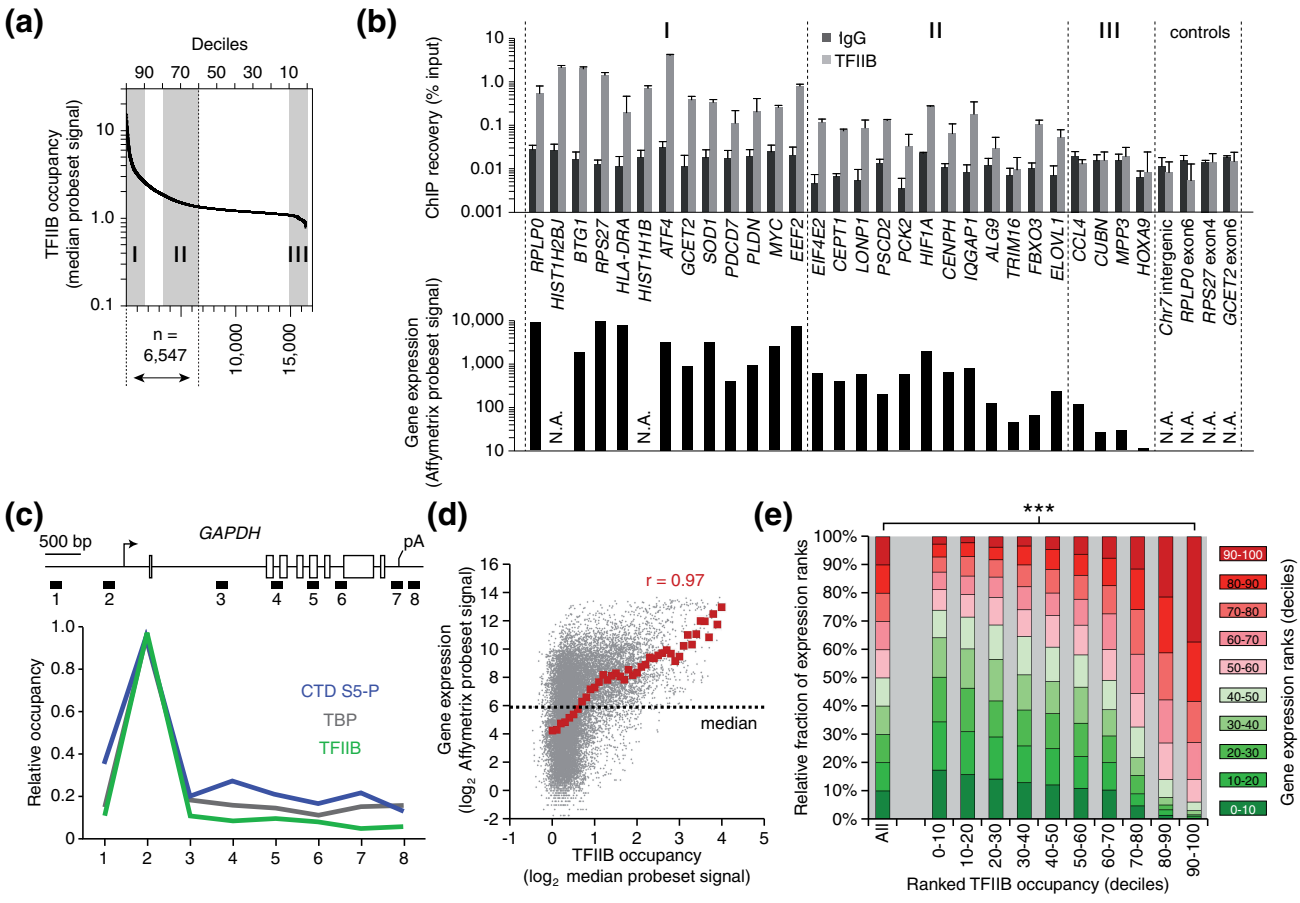

(a)
Deciles
90 70 50 30 10
TFIIB occupancy (median probeset signal)
10
1.0
0.1
I
II
III
n = 6,547
10,000
15,000
(b)
ChIP recovery (% input)
IgG
TFIIB
I
II
III
controls
10
1.0
0.1
0.01
0.001
RPLP0 HIST1H2BJ BTG1 RPS27 HLA-DRA HIST1H1B ATF4 GCET2 SOD1 PDCD7 PLDN MYC EEF2
EIF4E2 CEPT1 LONP1 PSCD2 PCK2 HIF1A CENPH IQGAP1 ALG9 TRIM16 FBXO3 ELOVL1
CCL4 CUBN MPP3 HOXA9
Chr7 intergenic RPLP0 exon6 RPS27 exon4 GCET2 exon6
Gene expression (Affymetrix probeset signal)
10,000
1,000
100
10
N.A.
(c)
500 bp
GAPDH
pA
1 2 3 4 5 6 7 8
Relative occupancy
CTD S5-P
TBP
TFIIB
(d)
r = 0.97
median
Gene expression (log2 Affymetrix probeset signal)
TFIIB occupancy (log2 median probeset signal)
(e)

Relative fraction of expression ranks
All 0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100
Ranked TFIIB occupancy (deciles)
Gene expression ranks (deciles)
90-100 80-90 70-80 60-70 50-60 40-50 30-40 20-30 10-20 0-10