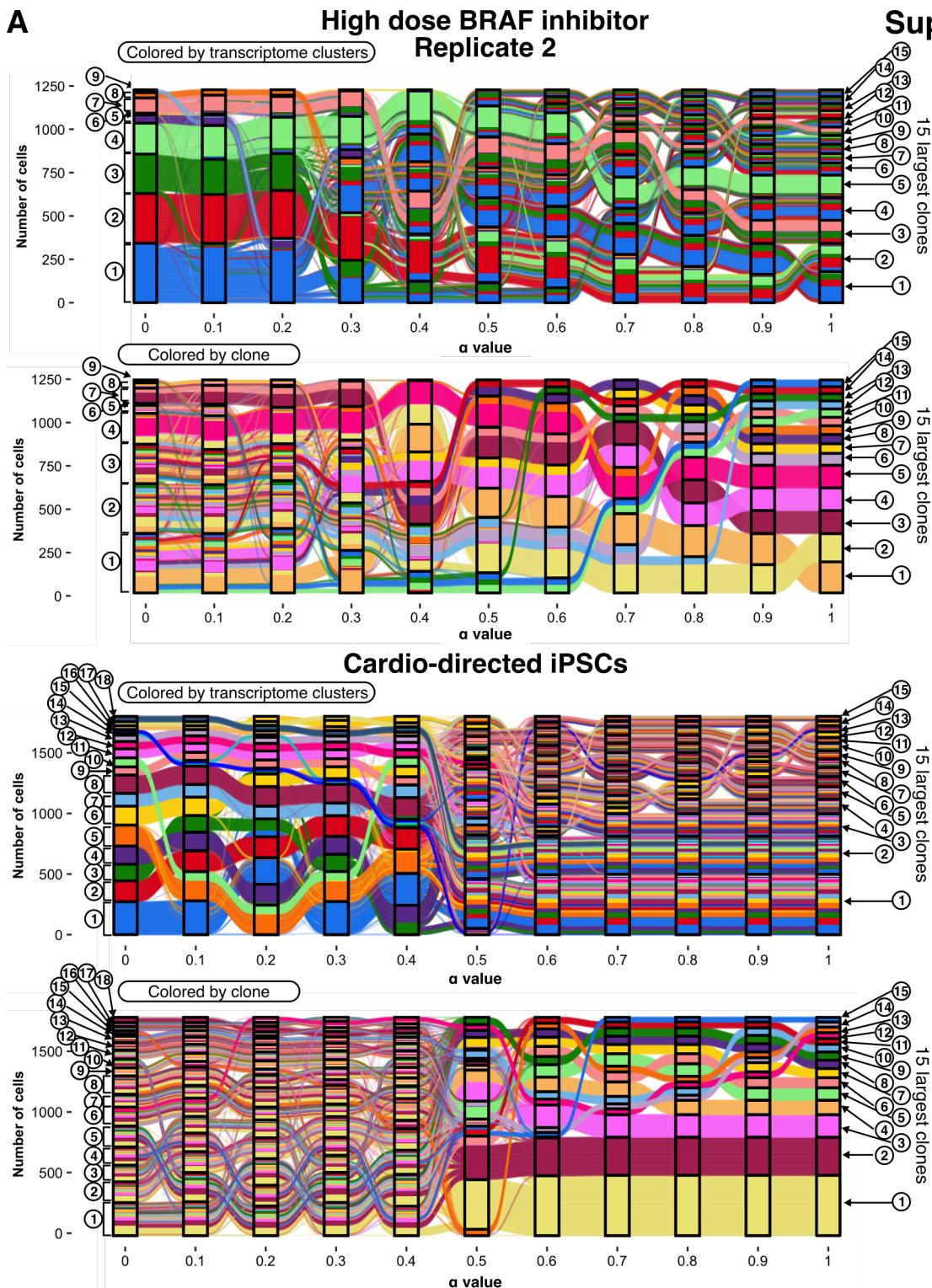


Supplemental Figure 1

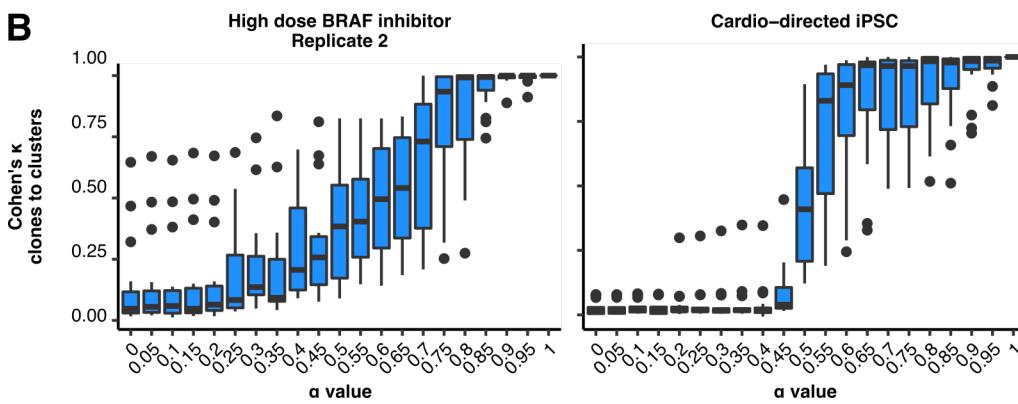


Supplemental Figure 2

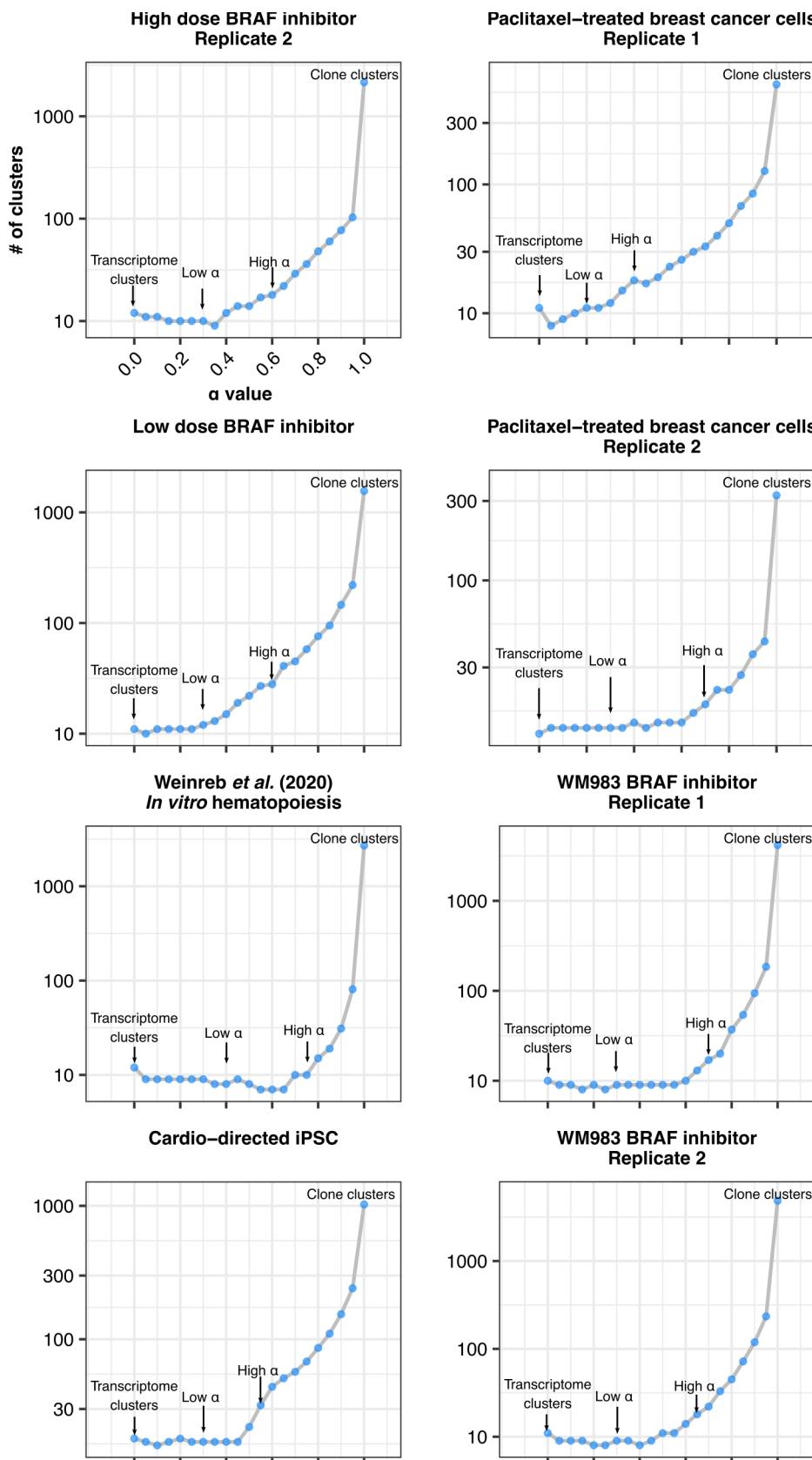
A



