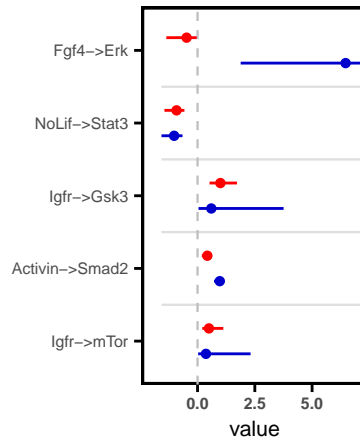
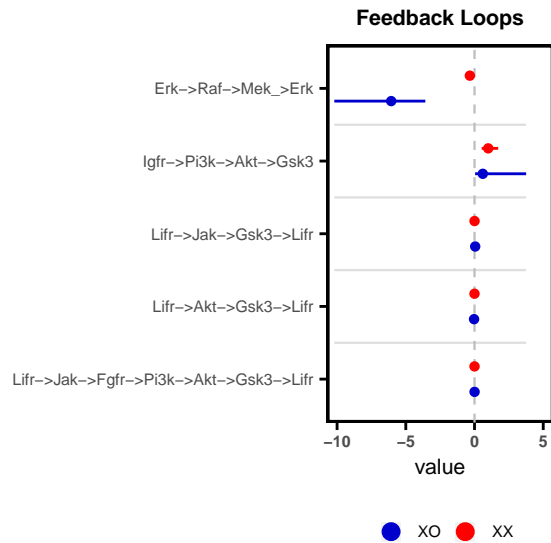


