

Figure 1

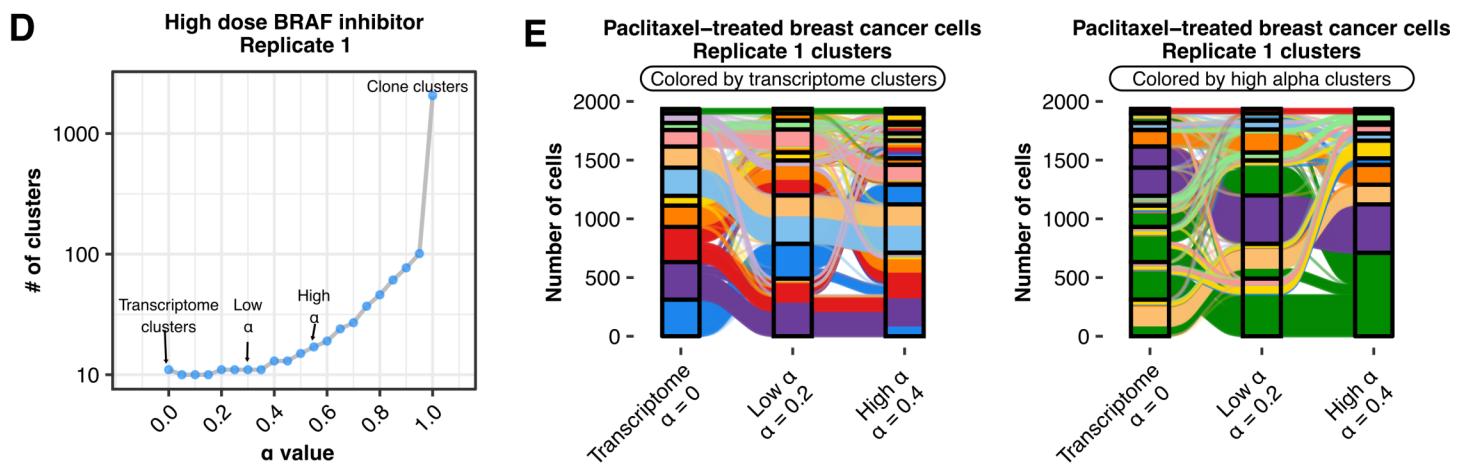
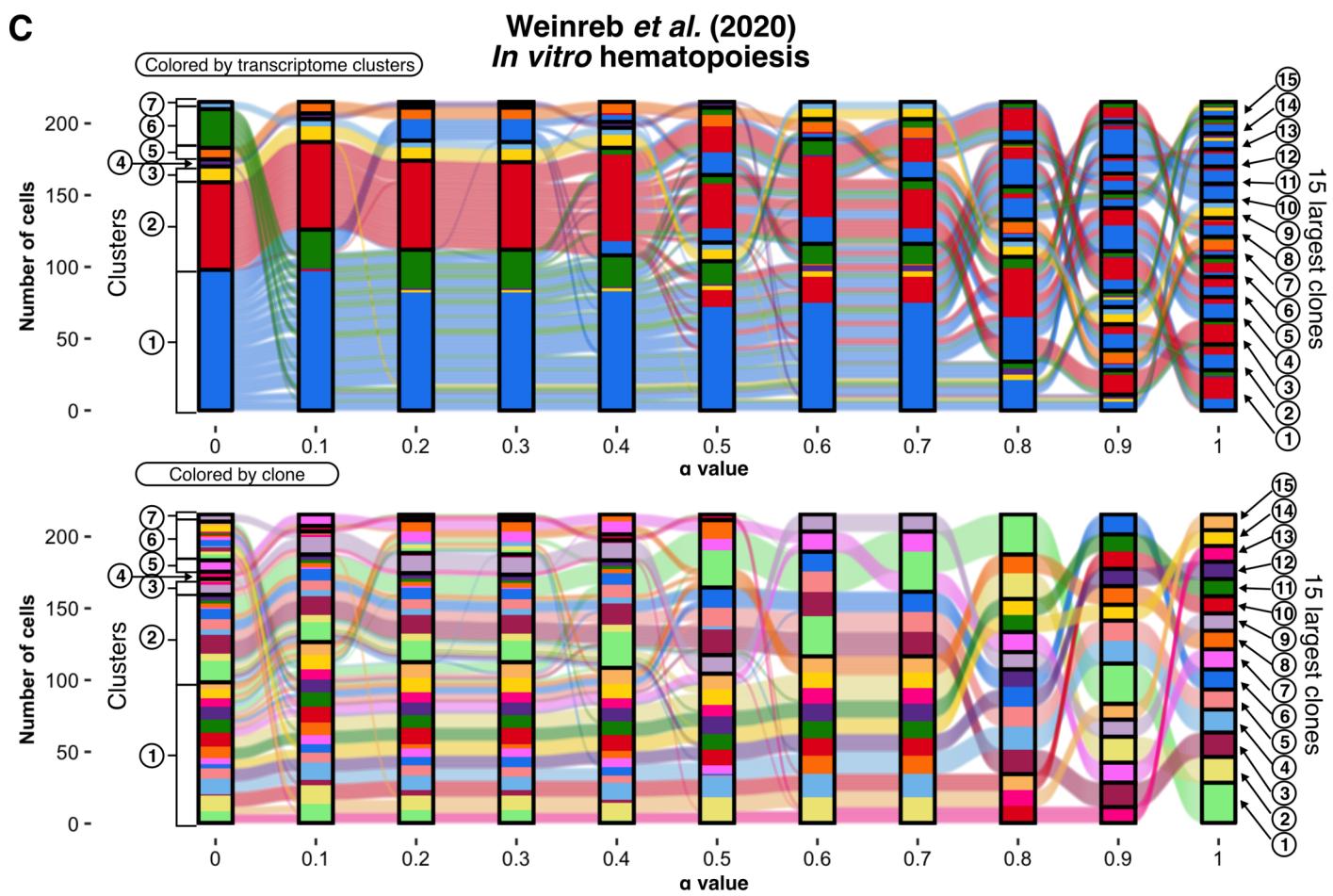
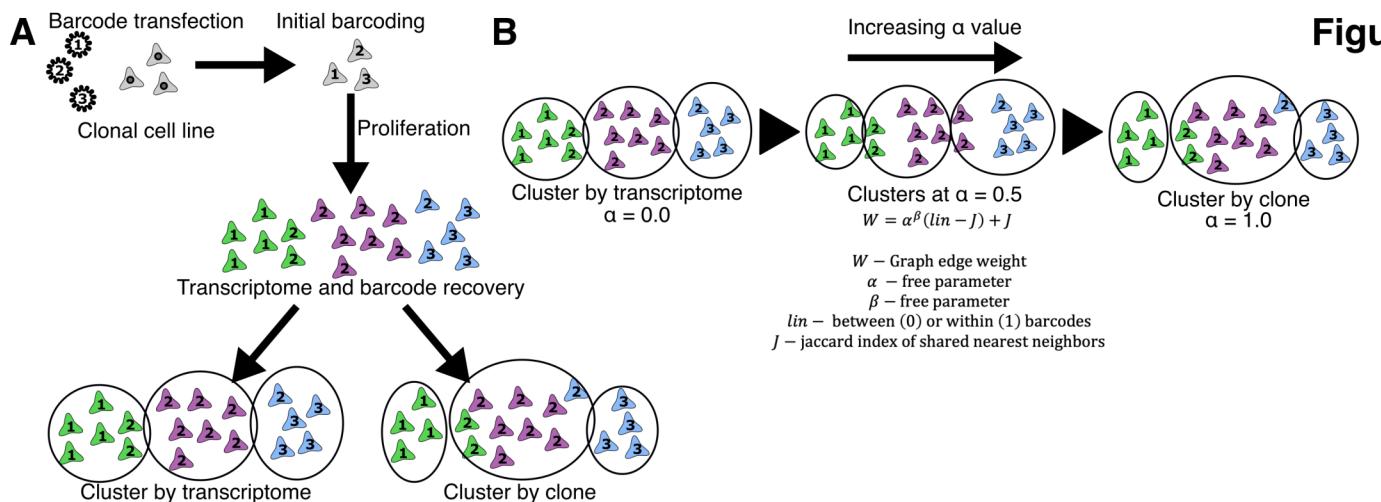


