deseq\_all\_clustered\_pops

**→ input** 

data/raw/paper\_specific/DESeq2/cluster\_wise/Cyc\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Cyc\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/DC.Mono\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/DC.Mono\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/GMP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/GMP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.II\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.II\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.I\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.I\_cts\_all\_hpc.csv data/raw/paper specific/DESeq2/cluster wise/MEP coldata all hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MEP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.II\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.II\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.I\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.I\_cts\_all\_hpc.csv

output data/processed/DESeq2/results/Normed counts/{fl core version}/Cyc DESeq normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/DC.Mono\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/GMP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed counts/{fl core version}/HSC DESeq normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/Ly.II\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/Ly.I\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/MEP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/MPP.II\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/MPP.I\_DESeq\_normed.txt data/processed/DESeq2/results/Normed counts/{fl core version}/only FL DESeq normed.txt

data/processed/DESeq2/results/{fl\_core\_version}/Cyc\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/Cyc\_FL\_yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/DC.Mono\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/DC.Mono\_FL\_yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/FL\_MPPI\_HSC.rnk data/processed/DESeq2/results/{fl\_core\_version}/FL\_MPPI\_MPPII.rnk data/processed/DESeq2/results/{fl\_core\_version}/GMP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/GMP\_FL\_yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/HSC\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/HSC\_FL\_yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/Ly.II\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/Ly.II\_FL\_yBM.rnk data/processed/DESeq2/results/{fl core version}/Ly.I FL yBM.csv

data/processed/DESeq2/results/{fl core version}/Ly.I FL yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/MEP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MEP\_FL\_yBM.rnk data/processed/DESeq2/results/{fl core version}/MPP.II FL yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MPP.II\_FL\_yBM.rnk data/processed/DESeq2/results/{fl\_core\_version}/MPP.I\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MPP.I\_FL\_yBM.rnk

# deseq\_produce\_fl\_core

**→** input

data/processed/DESeq2/results/{fl\_core\_version}/Cyc\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/DC.Mono\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/GMP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/HSC\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/Ly.II\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/Ly.I\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MEP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MPP.II\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/MPP.I\_FL\_yBM.csv output -

data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Cyc\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Cyc\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/DC.Mono\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/DC.Mono\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/GMP\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/GMP\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/HSC\_neg.csv data/processed/DESeq2/results/sub setter/{fl core version}/HSC pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Ly.II\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Ly.II\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Ly.I\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/Ly.I\_pos.csv data/processed/DESeq2/results/sub setter/{fl core version}/MEP neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/MEP\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/MPP.II\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/MPP.II\_pos.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/MPP.I\_neg.csv data/processed/DESeq2/results/sub\_setter/{fl\_core\_version}/MPP.I\_pos.csv data/processed/DESeq2/results/{fl\_core\_version}/Adult\_signature\_p005.txt data/processed/DESeq2/results/{fl core version}/DE genes.csv

data/processed/DESeq2/results/{fl\_core\_version}/Fetal\_signature\_p005.txt

### single\_cell\_deg

**→** input

data/processed/notebooks/mapping\_predictions/RNA\_FL\_target\_preds.json data/processed/seurat/CS22/FL\_combined\_metadata.csv data/raw/cite\_cell\_matrices data/raw/paper\_specific/from\_seurat/FL\_BM\_combined\_metadata.csv

output →

data/interim/single\_cell\_deg/FL\_cells.csv data/interim/single\_cell\_deg/yBM\_cells.csv data/processed/DESeq2/results/FLcoreSC/Cyc\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Cyc\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/DC.Mono\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/DC.Mono\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/GMP\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/GMP\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/HSC\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/HSC\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.II BM specific markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.II\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.I\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.I\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MEP\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MEP\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.II\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.II\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.I\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.I\_FL\_specific\_markers.csv

## deseq\_all\_gated\_pops

**→** input

data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD38neg\_MPP\_coldata\_all\_hpc.csv data/raw/paper specific/DESeq2/gate wise/CD38neg MPP cts all hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_coldata\_all\_hpc.csv