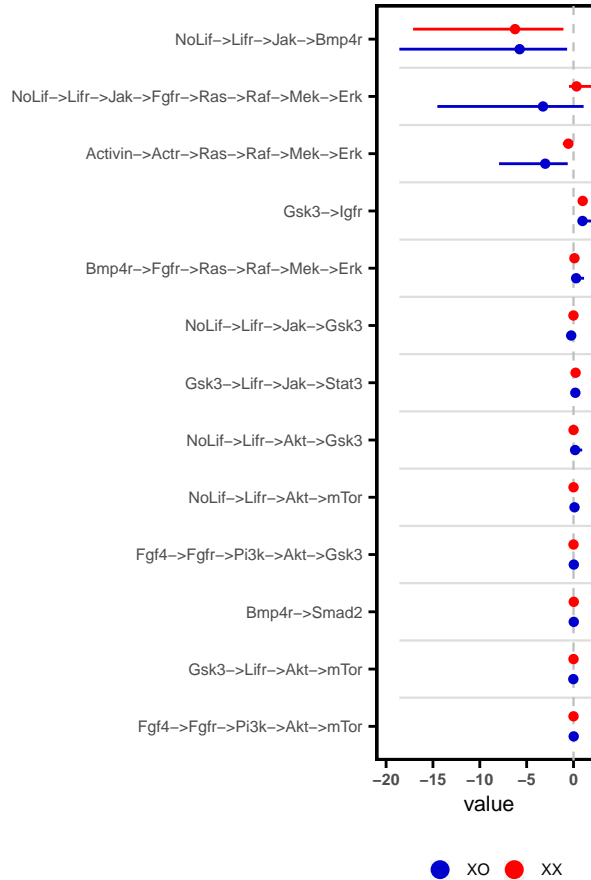
Canonical Pathways



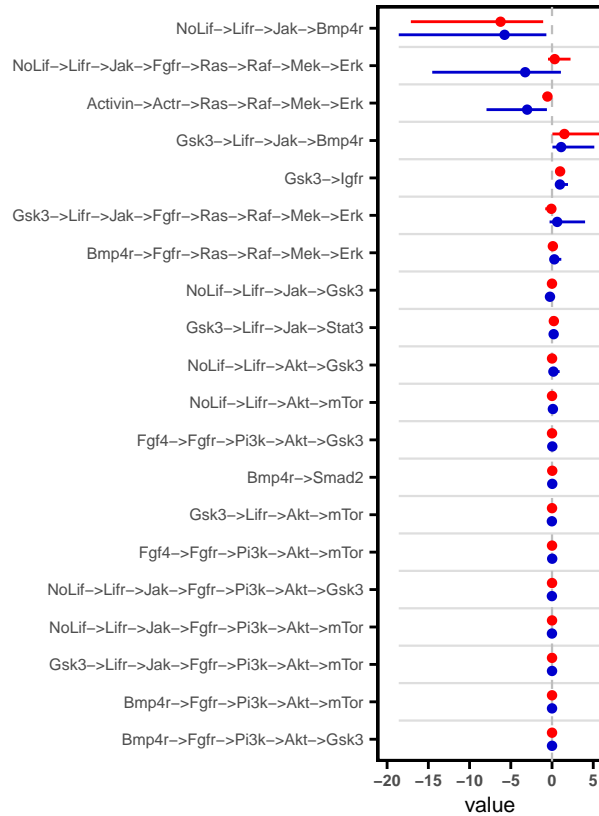
● XO ● XX



Cross-Talk:Subset



Cross-Talk: all



● XO ● XX

(data - simulation) / error
XX_R345

Gsk3

Mek

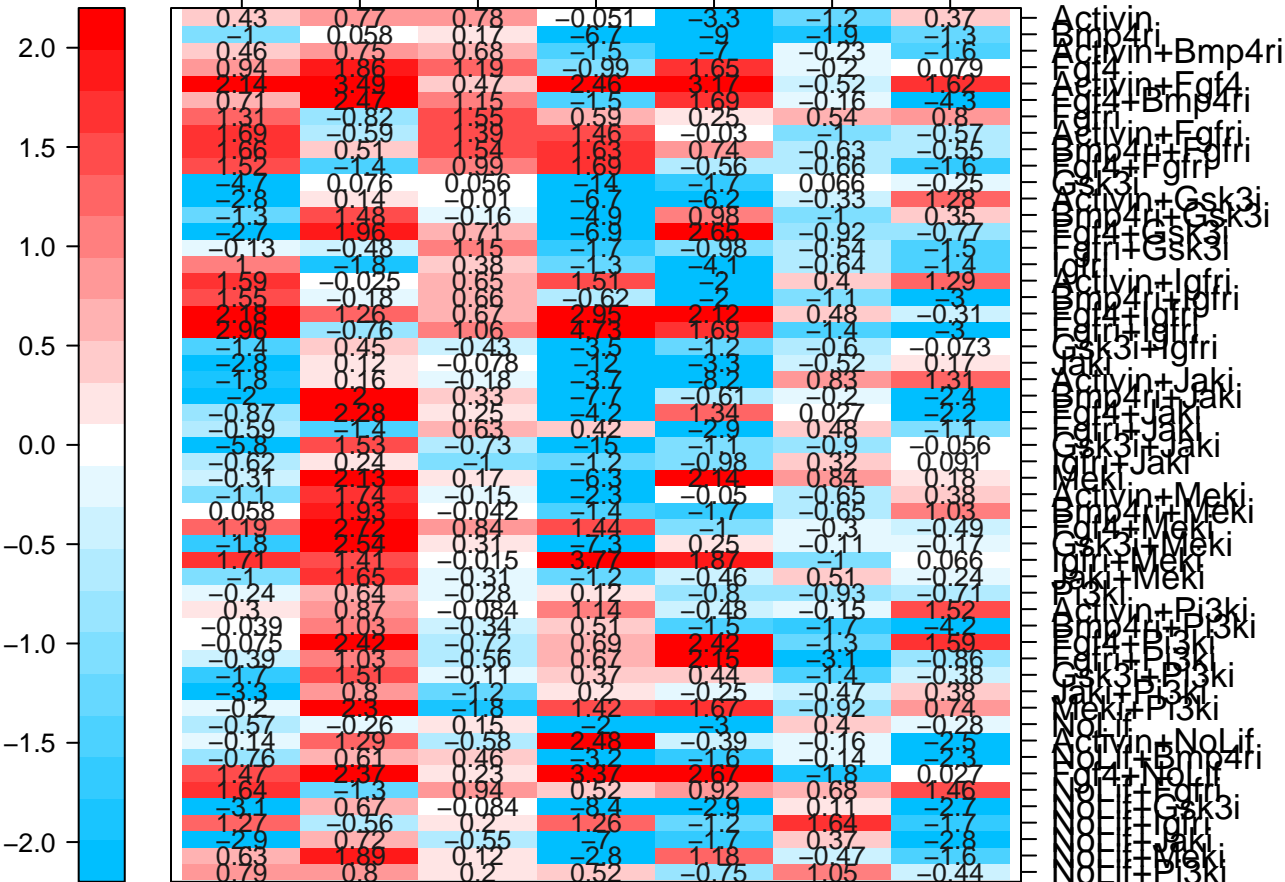
mTor

Akt

Erk

Stat3

Smad2



XX_R345

log2(data/simulation)
XX_R345

Gsk3

Mek

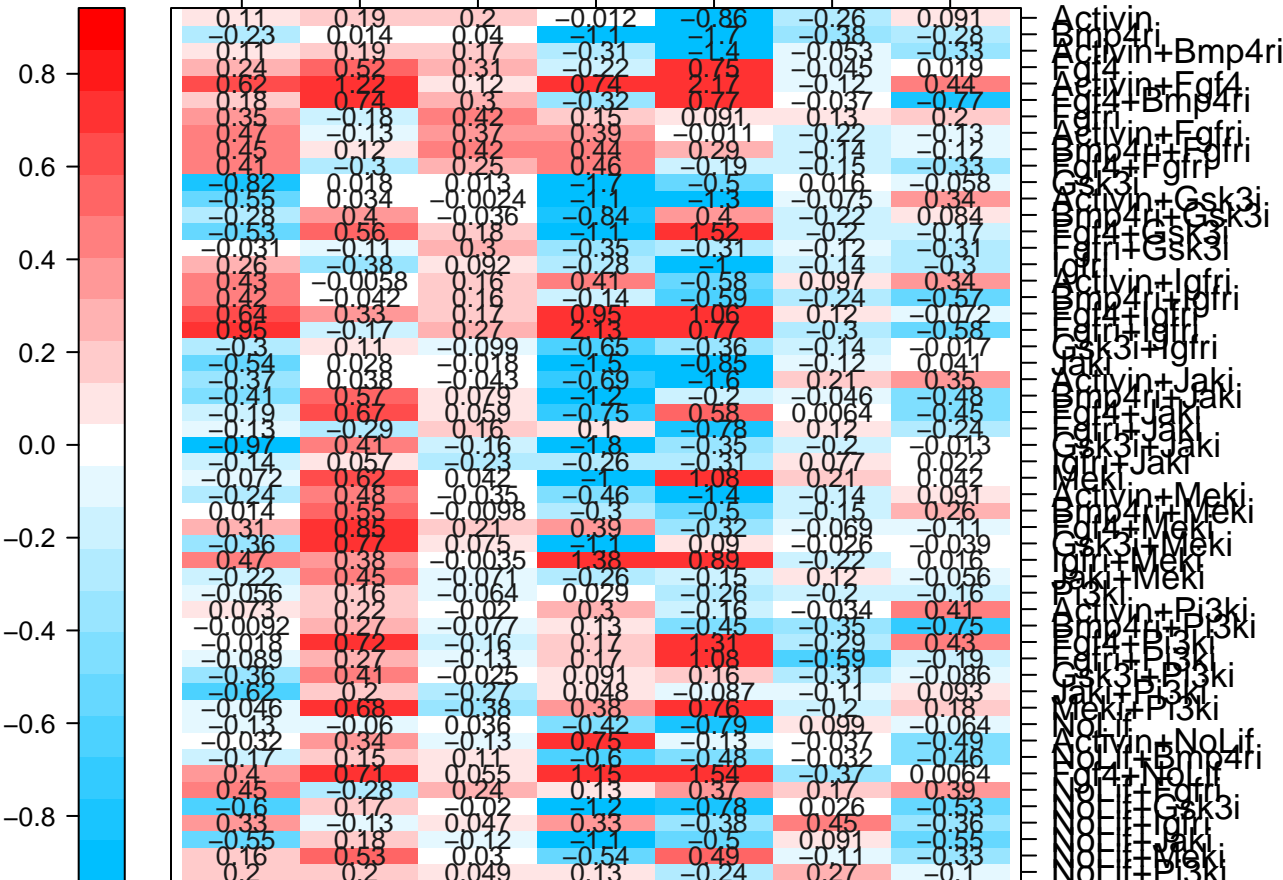
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Akt