Figure 2

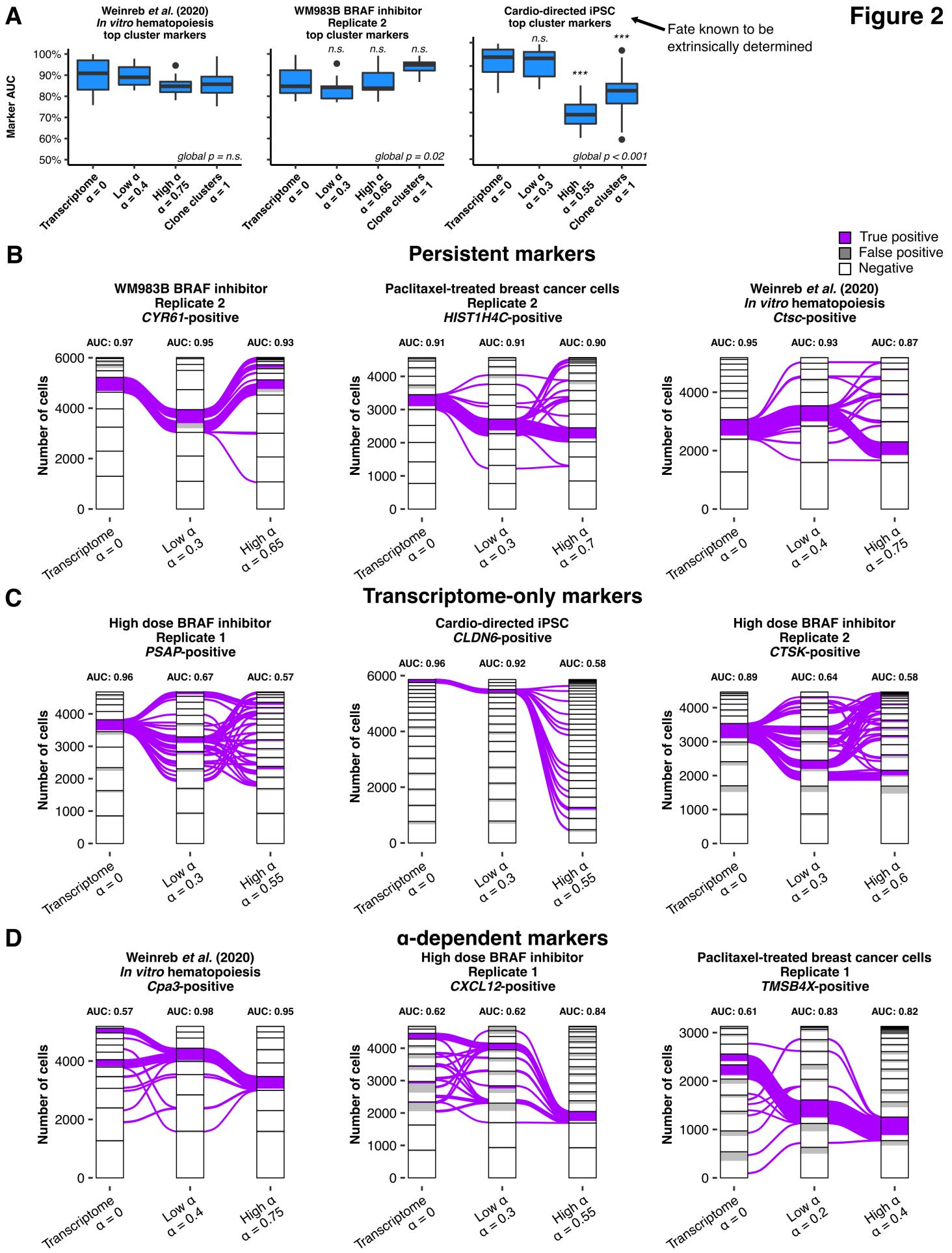


Figure 3

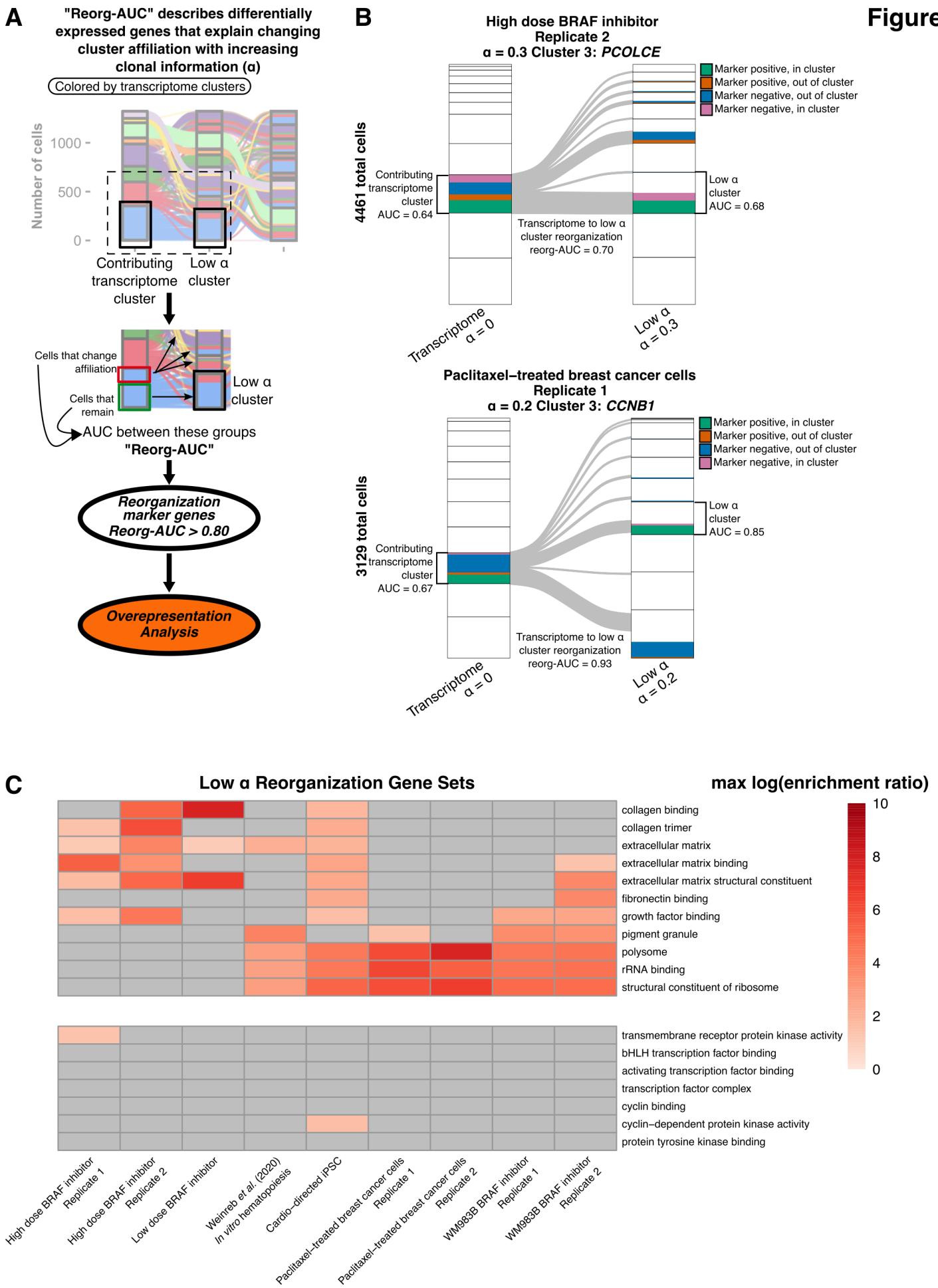