data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_cts\_all\_hpc.csv

output →  $data/processed/DESeq2/results/Normed\_counts/\{fl\_core\_version\}/gated\_CD10\_CLP\_DESeq\_normed.txt$ data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CD38neg\_MPP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CD49Fpos\_HSC\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CD7\_CLP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CD90pos\_HSC\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CMP\_123\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_CMP\_135\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_GMP\_123\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_GMP\_135\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_IL7RA\_CLP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_LMPP\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_MEP\_123\_DESeq\_normed.txt data/processed/DESeq2/results/Normed\_counts/{fl\_core\_version}/gated\_MEP\_135\_DESeq\_normed.txt data/processed/DESeq2/results/{fl\_core\_version}/gated\_CD10\_CLP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_CD38neg\_MPP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_CD49Fpos\_HSC\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_CD7\_CLP\_FL\_yBM.csv data/processed/DESeq2/results/{fl core version}/gated CD90pos HSC FL yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_CMP\_123\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_CMP\_135\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_GMP\_123\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_GMP\_135\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_IL7RA\_CLP\_FL\_yBM.csv data/processed/DESeq2/results/{fl\_core\_version}/gated\_LMPP\_FL\_yBM.csv

data/processed/DESeq2/results/{fl\_core\_version}/gated\_MEP\_123\_FL\_yBM.csv

data/processed/DESeq2/results/{fl\_core\_version}/gated\_MEP\_135\_FL\_yBM.csv

**→** input

data/processed/DESeq2/results/FLcoreSC/Cyc\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Cyc\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/DC.Mono\_BM\_specific\_markers.cs data/processed/DESeq2/results/FLcoreSC/DC.Mono\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/GMP\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/GMP\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/HSC\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/HSC\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.II\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.II\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.I\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/Ly.I\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MEP\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MEP\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.II\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.II\_FL\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.I\_BM\_specific\_markers.csv data/processed/DESeq2/results/FLcoreSC/MPP.I\_FL\_specific\_markers.csv

produce\_sc\_fl\_core

data/processed/DESeq2/results/FLcoreSC/Adult\_signature\_p005.txt data/processed/DESeq2/results/FLcoreSC/DE\_genes.csv data/processed/DESeq2/results/FLcoreSC/Fetal\_signature\_p005.txt data/processed/DESeq2/results/sub\_setter/FLcoreSC/Cyc\_neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/Cyc\_pos.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/DC.Mono\_neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/DC.Mono\_pos.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/GMP\_neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/GMP\_pos.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/HSC\_neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/HSC\_pos.csv data/processed/DESeq2/results/sub setter/FLcoreSC/Ly.II neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/Ly.II\_pos.csv data/processed/DESeq2/results/sub setter/FLcoreSC/Ly.I neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/Ly.I\_pos.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/MEP\_neg.csv data/processed/DESeq2/results/sub setter/FLcoreSC/MEP pos.csv data/processed/DESeq2/results/sub setter/FLcoreSC/MPP.II neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/MPP.II\_pos.csv data/processed/DESeq2/results/sub setter/FLcoreSC/MPP.I neg.csv data/processed/DESeq2/results/sub\_setter/FLcoreSC/MPP.I\_pos.csv

all

## plot\_pca

data/raw/paper\_specific/DESeq2/cluster\_wise/Cyc\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Cyc\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/DC.Mono\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/DC.Mono\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/GMP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/GMP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.II\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.II\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.I\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/Ly.I\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MEP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MEP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.II\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.II\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.I\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/cluster\_wise/MPP.I\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD38neg\_MPP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD38neg\_MPP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_cts\_all\_hpc.csv

data/processed/DESeq2/images/PC12 singel cell clusters gates top500.pdf data/processed/DESeq2/images/PC12\_singel\_cell\_clusters\_top500.pdf data/processed/DESeq2/images/PC12 singel cell gates top500.pdf data/processed/DESeq2/images/PC23\_singel\_cell\_clusters\_gates\_top500.pdf data/processed/DESeq2/images/PC23\_singel\_cell\_clusters\_top500.pdf data/processed/DESeq2/images/PC23\_singel\_cell\_gates\_top500.pdf

# plot\_fl\_bm\_gates\_pca

**→ input** data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD10\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD38neg\_MPP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD38neg\_MPP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_coldata\_all\_hpc.cs data/raw/paper\_specific/DESeq2/gate\_wise/CD49Fpos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD7\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CD90pos\_HSC\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/CMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/GMP\_135\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/IL7RA\_CLP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/LMPP\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_123\_cts\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_coldata\_all\_hpc.csv data/raw/paper\_specific/DESeq2/gate\_wise/MEP\_135\_cts\_all\_hpc.csv

data/processed/DESeq2/images/PC12\_FL\_BM\_singel\_cell\_gates\_top500.pdf data/processed/DESeq2/images/PC23\_FL\_BM\_singel\_cell\_gates\_top500.pdf

export\_ball\_excel\_to\_tsv data/external/BALL-1988S-HTSeq/B-ALL-subtyping.xlsx output → data/external/BALL-1988S-HTSeq/subtypes.tsv

**→ input** 

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