Erk

Stat3

Smad2

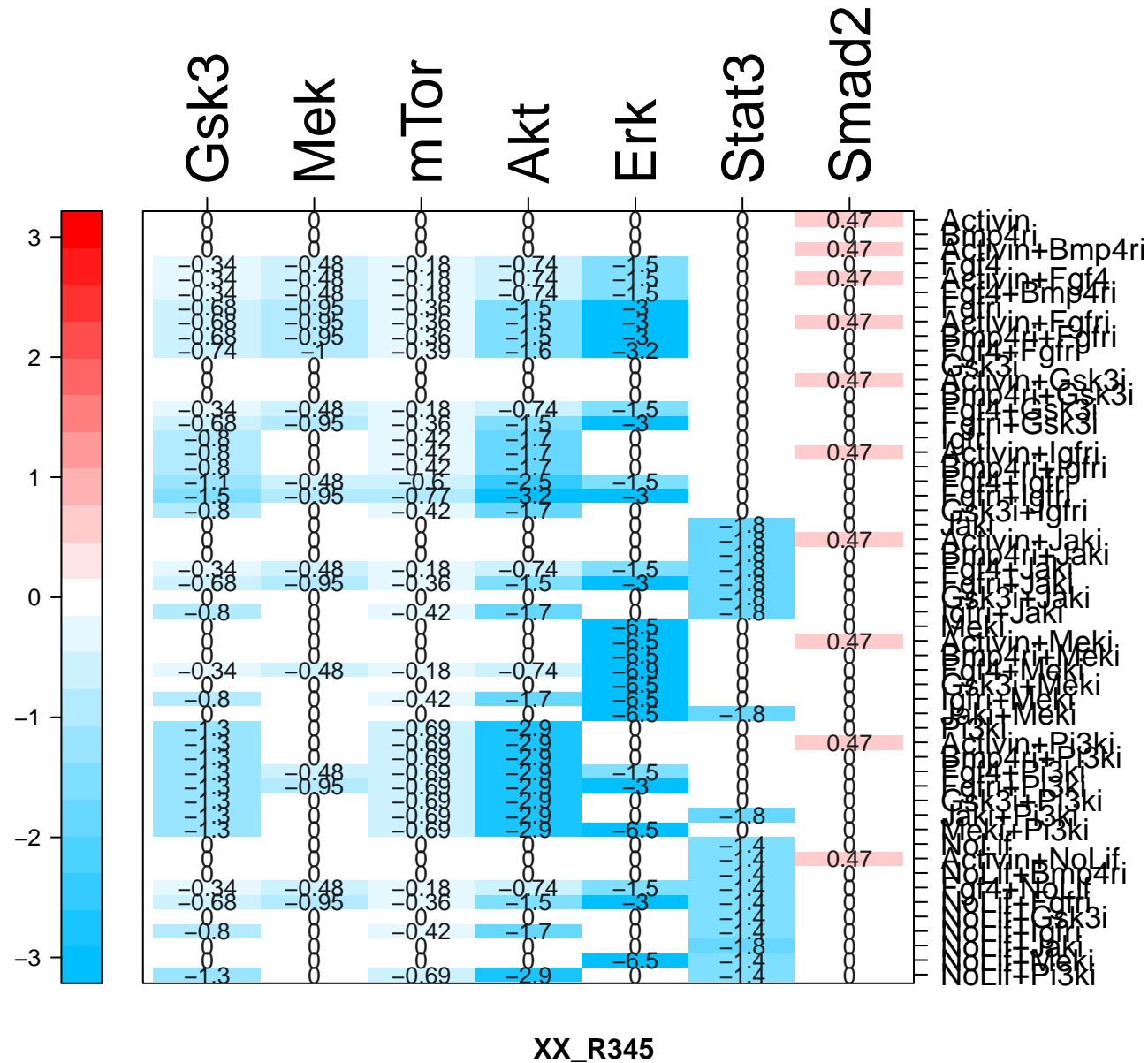


XX_R345

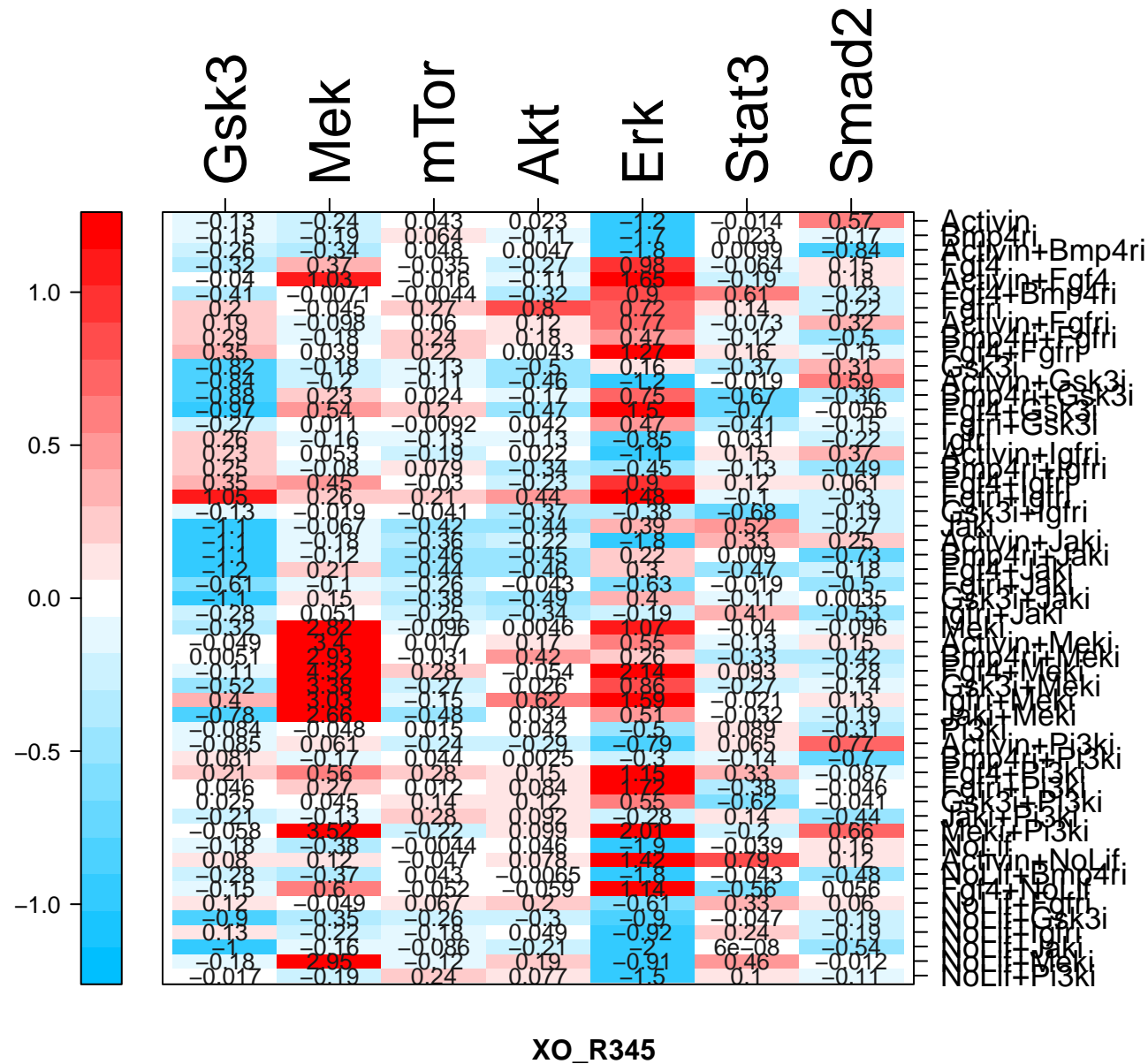
XX_R345



Log-fold change Simulated data XX_R345



log2(data/simulation)
XO_R345

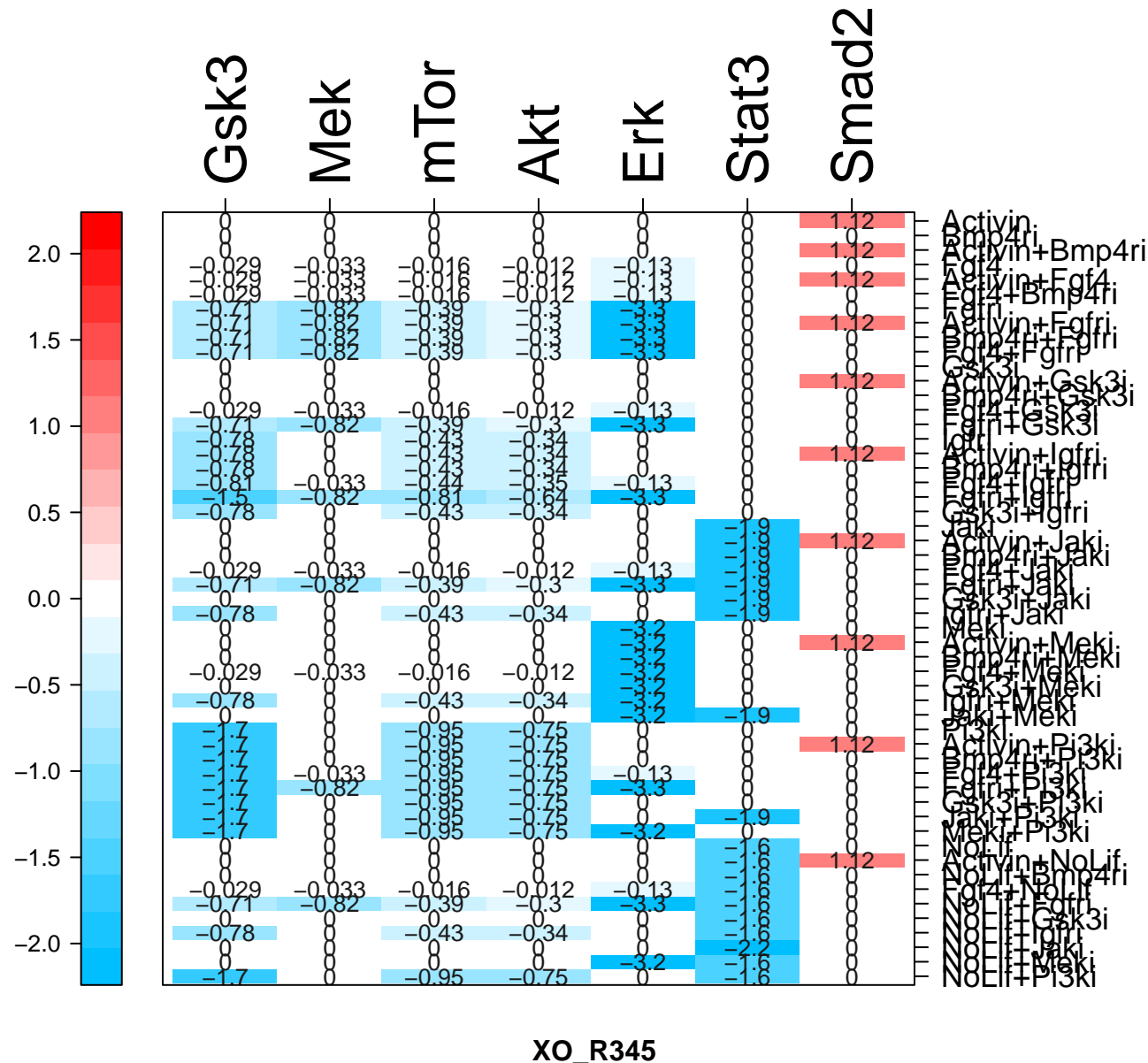


XO R345

Smad2



Log-fold change Simulated data XO_R345



XO R345



XX_R345

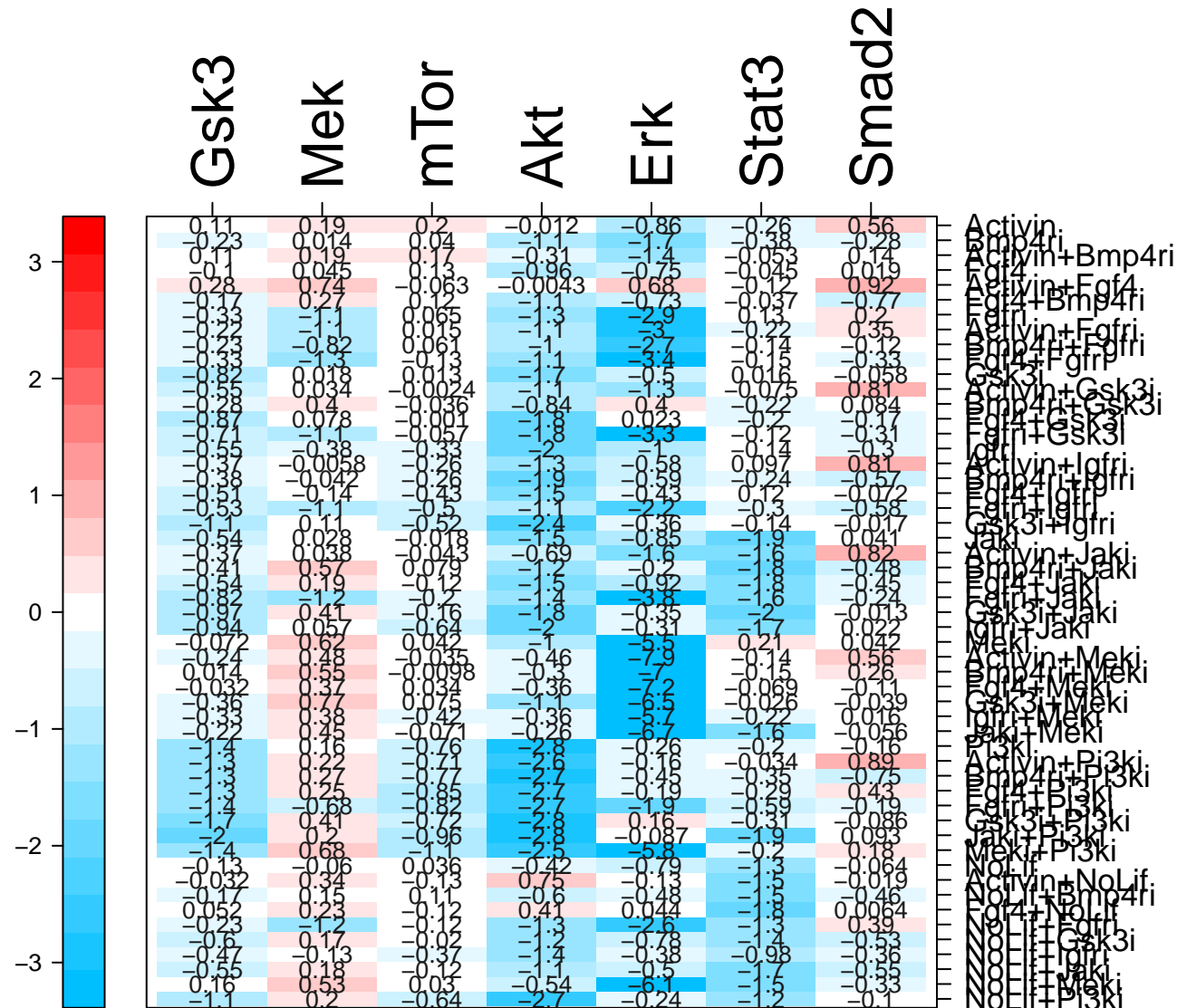


XX_R345

