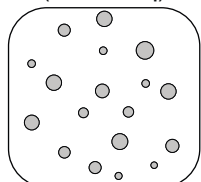
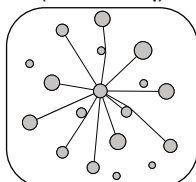


A

1. Regulated nodes (RNA-seq) 2. Bound genes (ChIP-seq)

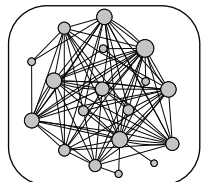


KMT2A-AFF1 siRNA
Kerry et al. 2017



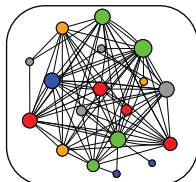
KMT2A-AFF1 ChIP-seq
Wilkinson et al. 2013

3. Assign indirect interactions

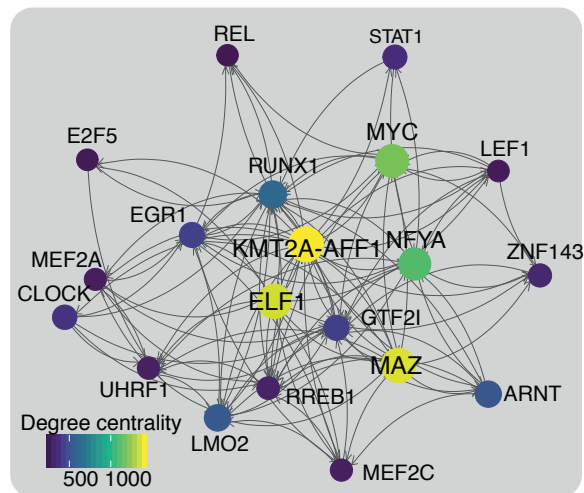


R GeneNetworkBuilder
FANTOM consortium

4. Annotate gene data

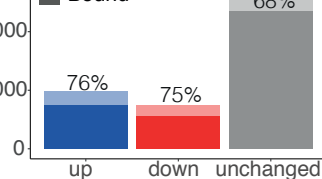


Network statistics
Essentiality screens

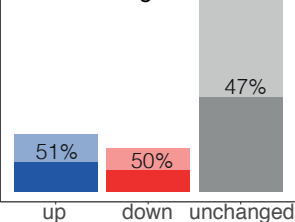
B**C**
AFF1 unbound genes

MAZ binding

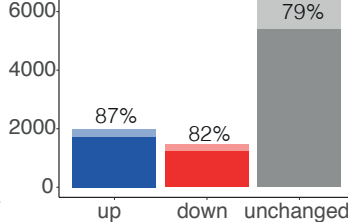
Unbound
Bound



ELF1 binding



RUNX1 binding

MAZ
& ELF1
& RUNX1