



Figure S4. Independent Hi-C matrix and sequence alignment of Y chromosomes. A-C, The Y Hi-C matrix of *C. chinensis* (A), *A. obtectus* (B), and *C. maculatus* (C). **D-F,** Synteny dot plot of sequence alignment between our Y assembly and Y-links contig from Kaufmann *et al.* CMAC_3 vs. YL-link contigs (D), CMAC_Y vs. YL-link contigs (E), and CMAC_Y vs. YS-link contigs (F). Forward orientation is visualized in red and reversed in blue.