



**Supplemental Figure S10: Resampled mean  $P_{CT}$  scores of Z-linked genes.** Gene sets: (A) chicken Z-W pairs ( $n = 28$  genes) and other ancestral Z genes ( $n = 657$  genes), (B) Z-W pairs across four birds ( $n = 78$  genes) compared to the remainder of ancestral Z genes ( $n = 607$  genes), and (C) Z-W pairs across 14 birds ( $n = 157$  genes) compared to the remainder of ancestral Z genes ( $n = 528$  genes). Points and error bars represent the median and 95% confidence intervals from 1,000 gene samplings with replacement. \*\*\*  $p < 0.001$ , empirical p-value computed as the fraction of random non-overlapping gene sets with a median difference in  $P_{CT}$  score at least as large as the true difference.