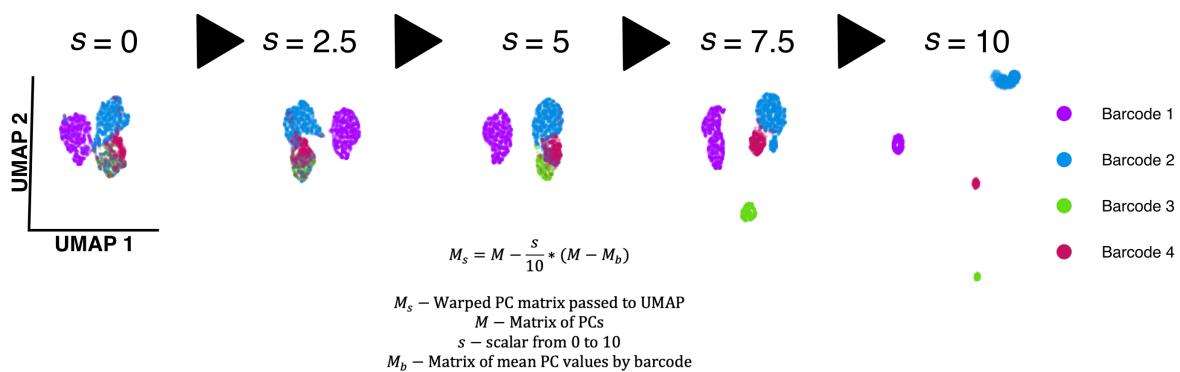
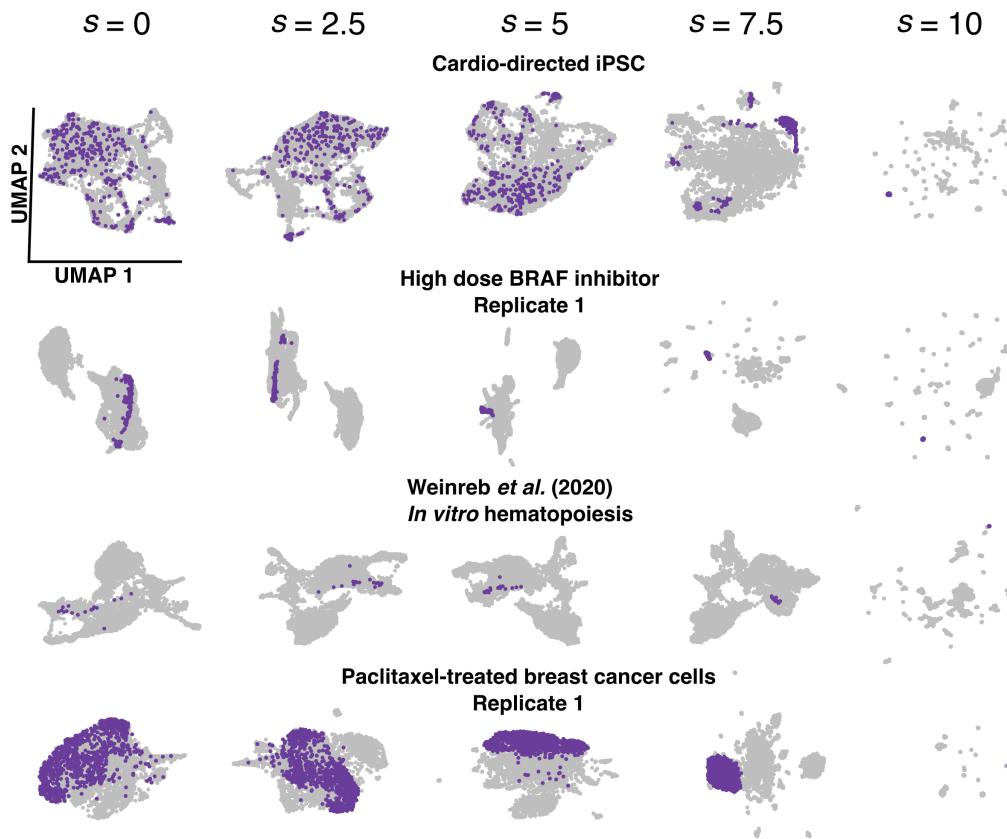
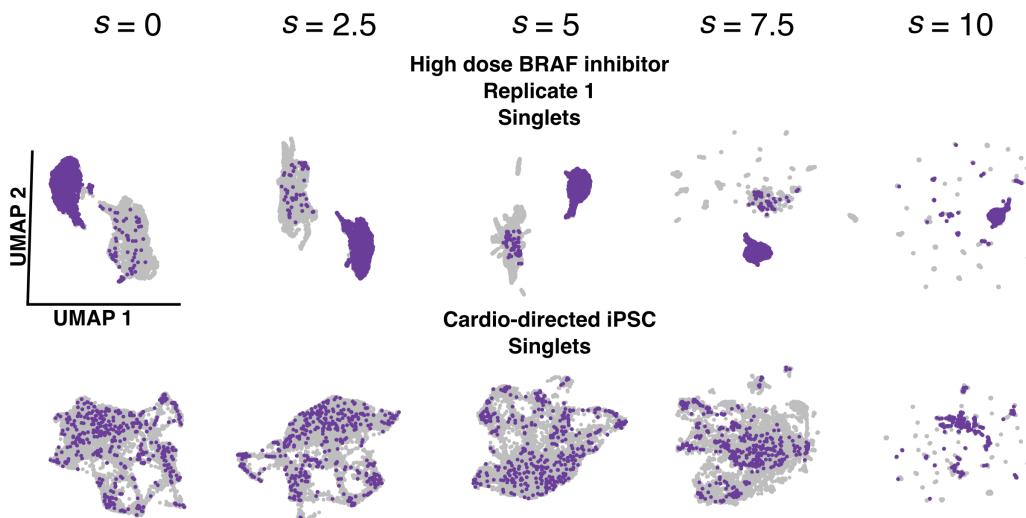