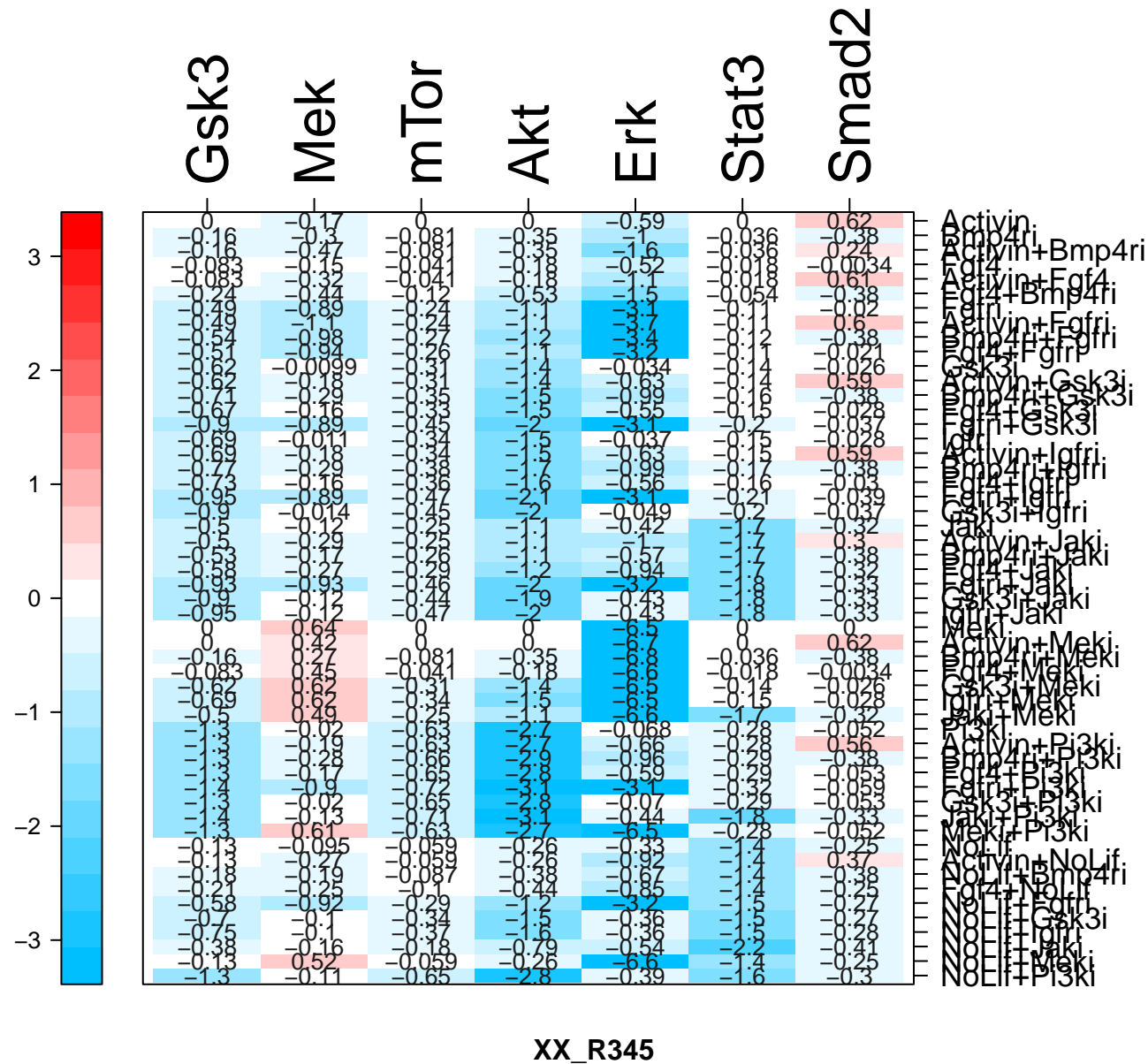
Smad2



XX_R345



Log-fold change Prediction XX_R345



XO_R345



XO_R345

Mek

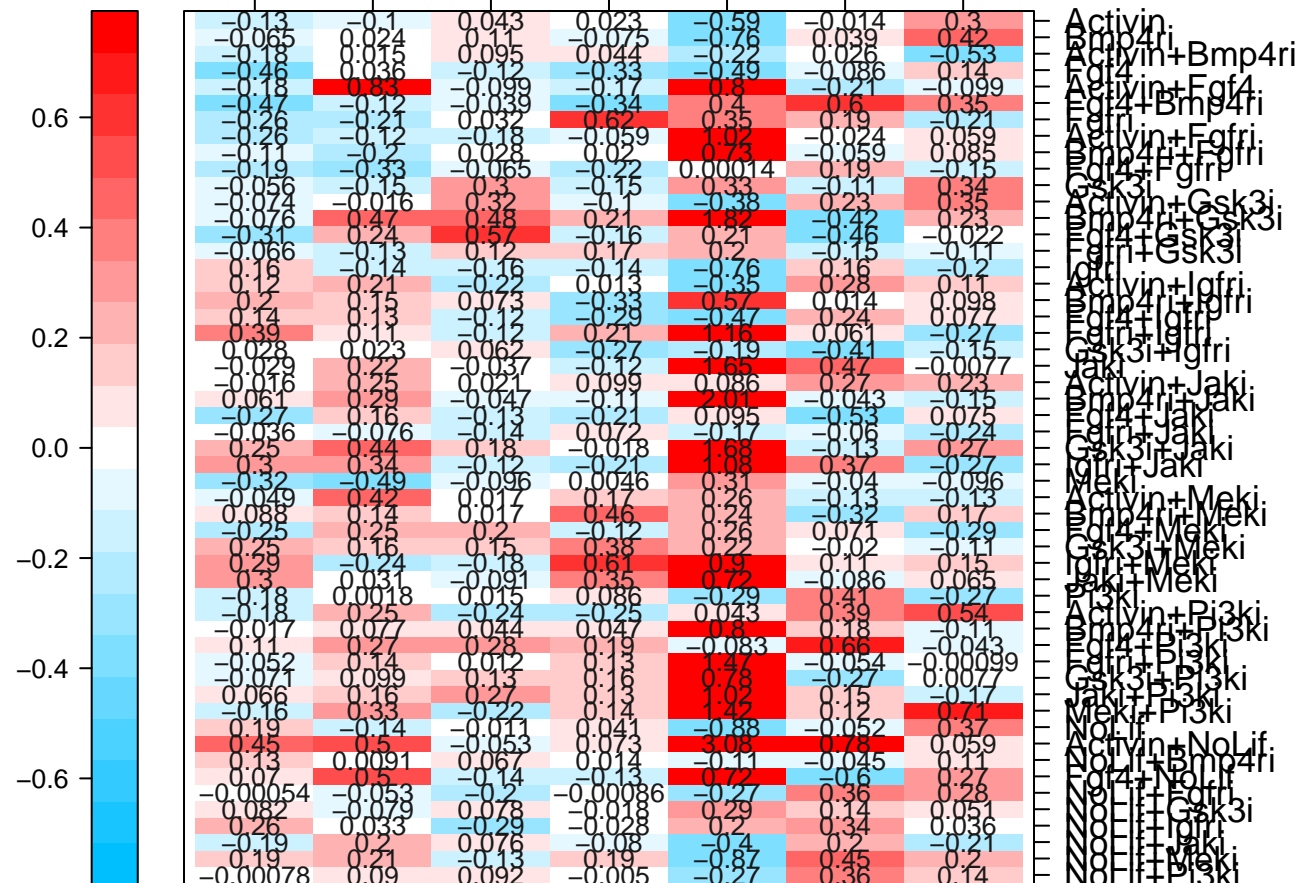
mTor

Akt

rkE

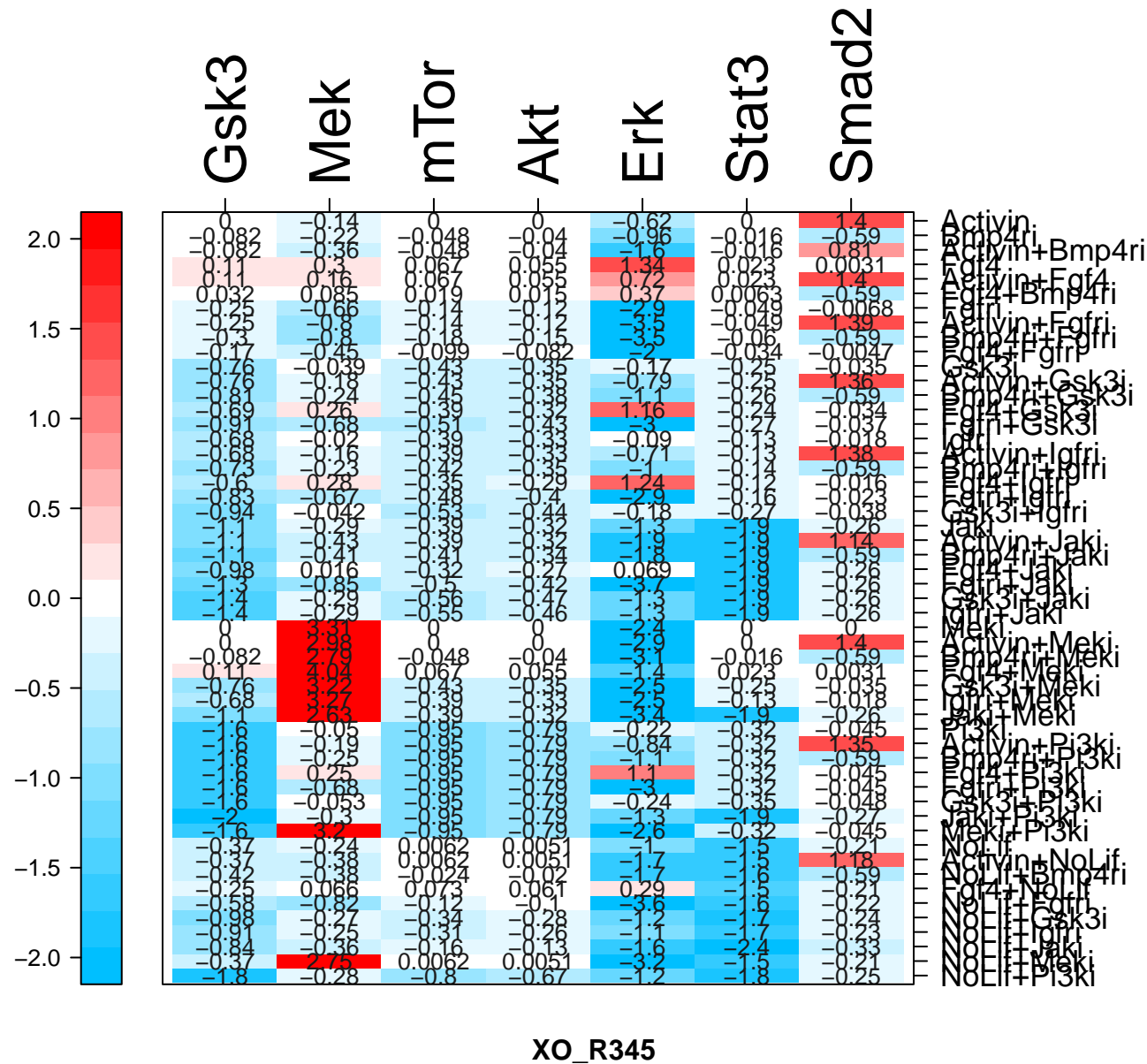
Stat3

Smad2

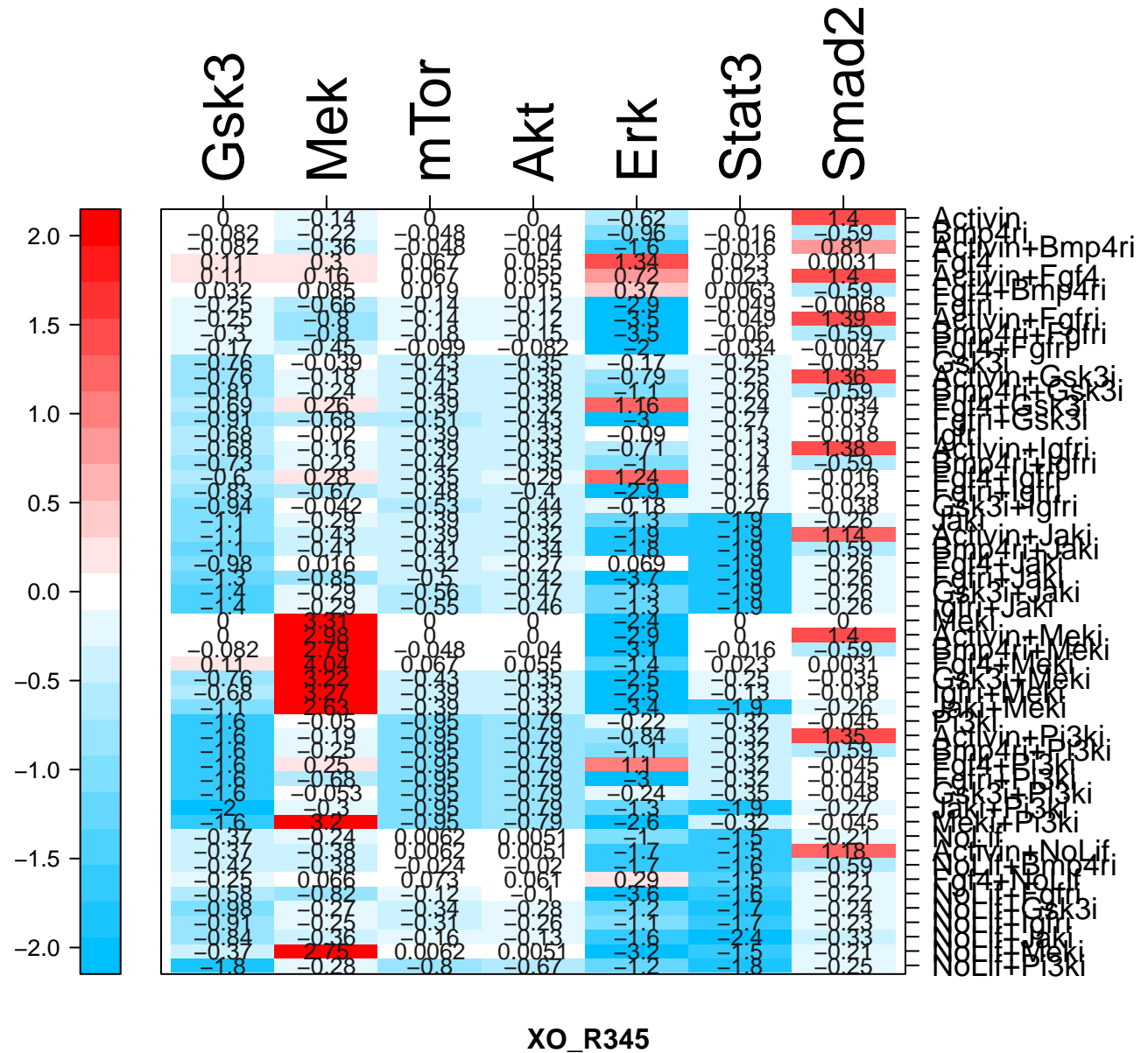


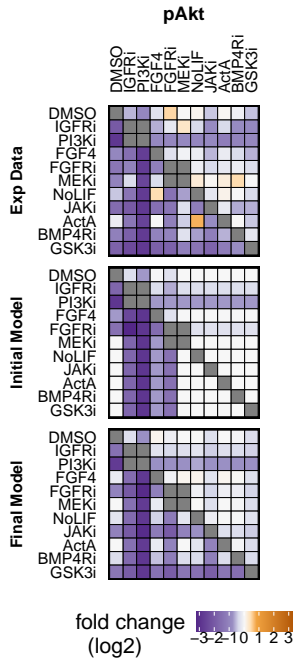
XO_R345

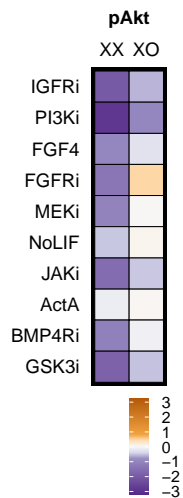
Log-fold change Simulated data
XO_R345