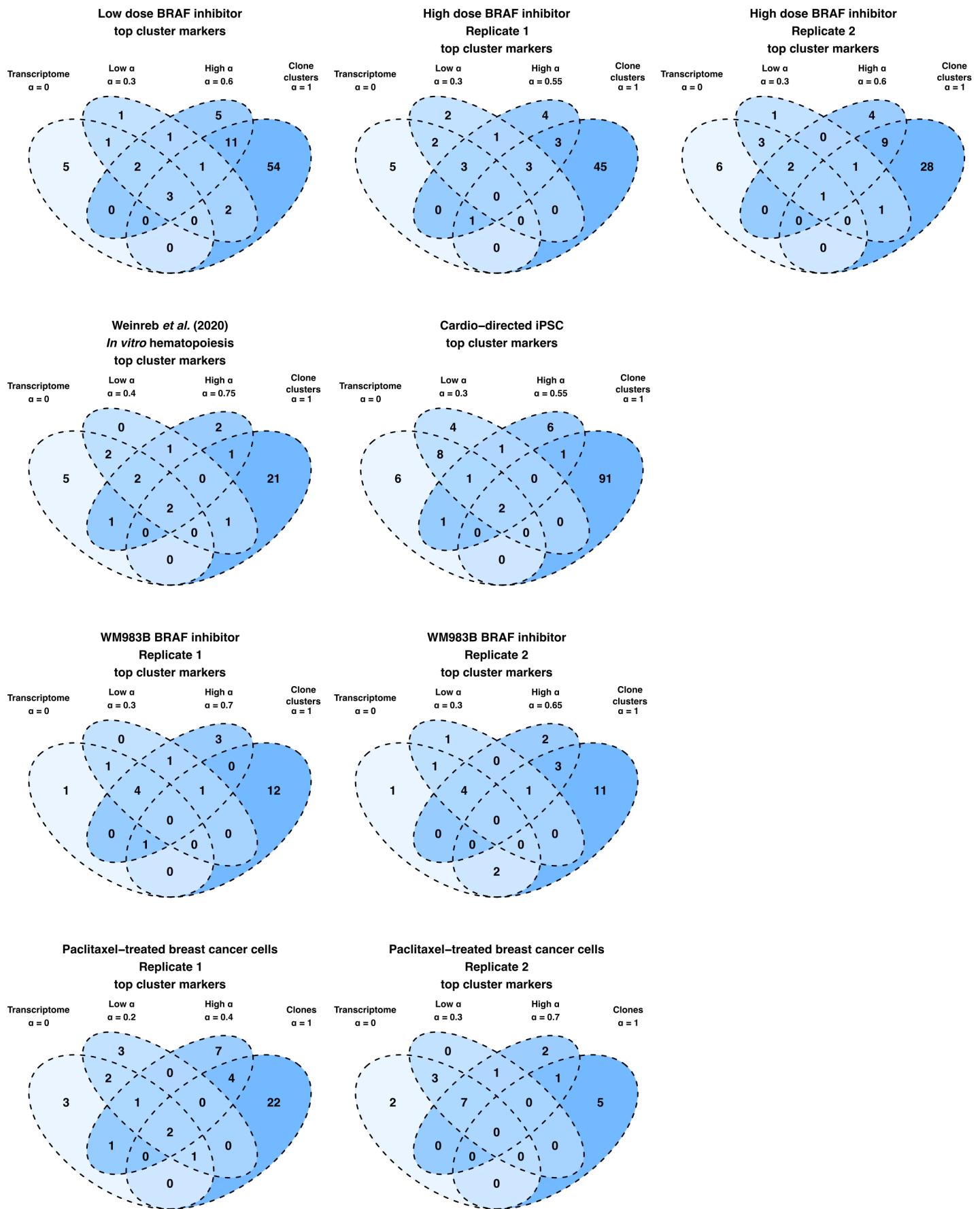
B



Supplemental Figure 3

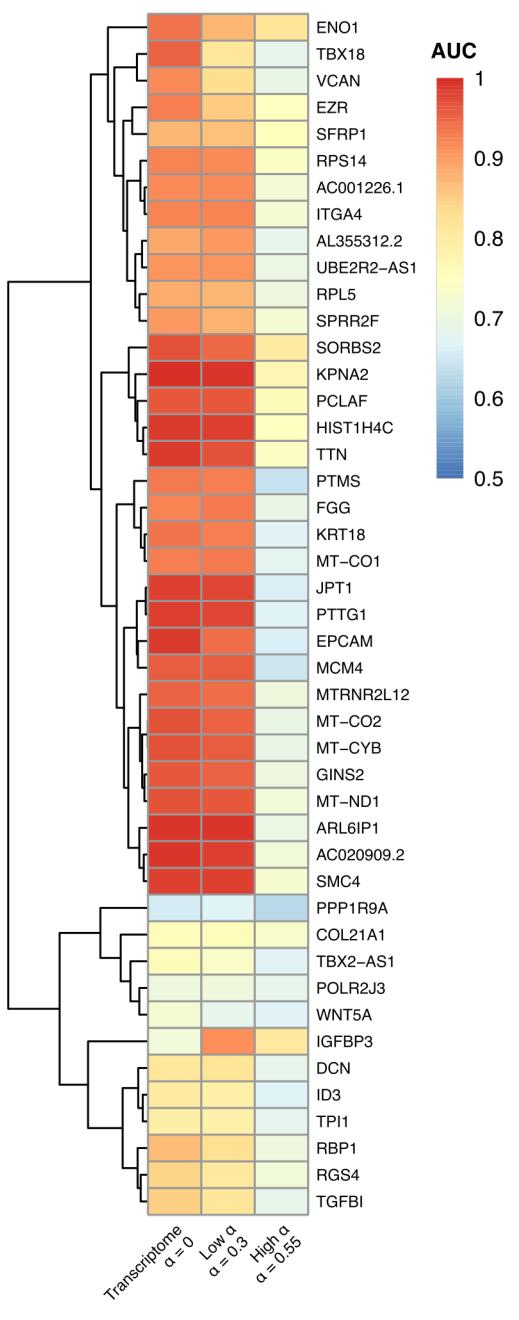


Supplemental Figure 4



Supplemental Figure 5

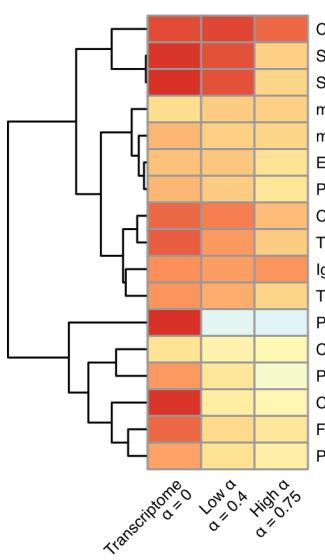
