



Figure S5. Analysis of collinearity between Coleoptera species. A-E, Pairwise synteny relationship between Coleoptera species. Links indicate the boundaries of syntenic gene blocks identified by MCScanX. **F-H, Composition of** orthologous genes across the chromosomes between *A. obtectus* and *P. sulphureomaculatus* (F), *A. obtectus* and *T. castaneum* (G), *P. sulphureomaculatus* and *T. castaneum* (H). Each bar represents the percentage distribution of orthologous genes from another species across different chromosomes.