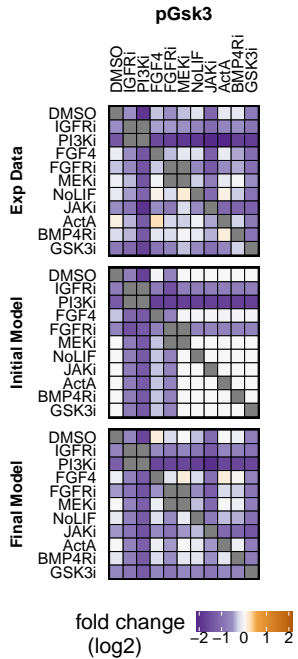


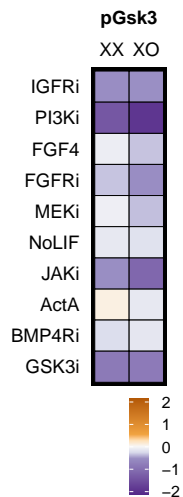
Log-fold change Prediction XO_R345

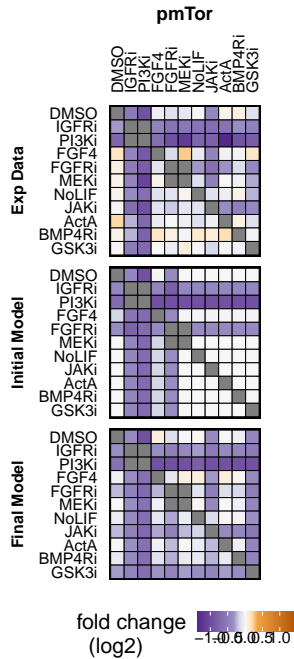


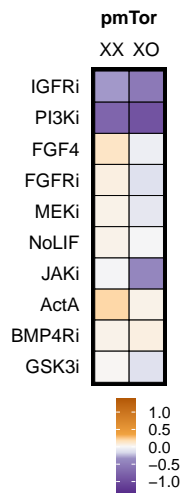


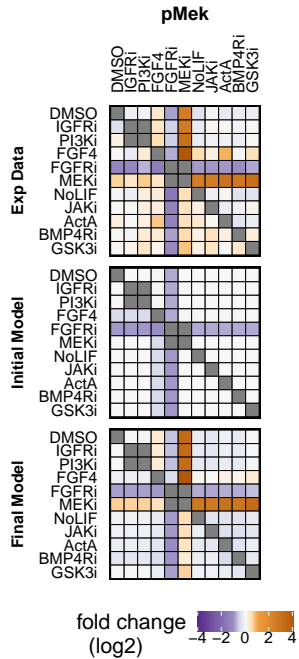


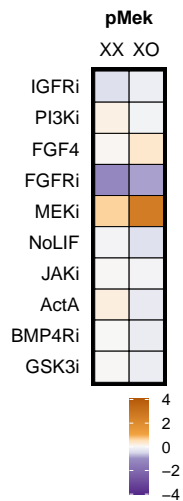


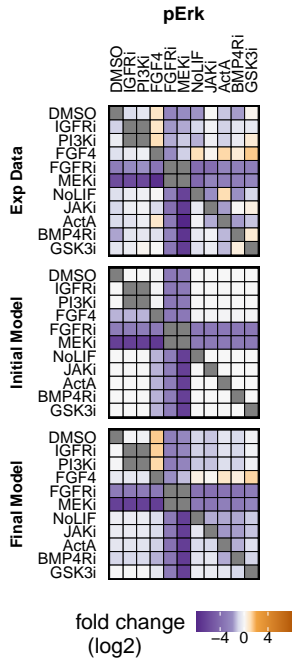


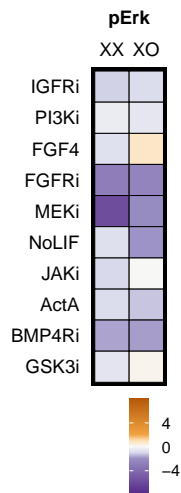


