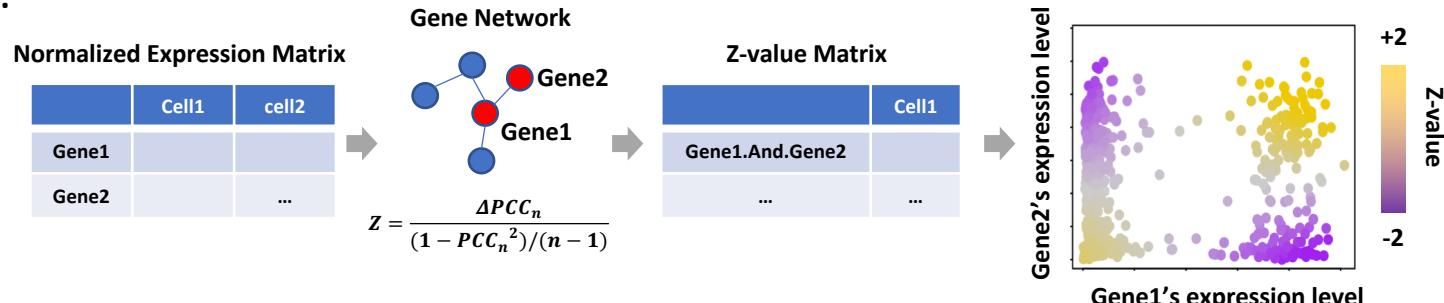
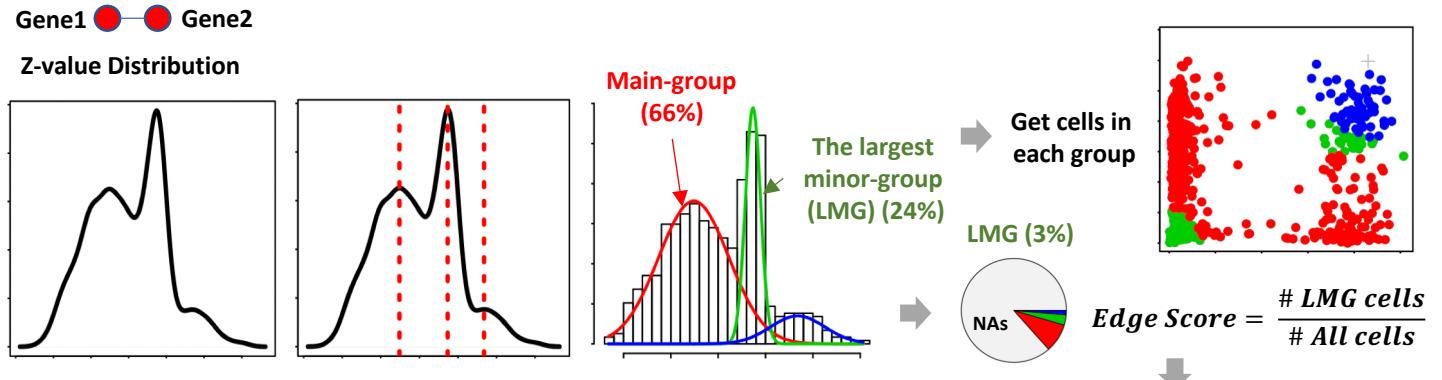
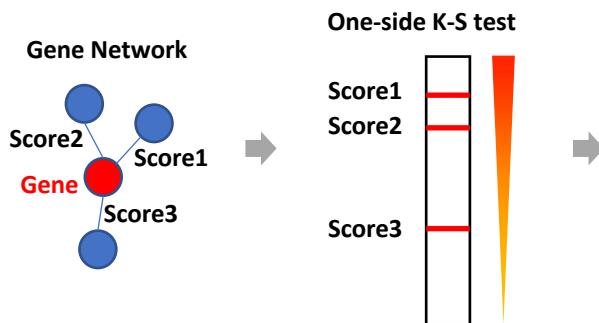
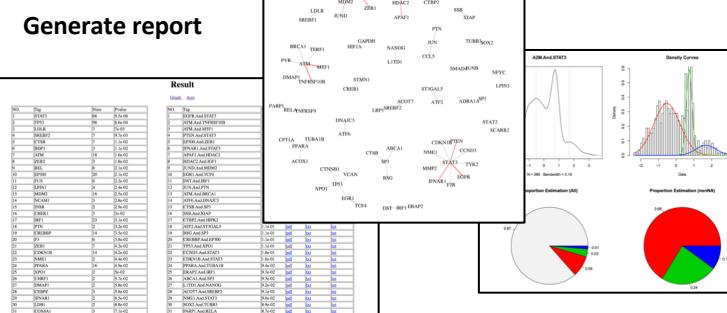
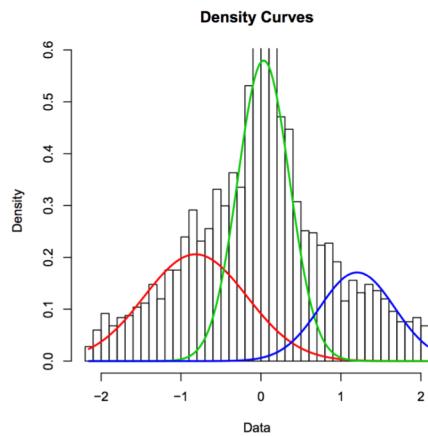
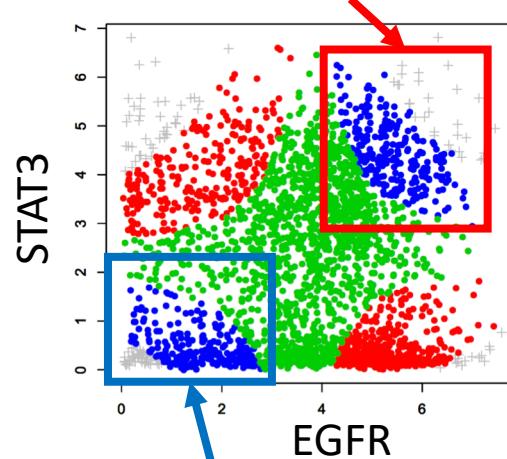