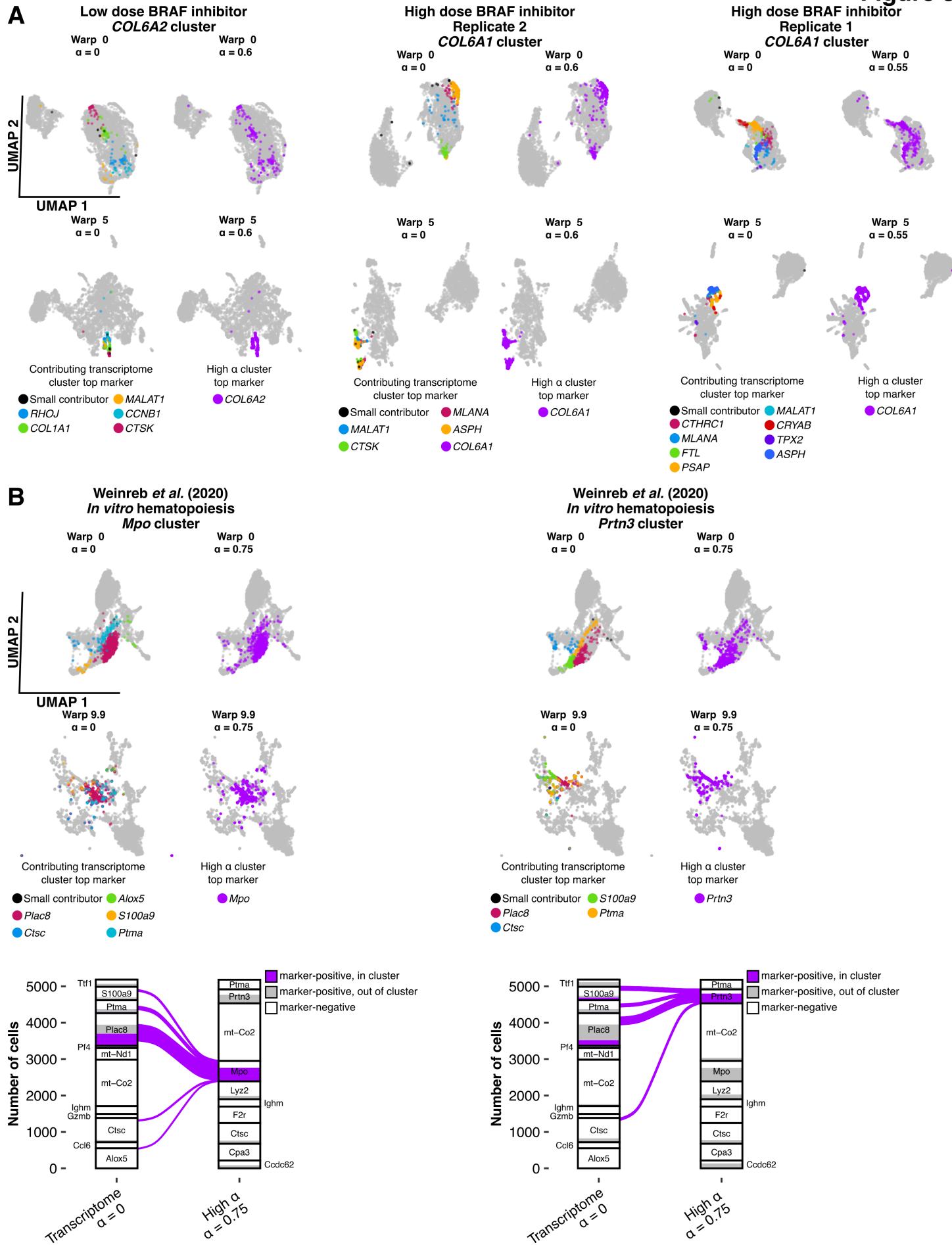
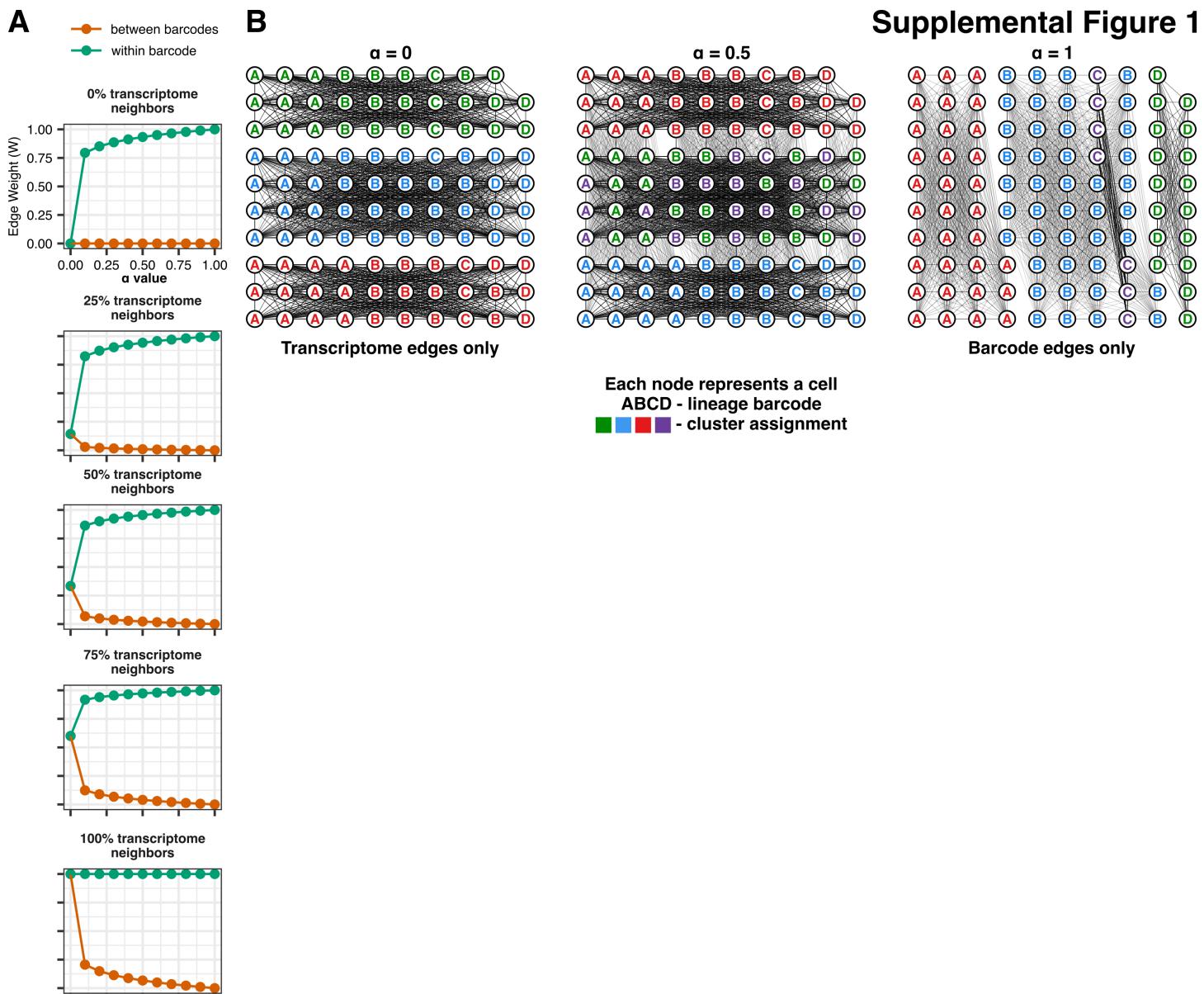
Figure 4**A****Simulated data****B****C**