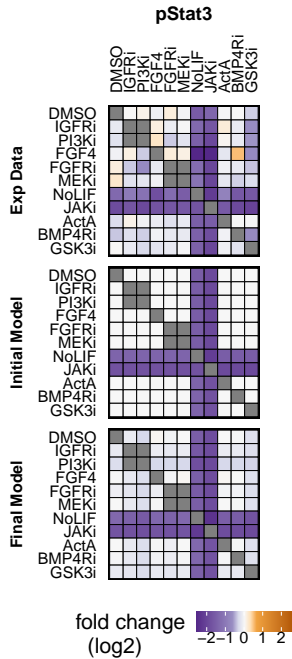


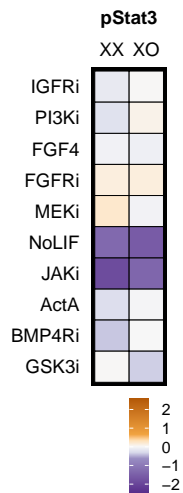


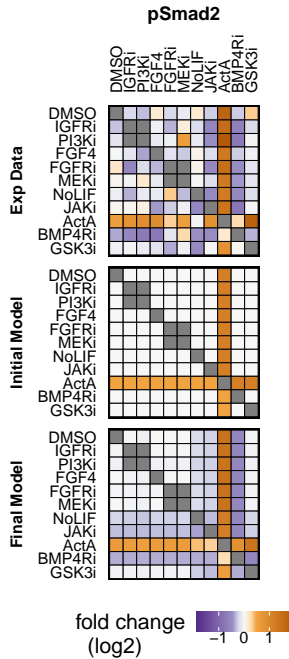


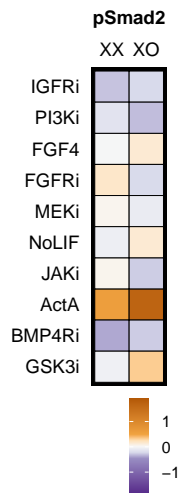


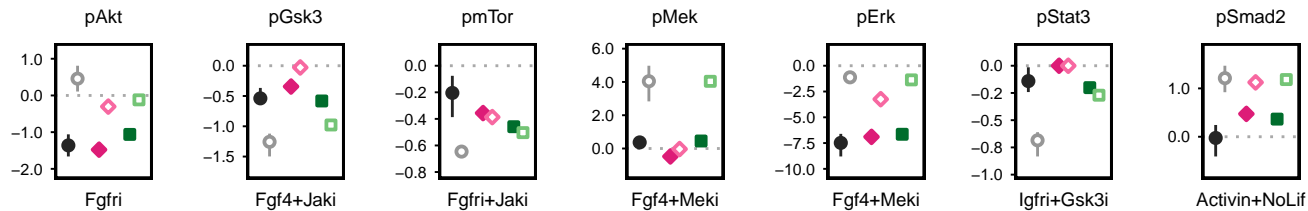


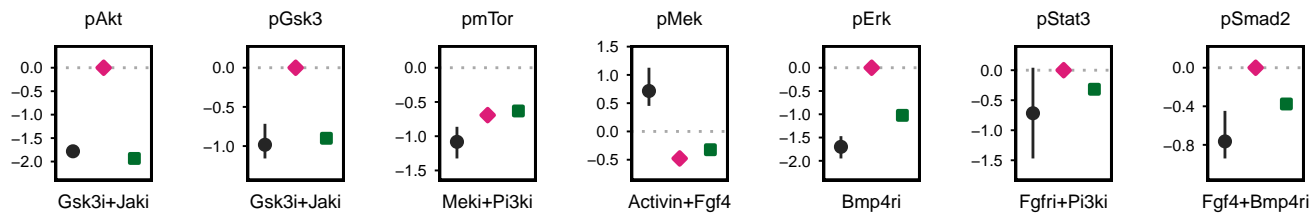




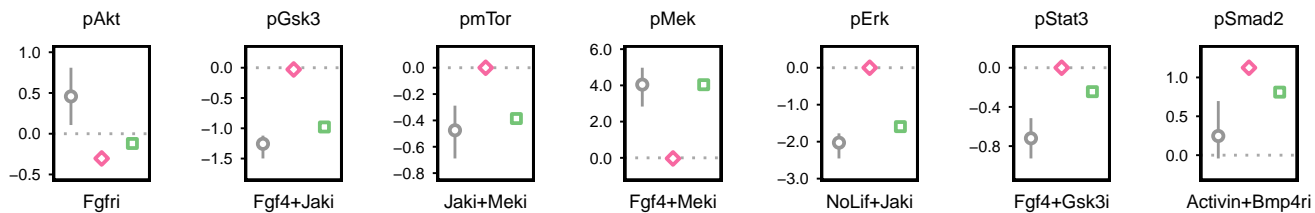




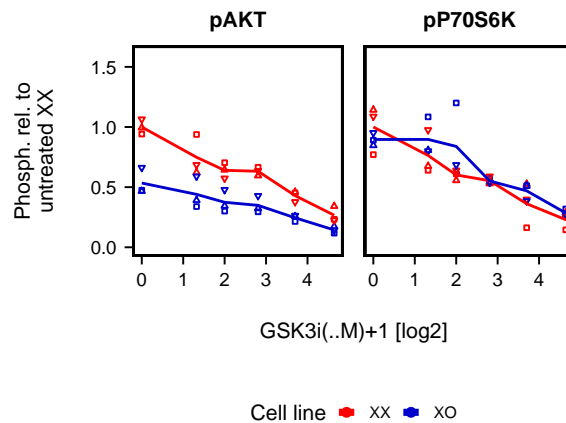


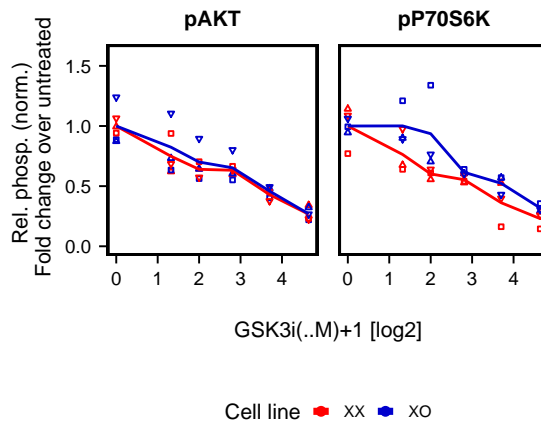