**a.****b.****c.****d.**

EGFR.And.STAT3



TF.STAT3.TG.EGFR.mode.A.TG.HI



**Meaning:**

Transcription Factor (TF): STAT3

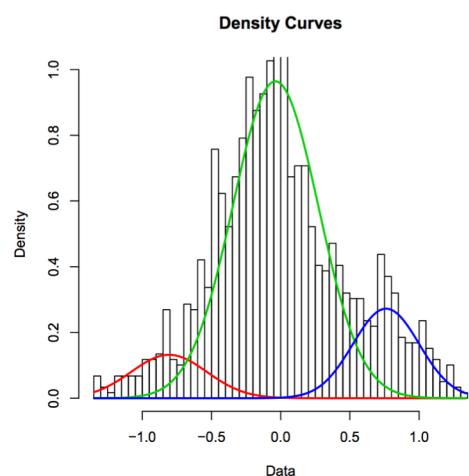
Target Gene (TG): EGFR

Regulation Mode (mode): Activation

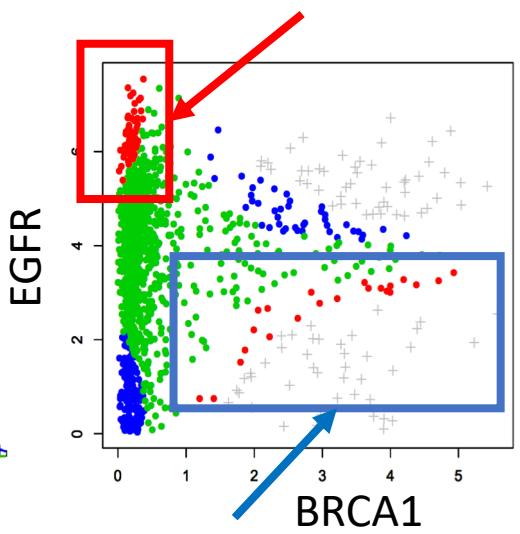