Cardio-directed iPSC



A

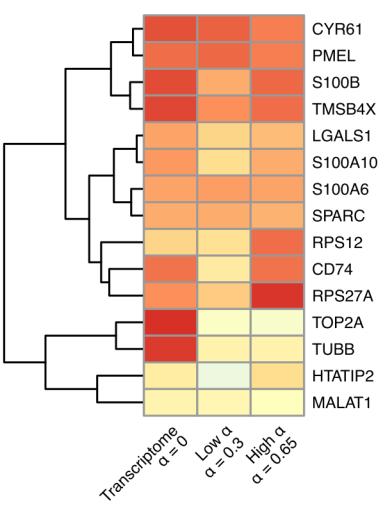
Weinreb et al. (2020)

In vitro hematopoiesis



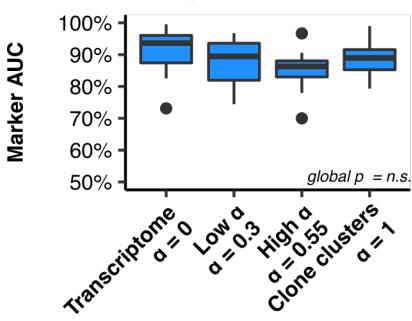
WM983B BRAF inhibitor

Replicate 2

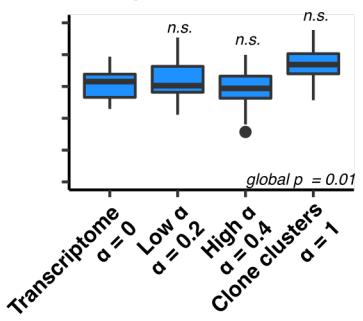


B

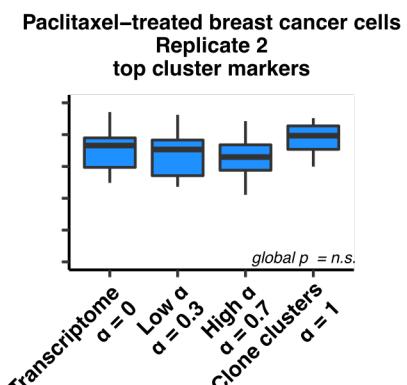
High dose BRAF inhibitor
Replicate 1
top cluster markers



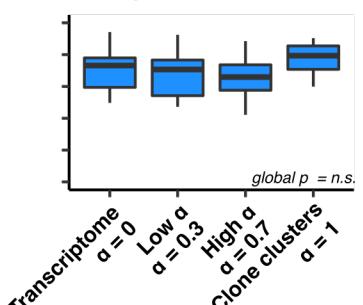
Paclitaxel-treated breast cancer cells
Replicate 1
top cluster markers



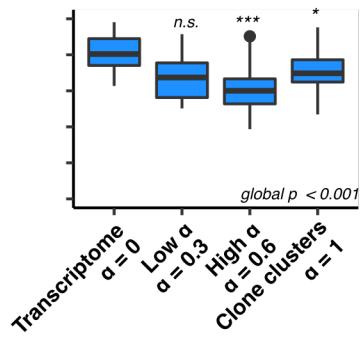
High dose BRAF inhibitor
Replicate 2
top cluster markers