Figure 5



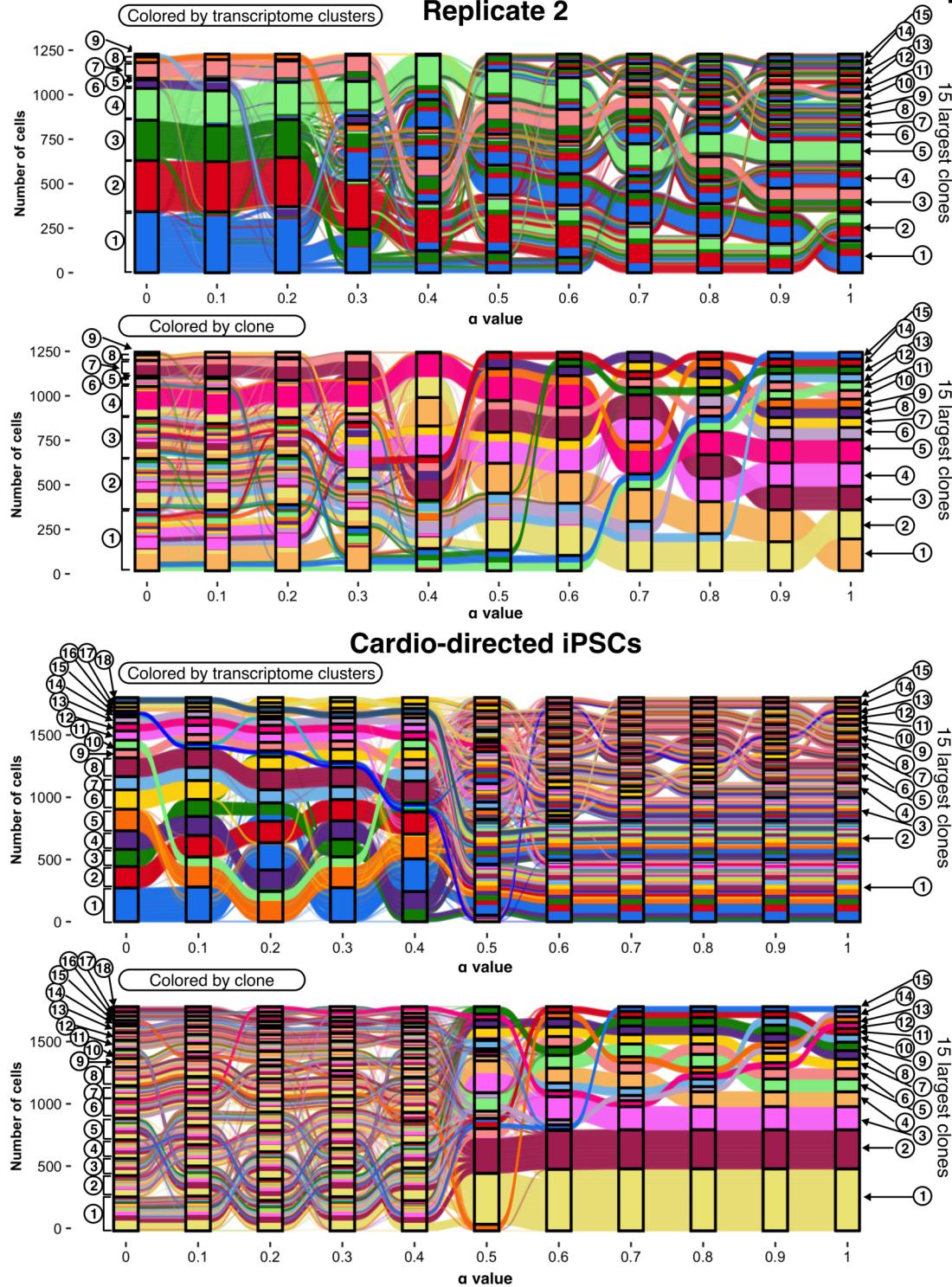
Supplemental Figure 1



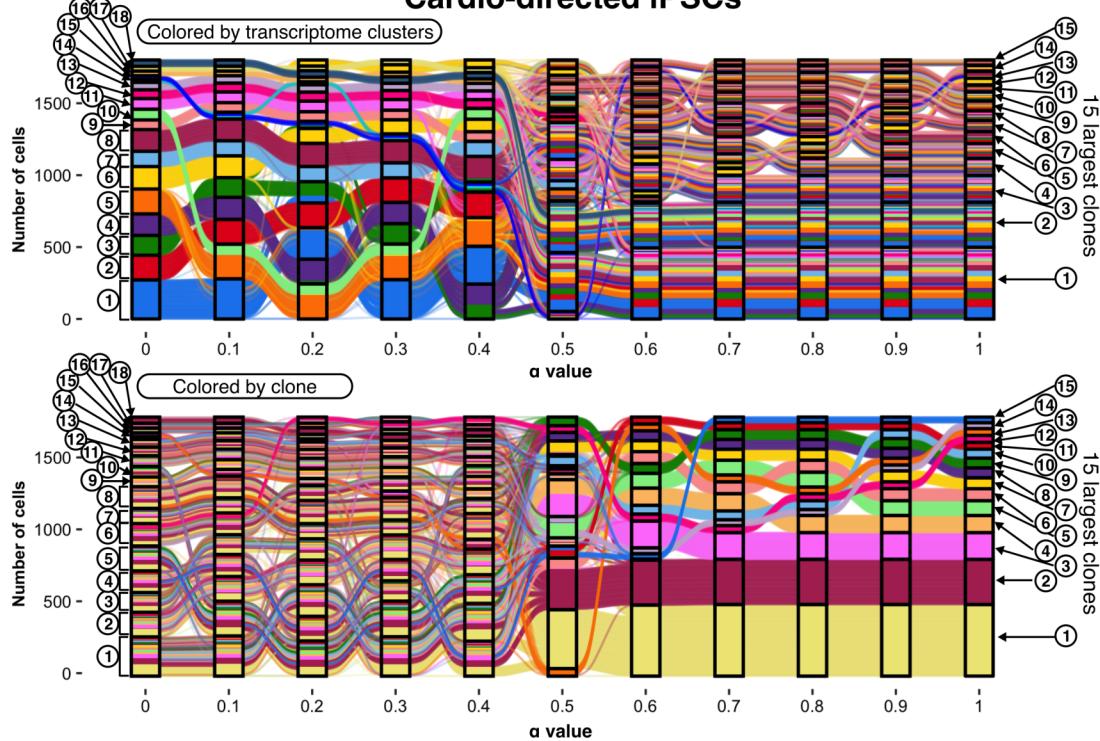
A

High dose BRAF inhibitor Replicate 2

Supplemental Figure 2

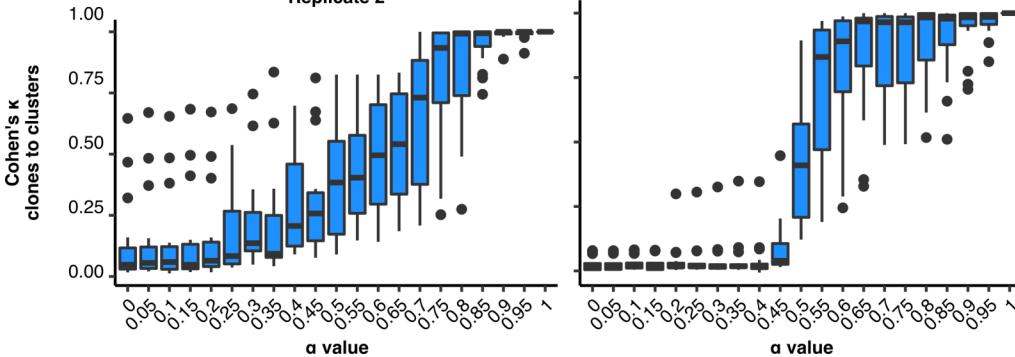


Cardio-directed iPSCs

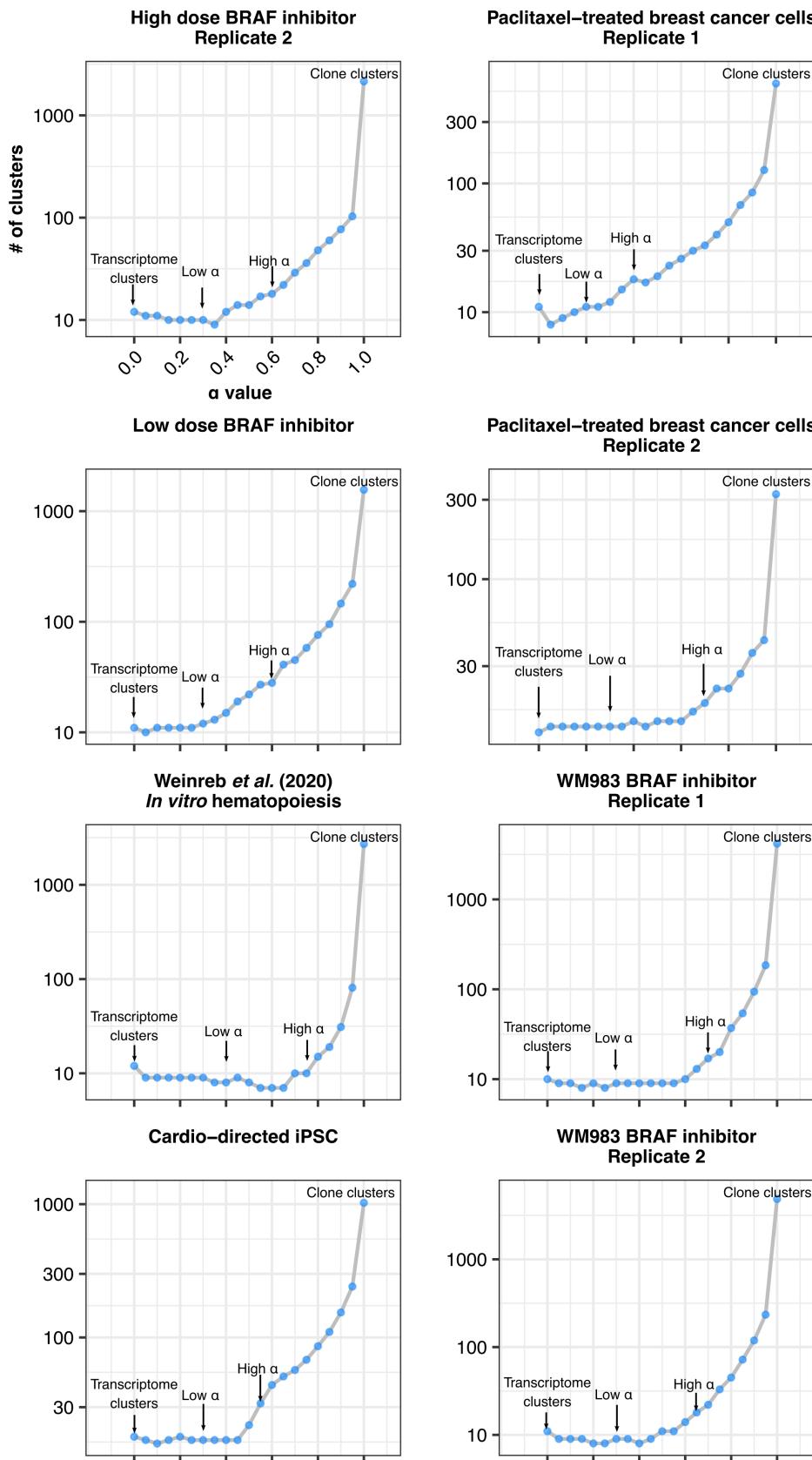
**B**

High dose BRAF inhibitor Replicate 2

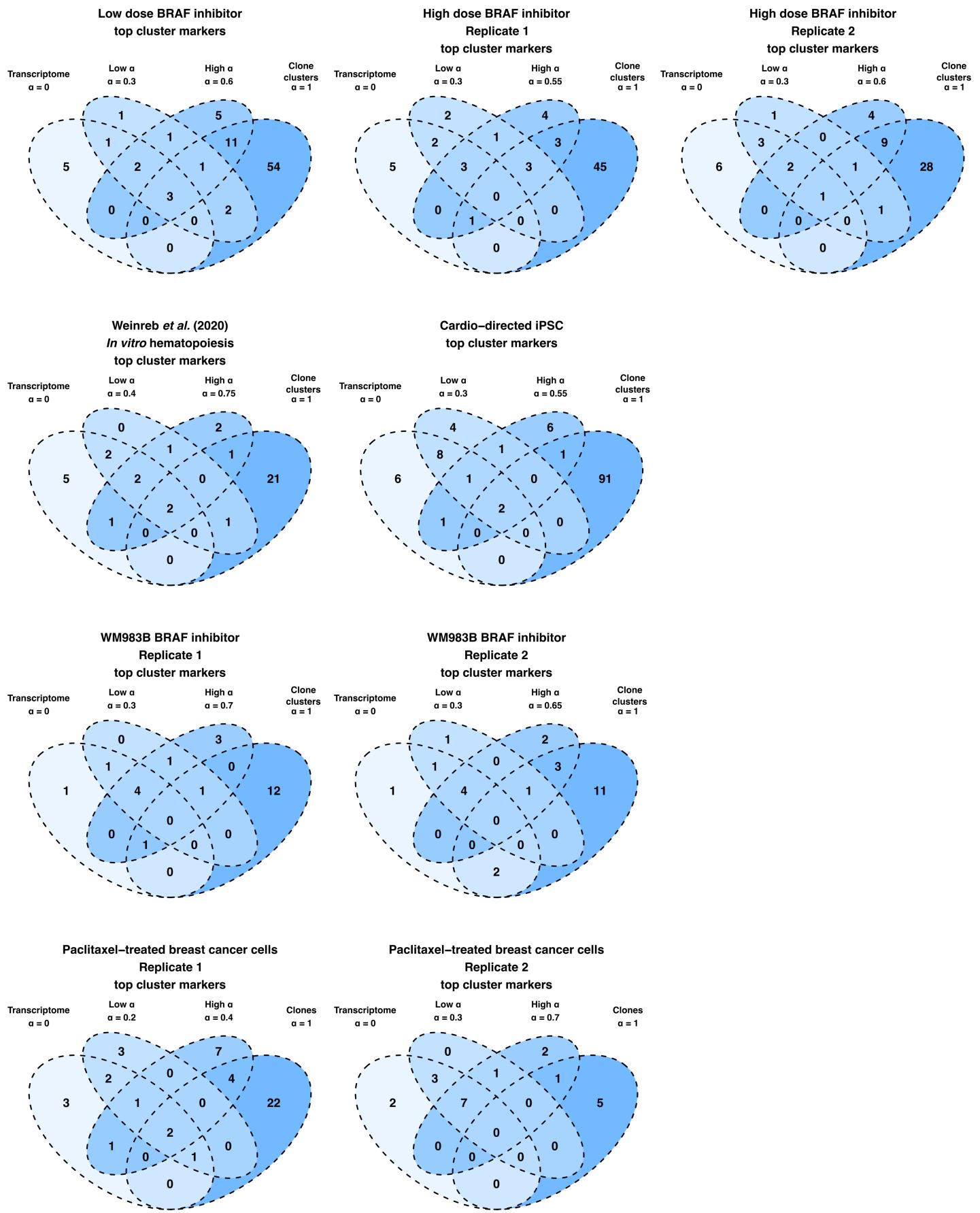