Target Gene Expression: High

TF.STAT3.TG.EGFR.mode.A.TG.LW

BRCA1.And.EGFR



TF.BRCA1.TG.EGFR.mode.R.TG.HI



**Meaning:**

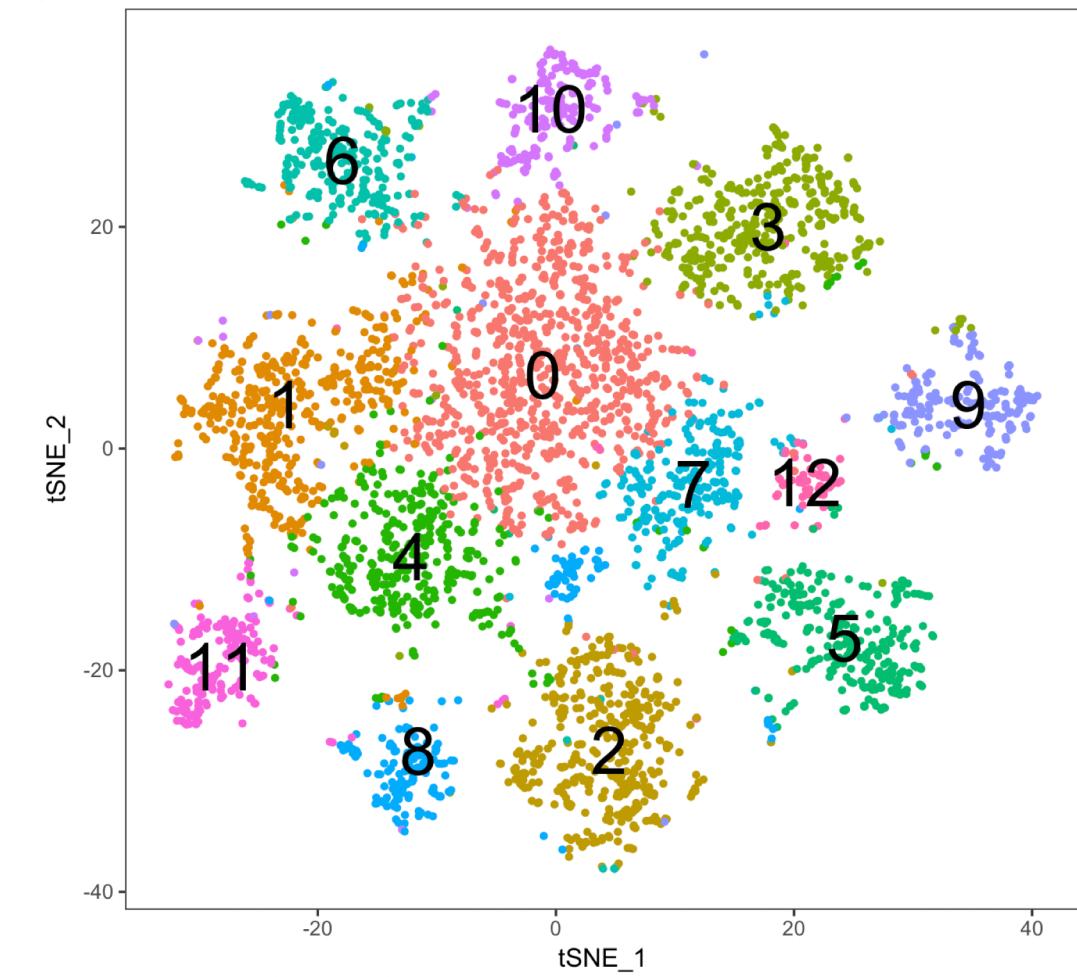
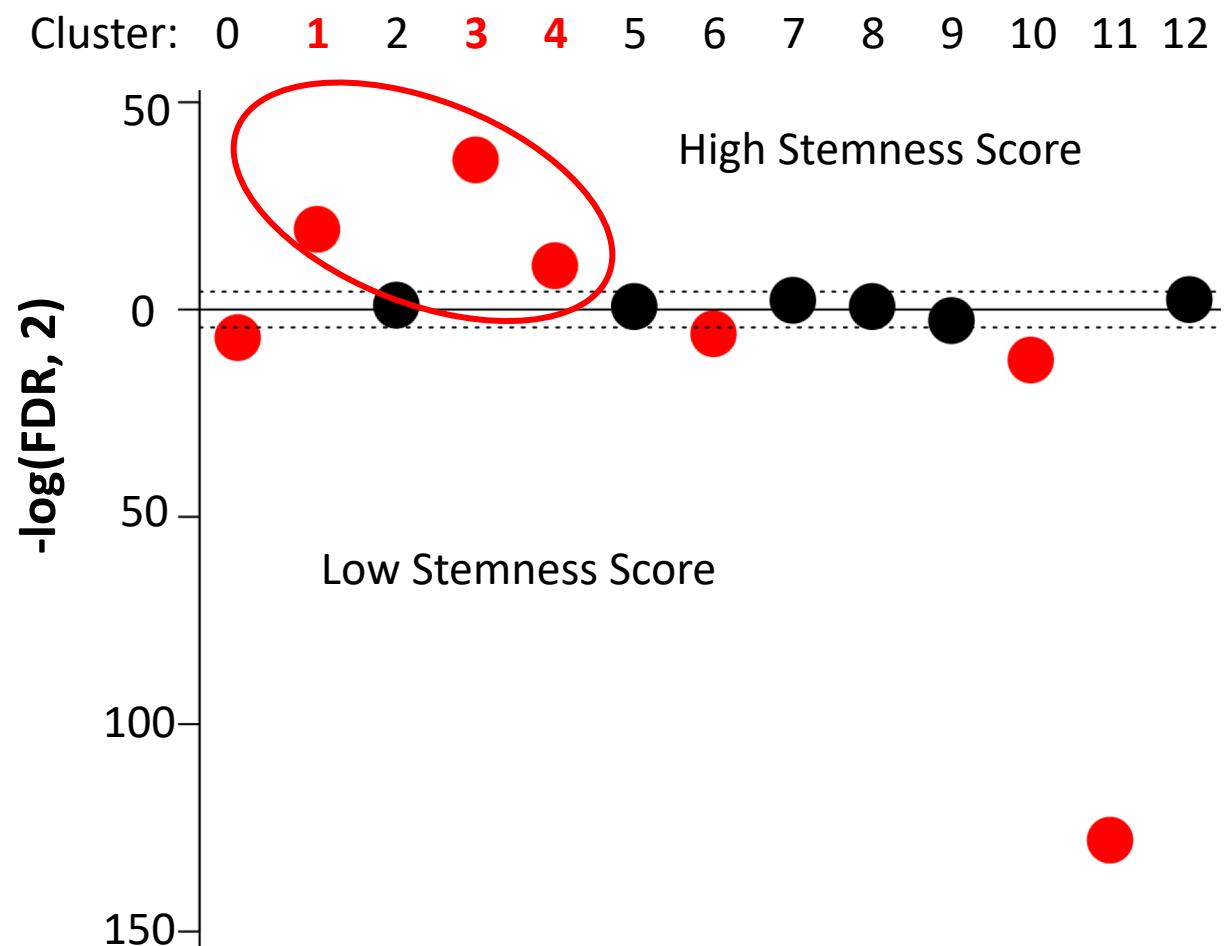
Transcription Factor (TF): BRCA1

