

Supplemental Table S2. Motif frequency in TP53 ChIP-seq peaks.

HCT116			
Motif	Observed	Background freq.	P-value
p53	83.27%	1.06%	1e-8213
p63	86.71%	3.85%	1e-6003
p53(mES)	16.18%	0.24%	1e-1326
Tcfcp2l1	6.44%	0.91%	1.00E-180
TEAD4	18.23%	8.02%	1.00E-133
Smad4	24.28%	14.85%	1.00E-76
BMAL1	30.81%	20.79%	1.00E-69
Fox:Ebox	16.11%	9.90%	1.00E-47
Foxa2	13.45%	7.89%	1.00E-45
THRa	11.81%	6.85%	1.00E-40
MCF7			
Motif	Observed	Background freq.	P-value
p53	81.46%	1.10%	1e-8897
p63	82.57%	3.98%	1e-6136
p53(mES)	16.75%	0.28%	1e-1488
Tcfcp2l1	7.16%	0.99%	1.00E-229
TEAD4	18.62%	8.48%	1.00E-143
Smad4	24.78%	14.97%	1.00E-92
Fox:Ebox	18.28%	10.21%	1.00E-83
Foxa2	14.79%	8.35%	1.00E-63
Smad3	38.92%	29.36%	1.00E-59
GRHL2	7.50%	3.34%	1.00E-56
SJSA			
Motif	Observed	Background freq.	P-value
p53	87.31%	0.95%	1e-8743
p63	89.10%	3.73%	1e-6134
p53(mES)	15.96%	0.27%	1e-1203
Tcfcp2l1	7.01%	0.92%	1.00E-199
TEAD4	19.00%	8.51%	1.00E-129
Smad4	24.12%	14.68%	1.00E-74
BMAL1	31.82%	21.37%	1.00E-71
Foxa2	14.99%	8.07%	1.00E-63
Fox:Ebox	16.98%	9.60%	1.00E-63
AP-1	11.96%	6.67%	1.00E-45