



Additional file 2. Diagrams for partial gene structure, primer positions and gel electrophoresis of PCR products. **a.** Diagrams show partial structures of *CTNNB1* and *WAC* genes inferred from human, chicken and green anole homologs with positions of primers used for PCR. Solid and dashed lines show introns, and grey boxes show exons. Colored arrows show positions of three primer pairs. **b.** Gel electrophoresis image is shown for PCR products amplified with two primer pairs, Eq-*CTNNB1*-11-F × -13-R and Eq-*CTNNB1*-14-F × -15-R, in male and female *E. quadrivirgata*. **c.** Gel electrophoresis image is shown for PCR products amplified with a primer pair, Eq-*CTNNB1*-11-F × -13-R, in males and females of *P. bivittatus* (PBI), *B. constrictor* (BCO), *L. semicarinarum* (LSE), *R. tigrinus* (RTI), *P. flavoviridis* (PFL), *G. blomhoffii* (GBL), *B. arietans* (BAR), and *N. kaouthia* (NKA).