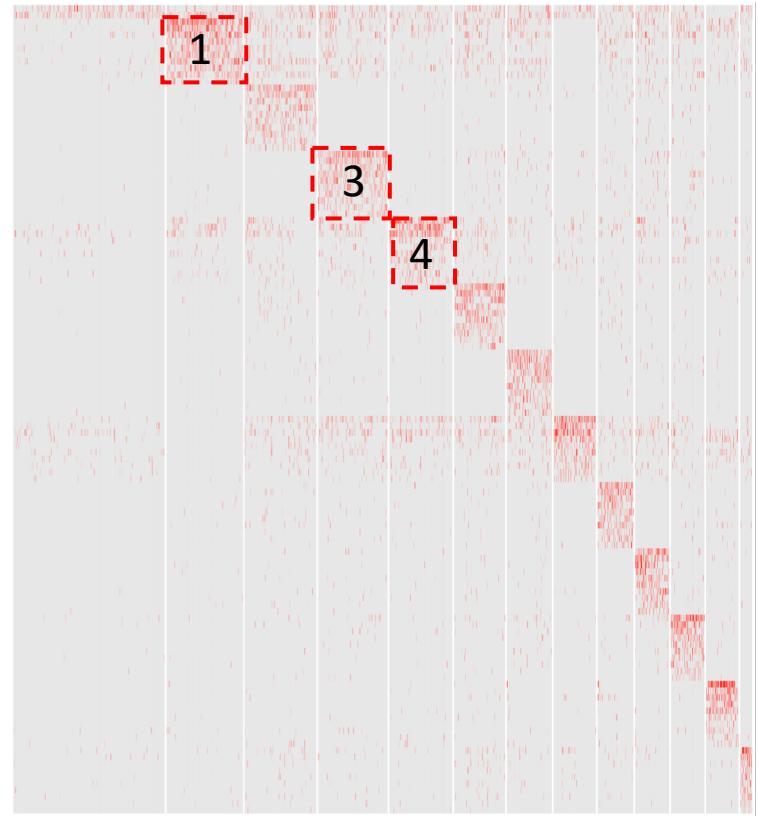
Target Gene (TG): EGFR

Regulation Mode (mode): Repression

Target Gene Expression: Low

TF.BRCA1.TG.EGFR.mode.R.TG.LW

**a****b**



**1**

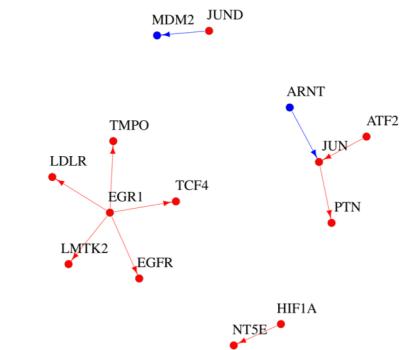
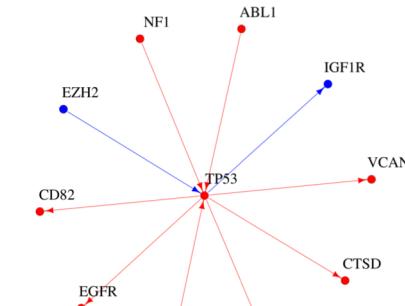
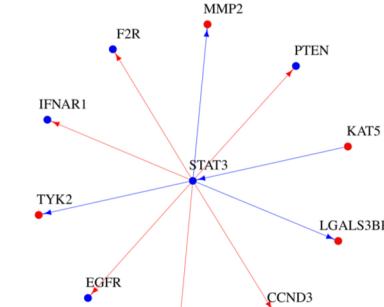
TF.STAT3.TG.IFNAR1.mode.A.TG.LW  
 TF.STAT3.TG.F2R.mode.A.TG.LW  
 TF.STAT3.TG.PTEN.mode.A.TG.LW  
 TF.STAT3.TG.TYK2.mode.R.TG.HI  
 TF.KAT5.TG.STAT3.mode.R.TG.LW  
 TF.STAT3.TG.LGALS3BP.mode.R.TG.HI  
