Figure 1. Genome-wide ChIP-Chip in human embryonic stem cells

a
Human embryonic stem cells
Whole genome arrays 4.6 million features
Scatter plot (ChIP / reference)
Promoters bound by RNA polymerase II or Suz12

b
Fold enrichment
Chromosomal position
CCNA2 (cyclinA2)

Fold enrichment
Chromosomal position
EIF4G2 (translation initiation factor 4)

Fold enrichment
Chromosomal position
TOP1 (topoisomerase I)

Fold enrichment
Chromosomal position
BNC1 (Basonuclin 1, zinc finger transcription factor)

Fold enrichment
Chromosomal position
MEOX2 (mesenchyme homeo box 2)

Fold enrichment
Chromosomal position
GRID1 (glutamate receptor, Ionotropic, delta 1)

c

Fold enrichment
Chromosomal position
Pol II 30%
Neither

Both 1.9%
Suz12 6.5%

d

e
Fraction of bound probes
Distance from nearest transcription start site (kb)