Cardio-directed iPSC



Supplemental Figure 3

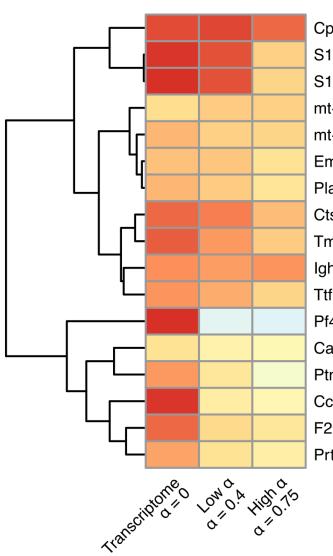


Supplemental Figure 4

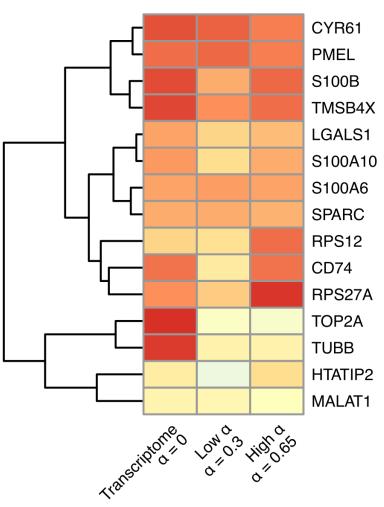


A

Weinreb et al. (2020)
In vitro hematopoiesis

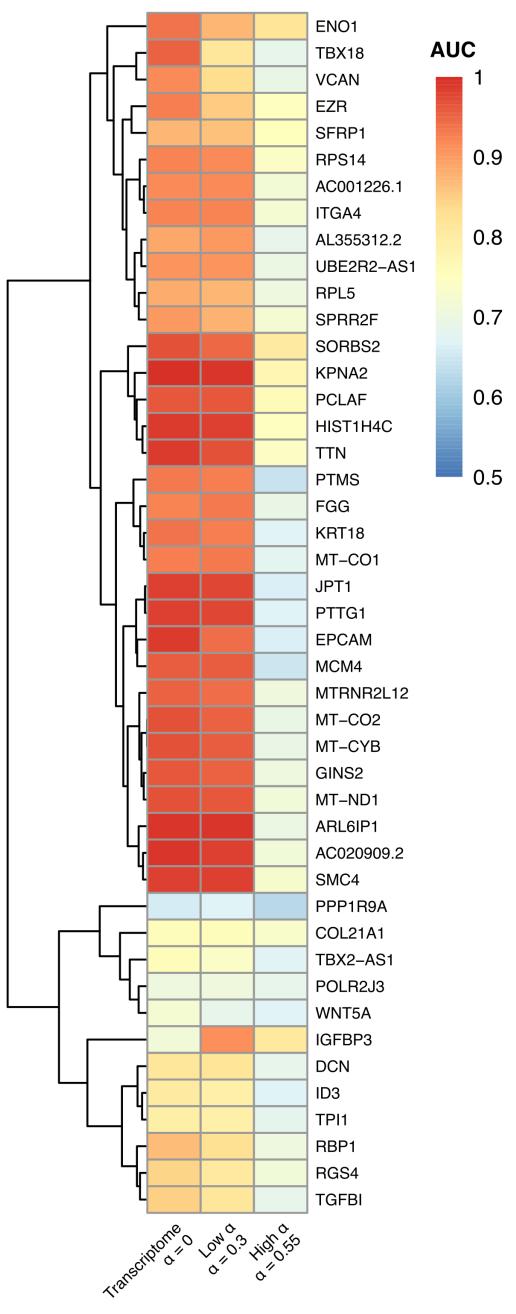


WM983B BRAF inhibitor
Replicate 2

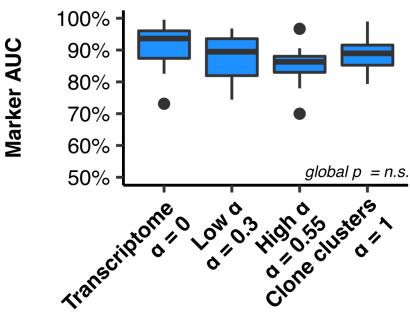


Supplemental Figure 5