 TF.STAT3.TG.EGFR.mode.A.TG.LW  
 TF.STAT3.TG.MMP2.mode.R.TG.HI  
 TF.STAT3.TG.CCND3.mode.A.TG.LW  
 TF.STAT3.TG.ZFP36.mode.A.TG.LW

**3**

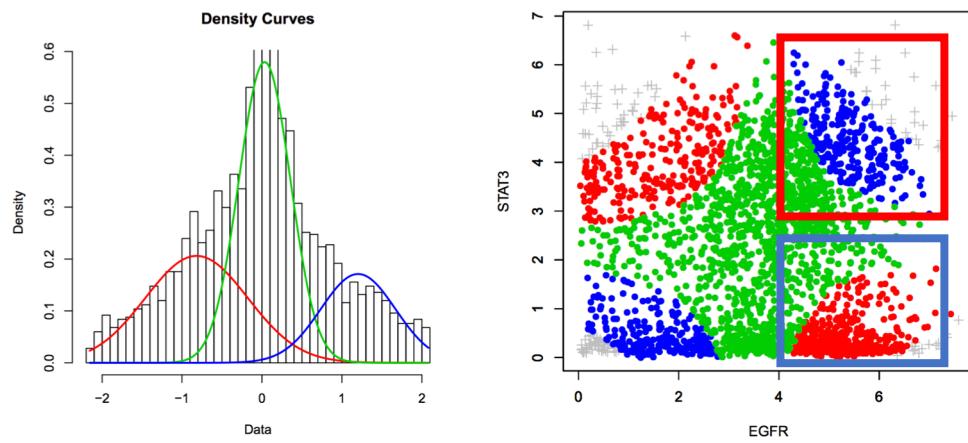
TF.TP53.TG.VCAN.mode.A.TG.HI  
 TF.TP53.TG.EGFR.mode.A.TG.HI  
 TF.ABL1.TG.TP53.mode.A.TG.HI  
 TF.TP53.TG.IGF1R.mode.R.TG.LW  
 TF.TP53.TG.CTSD.mode.A.TG.HI  
 TF.TP53.TG.CD82.mode.A.TG.HI  
 TF.EZH2.TG.TP53.mode.R.TG.HI  
 TF.TP53.TG.OGG1.mode.A.TG.HI  
 TF.NF1.TG.TP53.mode.A.TG.HI  
 TF.SOX6.TG.TP53.mode.A.TG.HI

