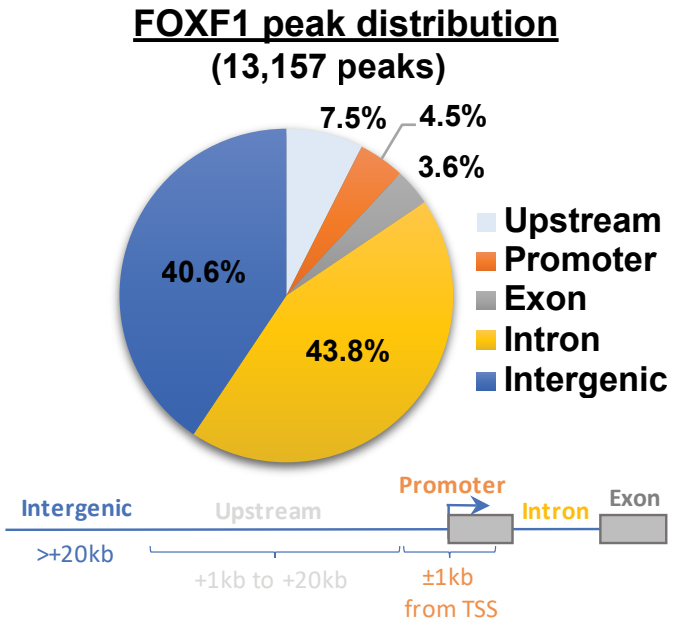
(A)




(B)

| % of Genome | % of CpG Islands | | H3K27ac | H3K9ac | H3K4me1 | H3K4me2 | H3K4me3 | H3K36me3 | H3K9me1 | H3K9me3 | H3K27me3 | RAD21 | CTCF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.64 | 64.36 | Active Promoter | 0.81 | 0.96 | 0.18 | 0.93 | 1.00 | 0.05 | 0.17 | 0.07 | 0.07 | 0.62 | 0.42 |
| 0.47 | 27.99 | Poised Promoter | 0.06 | 0.27 | 0.17 | 0.77 | 0.38 | 0.09 | 0.07 | 0.03 | 0.11 | 0.06 | 0.03 |
| 0.90 | 0.70 | Genic Enhancer | 0.93 | 0.82 | 0.97 | 0.99 | 0.41 | 0.61 | 0.56 | 0.35 | 0.10 | 0.62 | 0.44 |
| 1.49 | 0.34 | Enhancer | 0.72 | 0.25 | 0.83 | 0.75 | 0.02 | 0.23 | 0.21 | 0.11 | 0.02 | 0.11 | 0.06 |
| 2.64 | 0.37 | Weak Enhancer | 0.08 | 0.02 | 0.12 | 0.04 | 0.00 | 0.01 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 |
| 0.71 | 0.09 | Bivalent Enhancer | 0.33 | 0.33 | 0.27 | 0.30 | 0.12 | 0.52 | 0.75 | 0.60 | 0.29 | 0.30 | 0.17 |
| 2.88 | 1.67 | Strong Transcription | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.83 | 0.13 | 0.07 | 0.00 | 0.02 | 0.01 |
| 1.18 | 0.47 | Transcript. Transition | 0.17 | 0.23 | 0.14 | 0.15 | 0.03 | 0.92 | 0.46 | 0.28 | 0.04 | 0.16 | 0.10 |
| 7.41 | 0.57 | Weak Transcription | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| 0.61 | 2.99 | Insulator | 0.03 | 0.13 | 0.10 | 0.13 | 0.01 | 0.08 | 0.18 | 0.10 | 0.08 | 0.64 | 0.86 |
| 4.61 | 0.27 | ZNFgenes&repeats | 0.03 | 0.09 | 0.02 | 0.02 | 0.02 | 0.11 | 0.36 | 0.28 | 0.09 | 0.06 | 0.02 |
| 1.29 | 1.26 | Strong PC Repressed | 0.03 | 0.20 | 0.03 | 0.08 | 0.07 | 0.03 | 0.54 | 0.42 | 0.94 | 0.15 | 0.11 |
| 4.75 | 1.39 | PC Repressed | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.11 | 0.79 | 0.01 | 0.00 |
| 12.04 | 0.41 | Weak PC Repressed | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.06 | 0.00 | 0.00 |
| 32.72 | 0.34 | Heterochromatin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 |
| 25.67 | 0.26 | LowSignal | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |