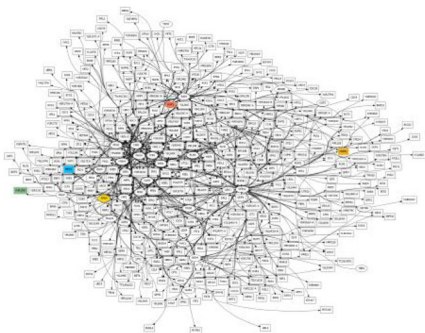
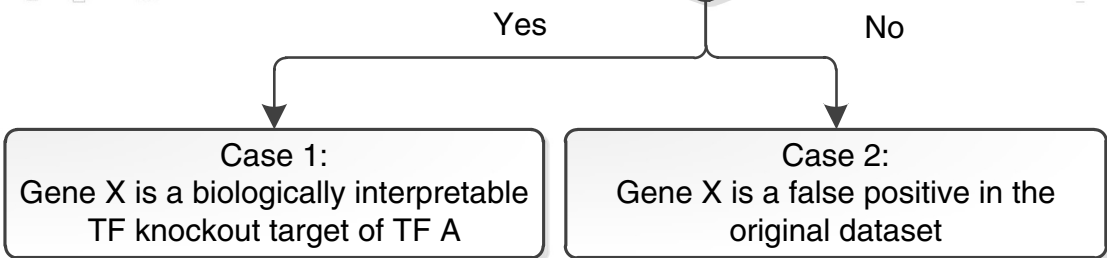


TF Binding Network



Given a pair (TF A, Gene X)
Gene X : a TF knockout target of TF A in the original dataset

Using our mBFS algorithm to determine whether there exists a path in the TF binding network from TF A to Gene X



Case 1a: A shortest path of length one is found

e.g. (Hsf1, HSP82)

Case 1b: A shortest path of length larger than one is found

e.g. (Hsf1, RPT4)

e.g. (Hsf1, YGR259C)

