Published datasets used in this study

	Data Source	Reference
F123 *in situ* Hi-C	GSE86150	[5]
sNMseq	GSE97179	[6]
Chromatin states in mESCs	https://github.com/gireeshkbogu/chromatin_states_chromHMM_mm9	[2]
Single cell Methylome in serum and 2i mESCs	GSE56879	[7]
Single cell Hi-C	GSE94489	[3]
Single cell Hi-C	GSE84920	[8]

Supplementary References

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3.   Nagano, T. *et al.* Cell-cycle dynamics of chromosomal organization at single-cell resolution. *Nature* **547**, 61-67 (2017).
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5.   Fang, R. *et al.* Mapping of long-range chromatin interactions by proximity ligation-assisted ChIP-seq. *Cell Research* **26**, 1345 (2016).
6.   Luo, C. *et al.* Single-cell methylomes identify neuronal subtypes and regulatory elements in mammalian cortex. *Science* **357**, 600 (2017).
7.   Smallwood, S.A. *et al.* Single-cell genome-wide bisulfite sequencing for assessing epigenetic heterogeneity. *Nature Methods* **11**, 817 (2014).
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