**Supplementary Table 1.** Gene Expression Omnibus (GEO) accession numbers for H3K4me3 chromatin immunoprecipitation sequencing data

|  |  |  |  |
| --- | --- | --- | --- |
| Cell line | Histone modification | GEO accession ID  Rep1 | GEO accession ID  Rep2 |
| MCF10A | H3K4me3 | SRR3997201 | SRR3997202 |
| MCF7 | H3K4me3 | SRR3997219 | SRR3997220 |
| ZR751 | H3K4me3 | SRR3997237 | SRR3997238 |
| MB231 | H3K4me3 | SRR3997345 | SRR3997346 |
| MB436 | H3K4me3 | SRR3997363 | SRR3997364 |