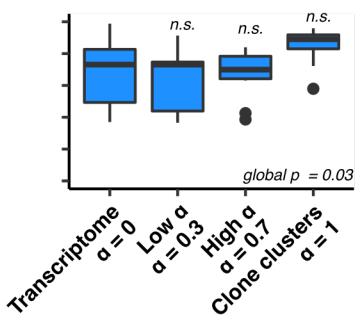
Paclitaxel-treated breast cancer cells
Replicate 2
top cluster markers

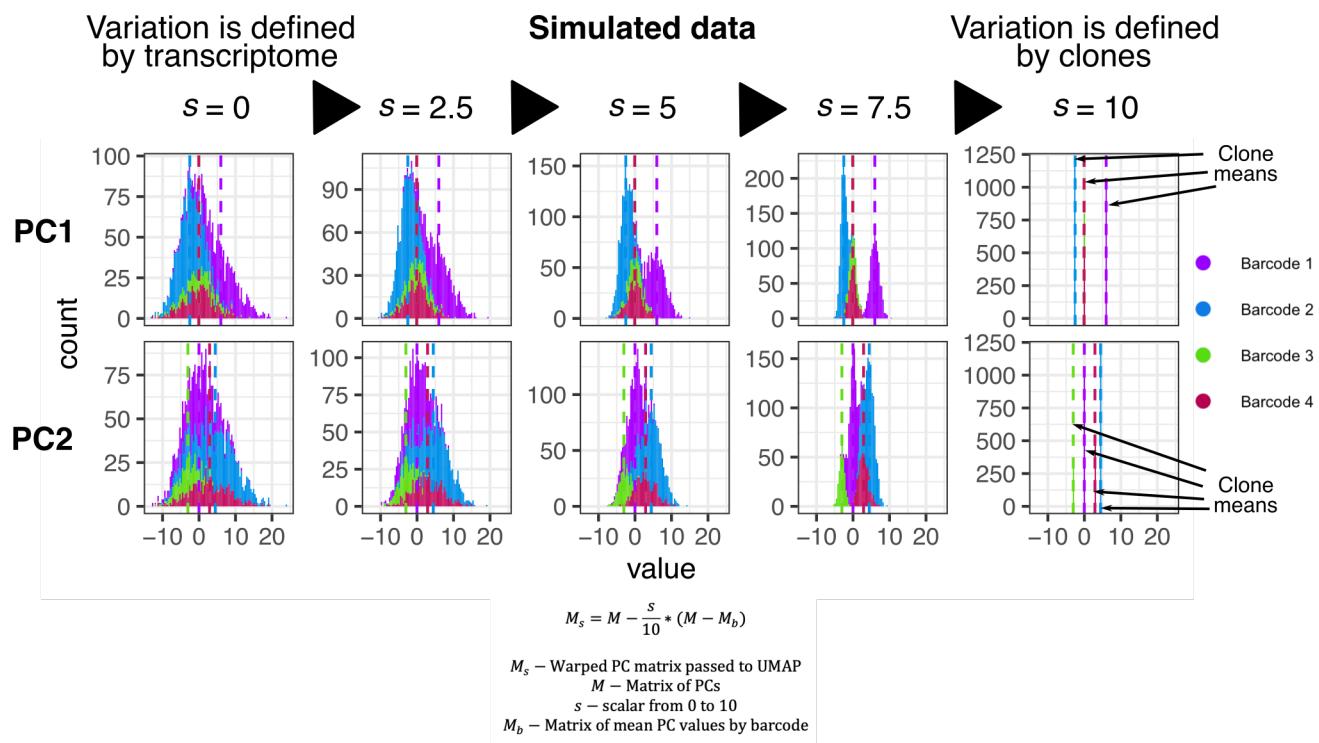


Low dose BRAF inhibitor
top cluster markers



WM983B BRAF inhibitor
Replicate 1
top cluster markers



A**Supplemental Figure 6****B**