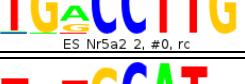
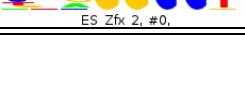
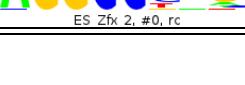


Table S5 Motifs of mouse ES cell factors discovered by GEM

The PFM of these primary motifs and secondary motifs are in Dataset S3.

TF	GEM motif PWM	GEM motif reverse compliment
ES_c-Myc	 ES c-Myc 2, #0,	 ES c-Myc 2, #0, rc
ES_Ctcf	 ES Ctcf 2, #0,	 ES Ctcf 2, #0, rc
ES_E2f1	 ES E2f1 2, #0,	 ES E2f1 2, #0, rc
ES_Esrrb	 ES Esrrb 2, #0,	 ES Esrrb 2, #0, rc
ES_Klf4	 ES Klf4 2, #0,	 ES Klf4 2, #0, rc
ES_Nanog	 ES Nanog 2, #0,	 ES Nanog 2, #0, rc
ES_n-Myc	 ES n-Myc 2, #0,	 ES n-Myc 2, #0, rc
ES_Nr5a2	 ES Nr5a2 2, #0,	 ES Nr5a2 2, #0, rc
ES_Oct4	 ES Oct4 2, #0,	 ES Oct4 2, #0, rc
ES_P300	 ES P300 2, #0,	 ES P300 2, #0, rc
ES_Smad1	 ES Smad1 2, #0,	 ES Smad1 2, #0, rc
ES_Sox2	 ES Sox2 2, #0,	 ES Sox2 2, #0, rc
ES_STAT3	 ES STAT3 2, #0,	 ES STAT3 2, #0, rc
ES_Suz12	 ES Suz12 2, #0,	 ES Suz12 2, #0, rc
ES_Tcfcp2l1	 ES Tcfcp2l1 2, #0,	 ES Tcfcp2l1 2, #0, rc
ES_Zfx	 ES Zfx 2, #0,	 ES Zfx 2, #0, rc