



Figure S1: The double logarithmic charts for the numbers (x) of regulated target genes in the identified regulatory networks. C1: cisExpression_transExpression. C2: cisSplicing_transExpression. C3: cisExpression_transSplicing. C4: cisSplicing_transSplicing. $P(X>x)$: the empirical cumulative distribution function. Most data points in C1-3 are adjacent to the (red) straight lines, indicating that the observed target numbers roughly fit a discrete power law distribution $p(x) \propto x^{-\alpha}$ ($\alpha>1, x \geq 1$). In addressing C1 (C3) data, x was truncated with 150 (250) as the upper limit to alleviate the leverage effect of the extreme data point.