

Figure S5 Correlations between CGI density and genomic features in 9 mammalian genomes. CGIs were identified by **Gardiner-Garden and Frommer's** (1987) algorithm in the non-repeat portions of genomes. The platypus chromosomes were excluded because of incomplete genome sequence data and chromosome data. The conclusion would be the same when the platypus data were included. **(A)** CGI density (per Mb) vs. number of chromosome pairs. **(B)** CGI density (per Mb) vs. \log_{10} (chromosome size). **(C)** CGI density (per Mb) vs. chromosome GC content (%). **(D)** CGI density (per Mb) vs. chromosome $\text{Obs}_{\text{CpG}}/\text{Exp}_{\text{CpG}}$.



