41,472 genes

TIGR40K cDNA Microarray

3,905 genes; \( P \)-value < 0.05

T-test

1,406 overlapping genes

Custom MicroRNA Microarray

716 unique human miRNAs

PTM

43 miRNA; \( P \)-value < 0.05

miRBase

All putative targets

Potential targets of the miRNAs

1,053 genes

Putative targets of inversely correlated differentially expressed miRNA