



Figure S8. Chromosomal conservation of orthologous genes between Bruchidae and *P. sulphureomaculatus*. Each point represents the percentage of orthologous genes between different chromosomes of the *P. sulphureomaculatus* and Bruchidae species. The X chromosome of *P. sulphureomaculatus* is marked with red dots, which exhibit the highest percentage of orthologous genes with X chromosomes of Bruchidae species.