

1883 MMs on  
Affymetrix  
platform

GSE755

GSE2658

GSE6477

GSE9782

GSE13591

GSE19784

GSE15695

Reconstruction of transcription network (ARACNE)

Identification of critical nodes by Global Criticality Score  
(GCS)

Cox Model on training set  
of 100 top critical genes  
→ *globaltest* R package

Cox Model on shared  
primary neighbors →  
*globaltest* R package

Most significant  
probeset selection  
( $p \leq .01$ )

Most significant  
probeset selection  
( $p \leq .05$ )

Hierarchical clustering of  
all probesets or their  
combination

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Overall survival KM correlation on test sets