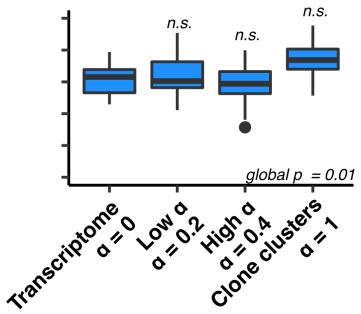
Cardio-directed iPSC

**B**

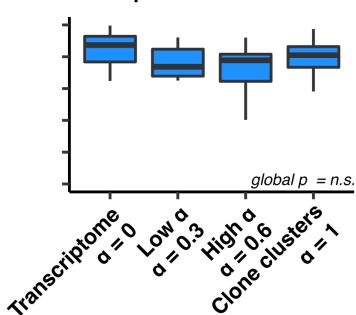
High dose BRAF inhibitor
Replicate 1
top cluster markers



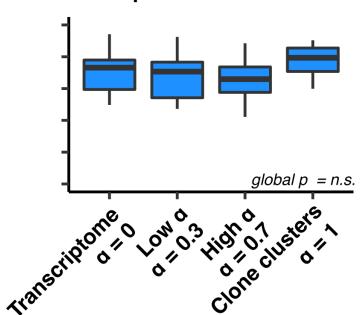
Paclitaxel-treated breast cancer cells
Replicate 1
top cluster markers



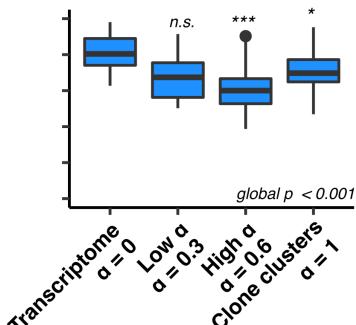
High dose BRAF inhibitor
Replicate 2
top cluster markers



