



**Supplemental Figure S13: Ancestral miRNA targeting of Z-W pairs across 4 birds. (A)**

Distributions of sites conserved between 3' UTRs of human and chicken orthologs (top) or comparisons to background expectation (bottom, see Methods) for Z-W pairs across chicken and three additional birds with male and female genome sequence (4 birds,  $n = 73$ ) and other ancestral Z genes ( $n = 532$ ). (D) Statistics as in (C), but using sites conserved between human and anolis 3' UTRs; Z-W pairs across 4 birds ( $n = 73$ ), other ancestral Z genes ( $n = 527$ ). \*\*\*  $p < 0.001$ , two-sided Fisher's exact test.