**4**

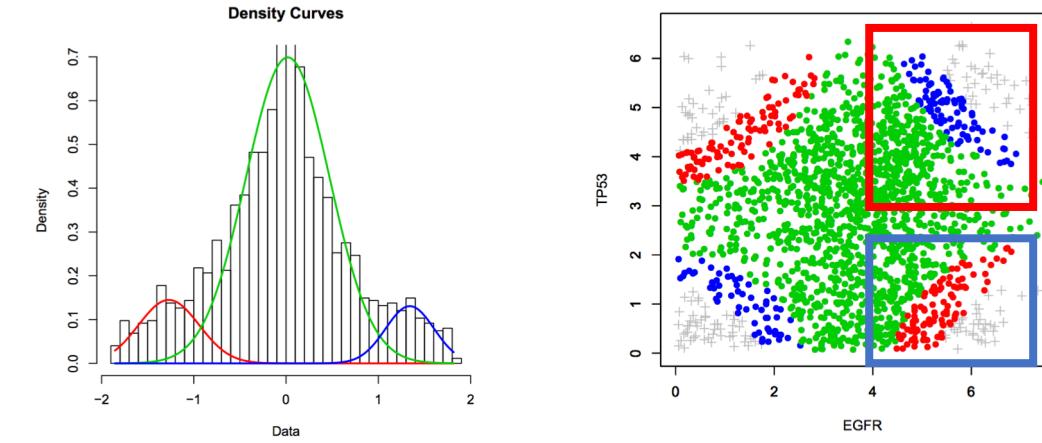
TF.JUN.TG.PTN.mode.A.TG.HI  
 TF.EGR1.TG.TCF4.mode.A.TG.HI  
 TF.JUND.TG.MDM2.mode.R.TG.LW  
 TF.HIF1A.TG.NT5E.mode.A.TG.HI  
 TF.EGR1.TG.EGFR.mode.A.TG.HI  
 TF.EGR1.TG.LDLR.mode.A.TG.HI  
 TF.ARNT.TG.JUN.mode.R.TG.HI  
 TF.EGR1.TG.TMPO.mode.A.TG.HI  
 TF.EGR1.TG.LMTK2.mode.A.TG.HI  
 TF.ATF2.TG.JUN.mode.A.TG.HI



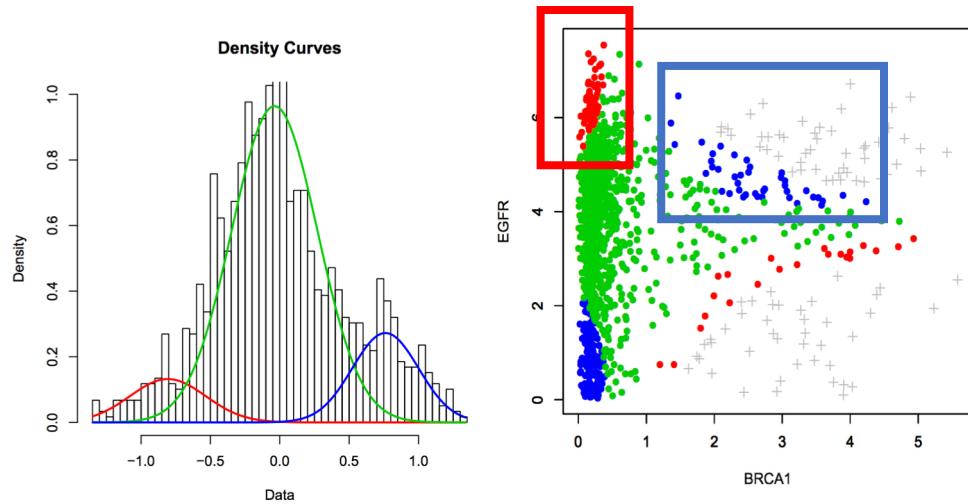
## STAT3 (Activation)



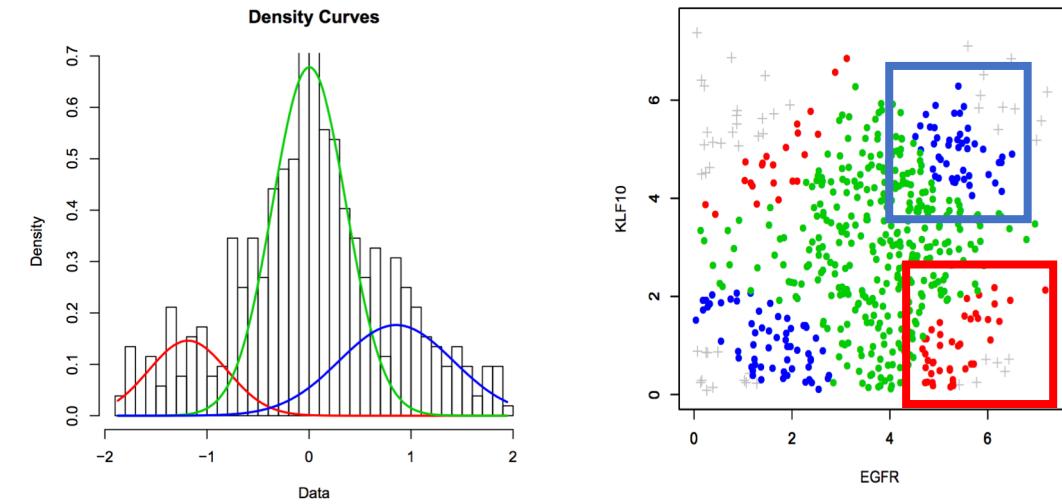
## TP53 (Activation)