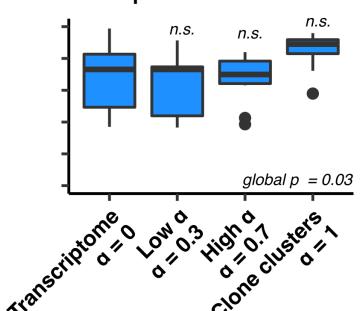
Paclitaxel-treated breast cancer cells
Replicate 2
top cluster markers

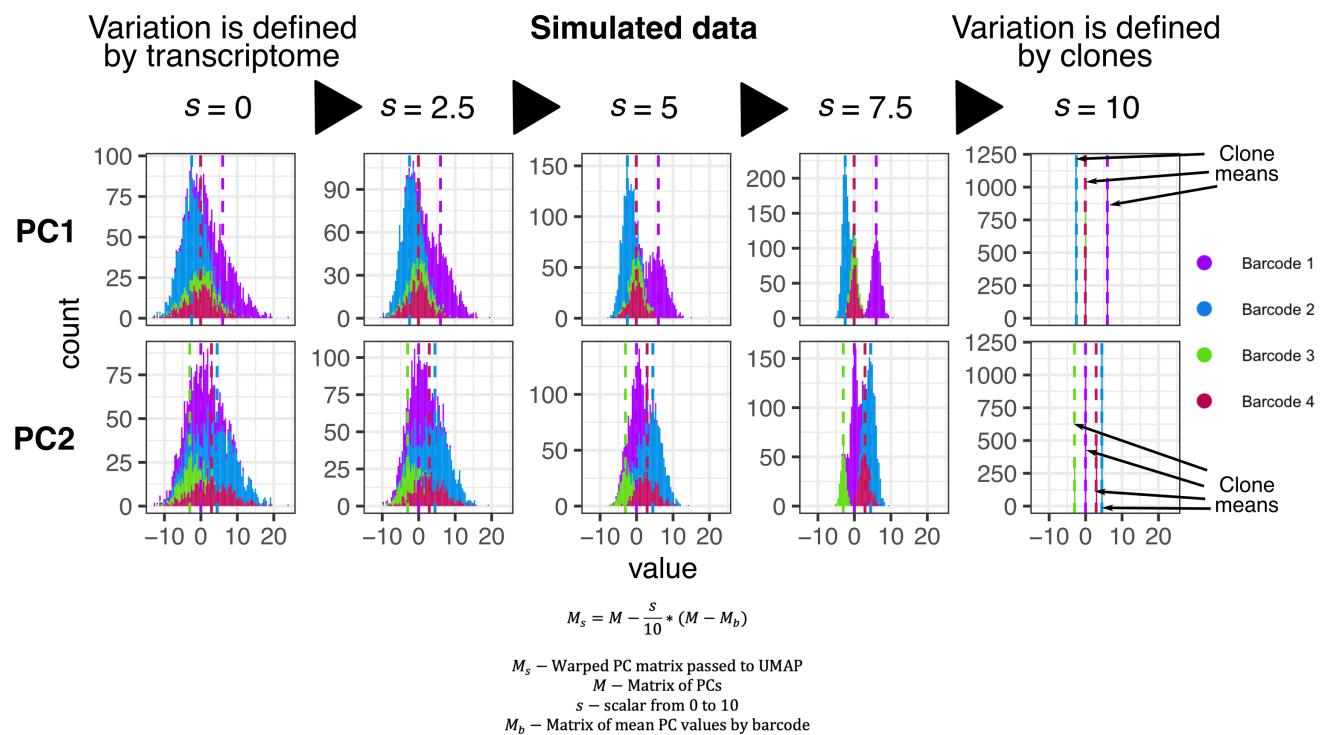
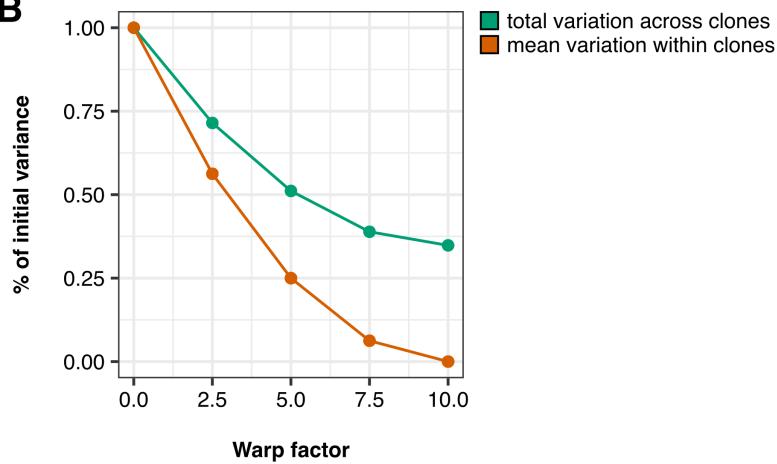


Low dose BRAF inhibitor
top cluster markers



WM983B BRAF inhibitor
Replicate 1
top cluster markers



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

Supplemental Figure 7

