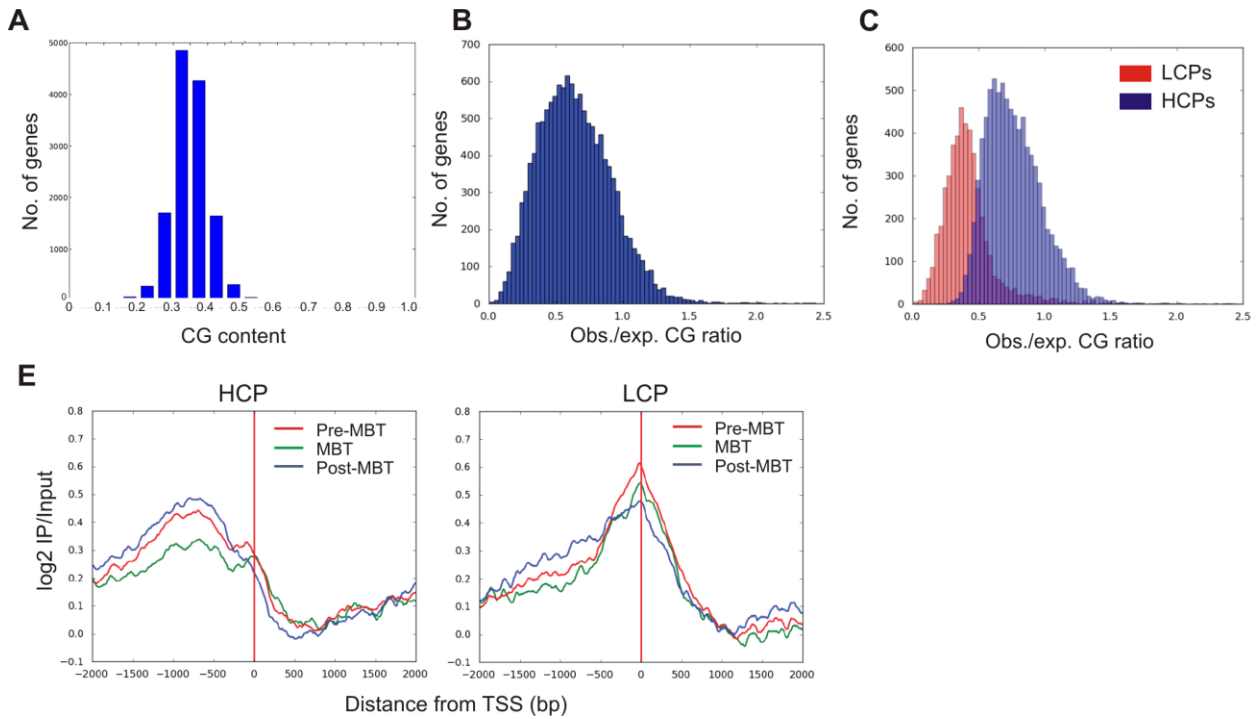




Additional file 3. CG content analysis of zebrafish promoters. **(A)** Distribution of the number of genes as a function of C+G content in the -1 to 0 kb region upstream of the TSS. **(B)** Observed/expected CG ratio for all zebrafish promoters. Numbers are those of NCBI gene IDs. **(C)** CpG content classification of promoters. HCPs, n=7914; LCPs, n=4341. Overlap includes promoters with a given o/e CG ratio but differing in C+G content and thereby partitioning into the LCP or HCP class. **(D)** Average methylation profiles of HCPs and LCPs at pre-MBT, MBT and post-MBT stages, over a -2 to +2 kb window on either side of the TSS.