

To continue, you must manually enter the Seurat cluster indices for the small (fast-dividing) and large (slow-dividing) idling and untreated clusters in the UMAP space. You can do this by inspecting the plots in the file 'scRNA/code/UMAP\_combined\_SKMEL5\_hg38\_qcCCReg\_allPlots.pdf'.

Open the file and press [enter] when you're ready to continue.

Input index for small, fast-dividing idling cluster (IS): 5

Input indices (separated by spaces) for large, slow-dividing idling cluster (IL): 0 3 6 7

Input index for small, fast-dividing untreated cluster (UTS): 8

Input indices (separated by spaces) for large, slow-dividing untreated cluster (UTL): 1 2 4 9

[1] "IS\_idx: 5"

[1] "IL\_idx: 0 3 6 7"

[1] "UTS\_idx: 8"

[1] "UTL\_idx: 1 2 4 9"

Press [enter] to continue