## BRCA1 (Repression)

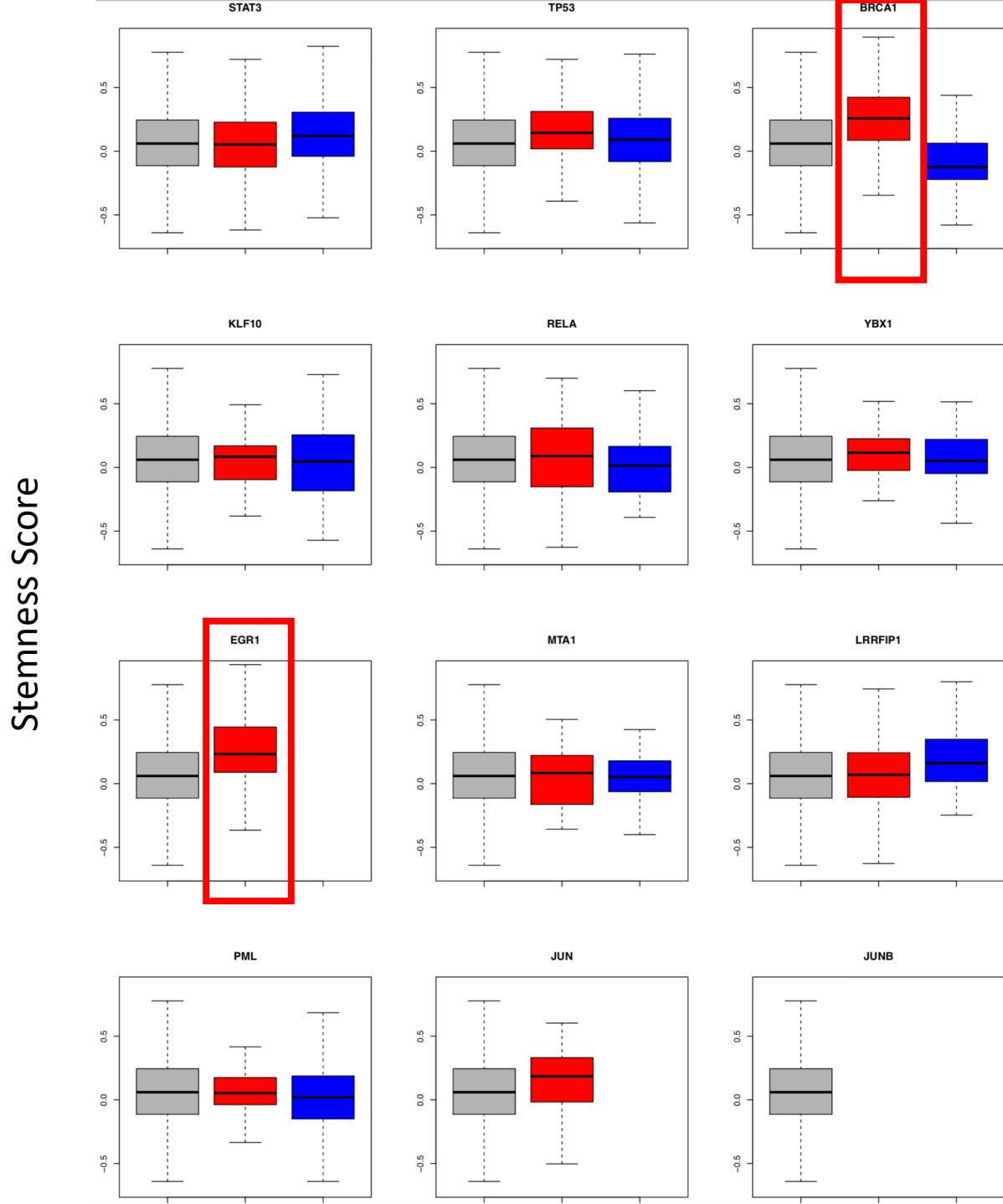


## KLF10 (Repression)

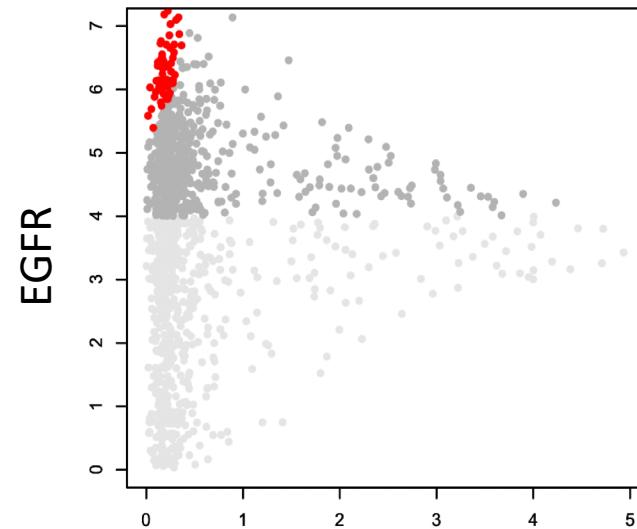


The same mode with previous study

The reverse mode

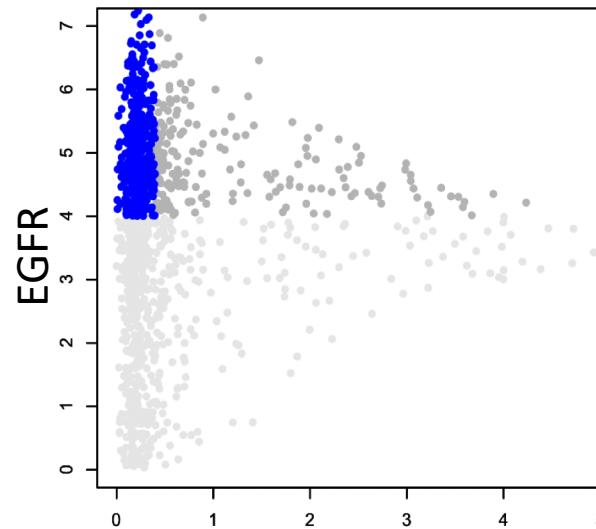


