



**Supplemental Figure S2:  $P_{CT}$  scores of X-Y pairs across 8 mammals.** (A)  $P_{CT}$  score distributions of all gene-miRNA interactions involving X-Y pairs across eight sequenced mammalian Y Chromosomes ( $n = 647$  interactions from 32 genes) and other ancestral X genes ( $n = 8,831$  interactions from 457 genes). \*\*  $p < 0.01$ , two-sided Kolmogorov-Smirnov test. (B) Gene-level mean  $P_{CT}$  scores. \*  $p < 0.05$ , two-sided Wilcoxon rank-sum test.