

**Figure S1.** Duck plumage colors. (A, B) Putian Black duck; (C) Putian White duck; (D, E) Longsheng Jade-green duck.

**Figure S2.** Pearson’s correlation analysis between samples. The figures in the matrix (*R2*) are the squares of the correlation coefficient (*r*) between two samples.



**Figure S3.** The distribution of genome-wide gene transcription levels according to FPKM value.



**Figure S4.** Scatter plot of the top 20 enriched cellular component GO terms



**Figure S5.** Scatter plot of the top 20 enriched molecular function GO terms.