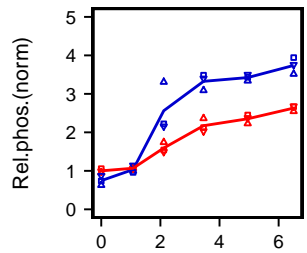
● Exp XX ◆ Initial Model-XX ■ Final Model-XX



● Exp XO ◆ Initial Model-XO ■ Final Model-XO

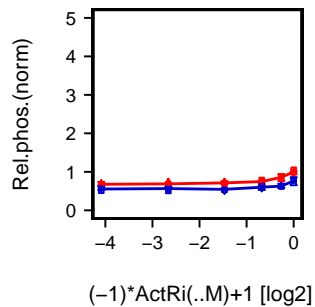




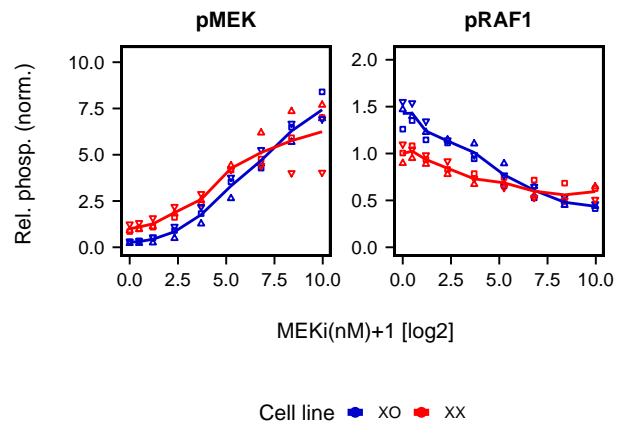


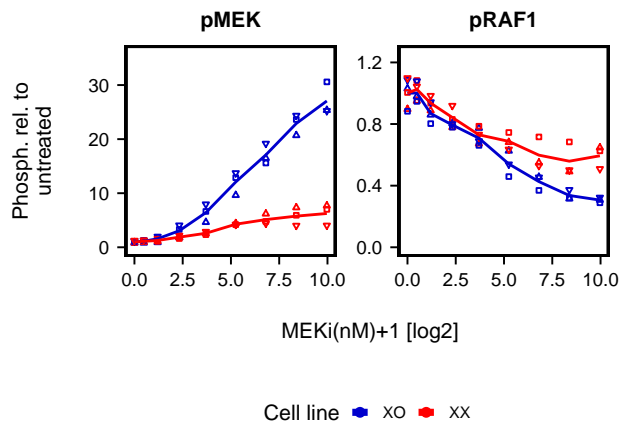
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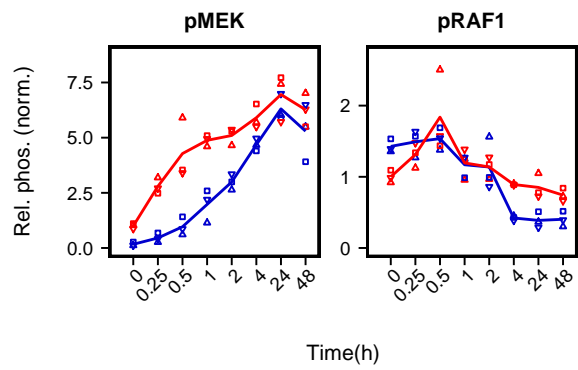
Cell_line XO XX



