**Figure S1.** Distribution of long fragment repeat in the chloroplast genome of *P. atropurpura.* F: forward repeats; P: palindromic repeats; R: reverse repeat; C: complementary repeats

**Figure S2.** Distribution of SSR in the chloroplast structure region of *P. atropurpura*

**Figure S3.** Distribution of SSR in the chloroplast genome region of *P. atropurpura*

**Figure S4.** RSCU statistics of chloroplast genome of *P. atropurpura*