Time course of gene expression

Information on binding sites (ChIP)

Responding genes

Control set of genes

Genome annotation of binding sites

Score of potential function (SPF) of binding sites that separates best training and control genes

Distribution of SPF in each group of responding genes

Distribution of SPF in control genes

False Discovery Rate (FDR) for genes to be direct targets in each group of responding genes

Magnitude, direction and persistence of response