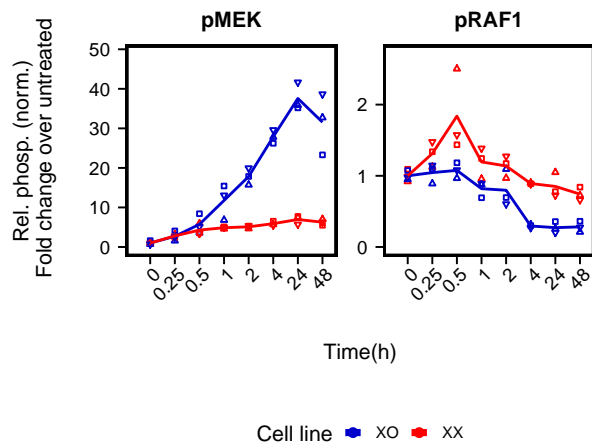
Cell_line **xo** **xx**

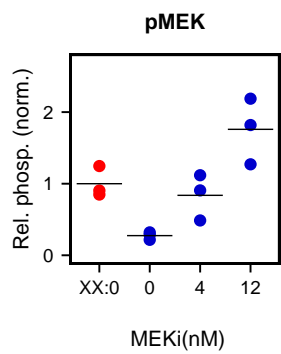




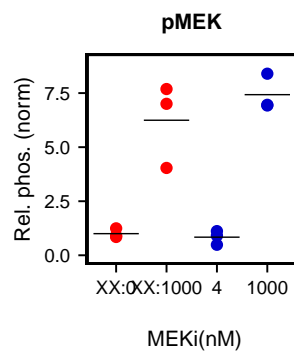


Cell line XO XX

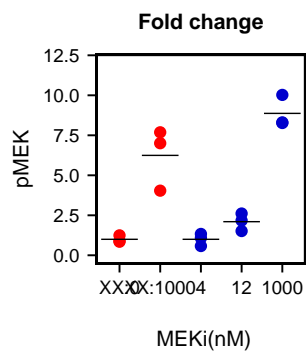




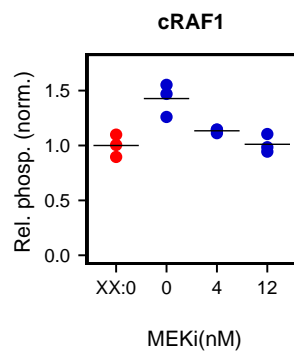
Cell line • xx • xo



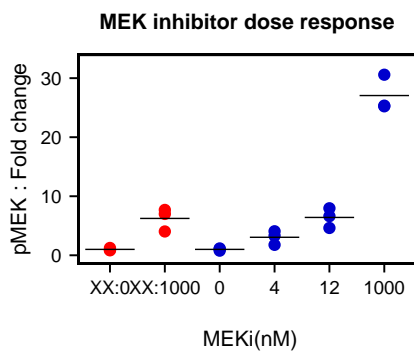
Cell line • xx • xo



Cell line • xx • xo



Cell line • xx • xo



Cell line • XX • XO