GCA defined TF-positive cells



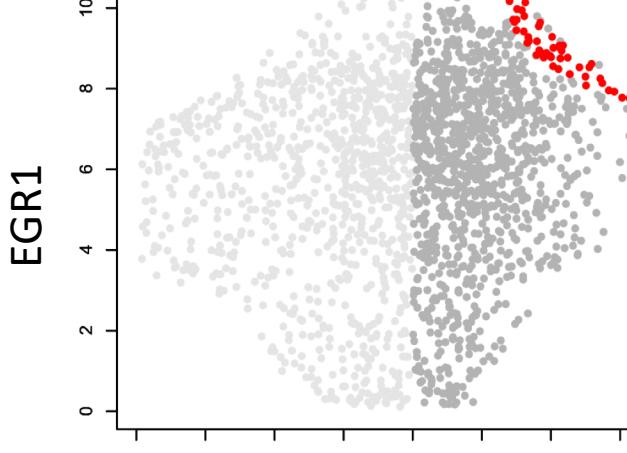
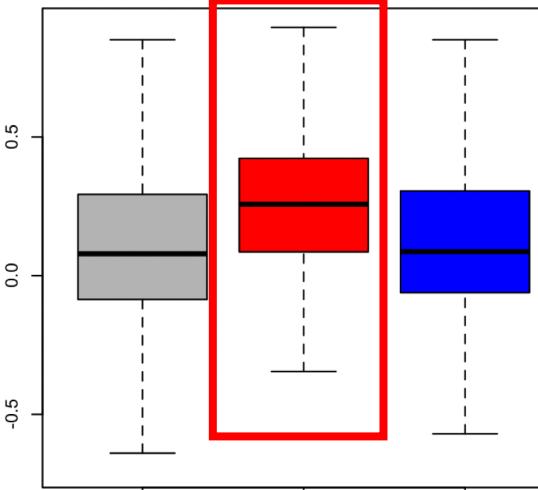
BRCA1

Manually defined TF-positive cells

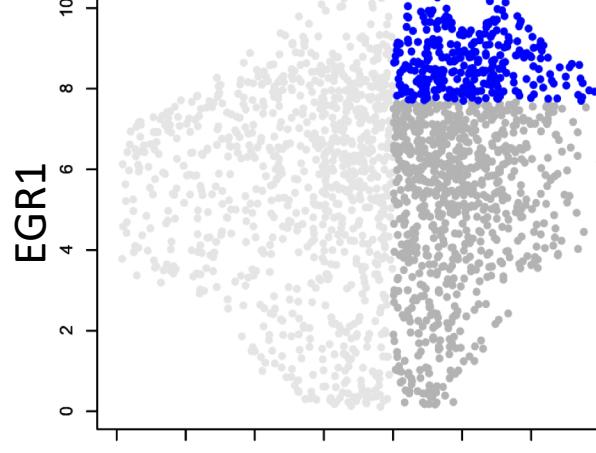


BRCA1

Stemnes Score



EGFR



EGFR

Stemnes Score

