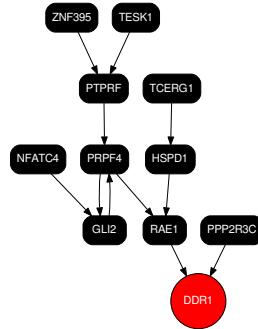


■ LINCS Gene Expression Dataset

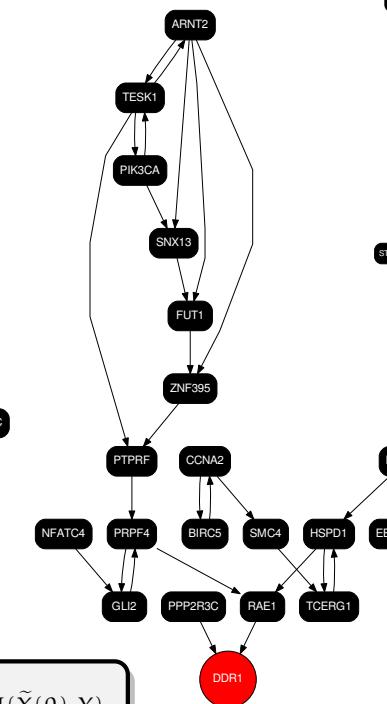
■ Prediction target:
DDR1 (red)

■ Random-forest Classifier used for squeezing

A. Squeeze Net Example ($\theta = 0.22$)

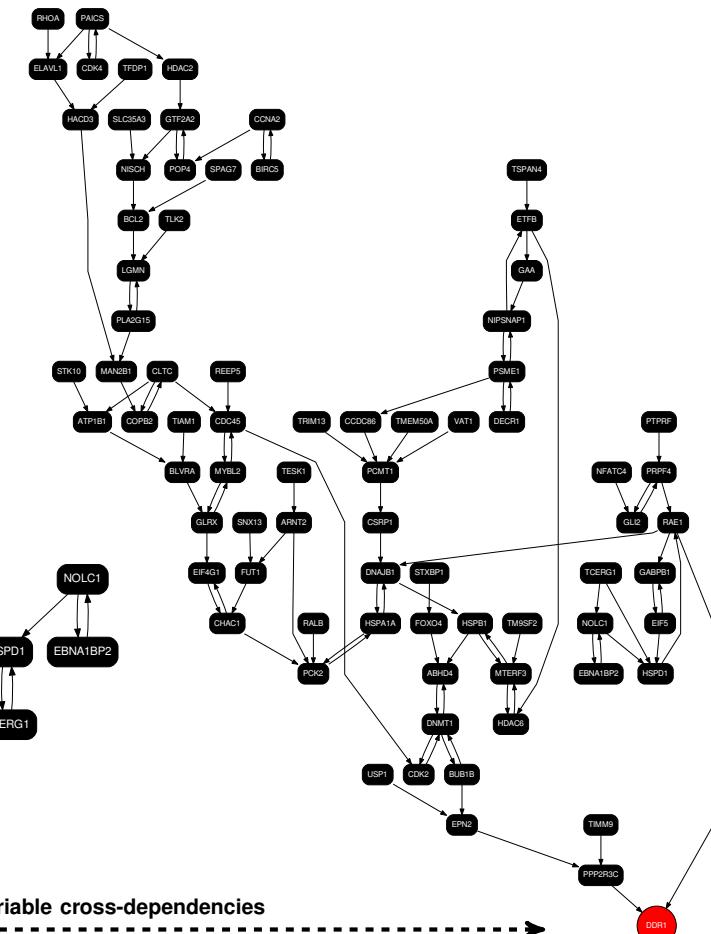


B. Squeeze Net Example ($\theta = 0.2$)



$$\mathcal{L}_\beta(\theta) = I(\tilde{X}(\theta), X) - \beta I(\tilde{X}(\theta), Y)$$

C. Squeeze Net Example ($\theta = 0.19$)



More precise information on variable cross-dependencies