

Genetic and histological relationship between pheromone-secreting tissues of the musk gland and skin of juvenile Chinese forest musk deer (*Moschus berezovskii* Flerov, 1929)

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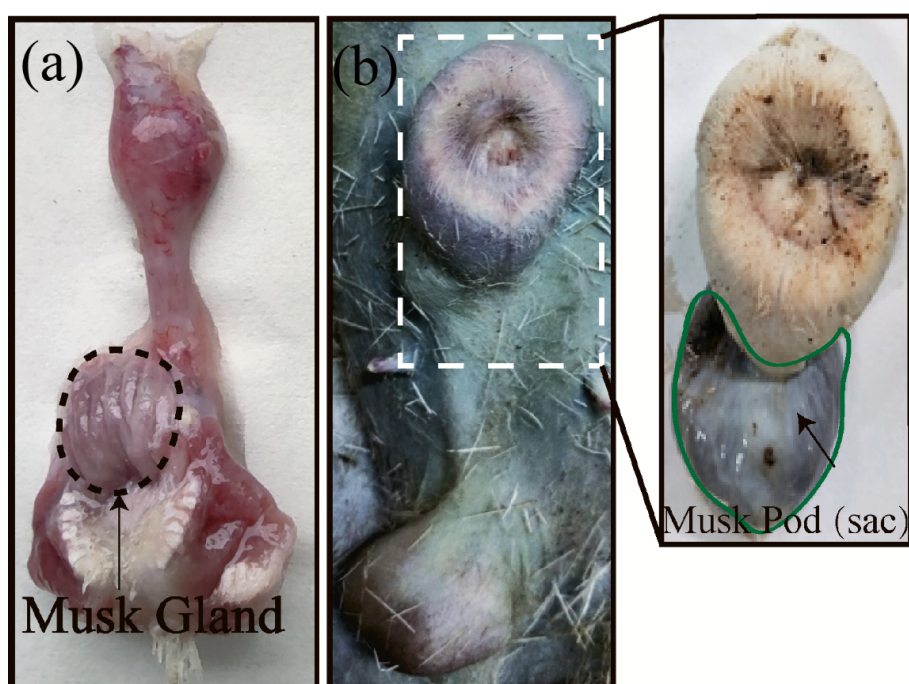


Fig. S1 Anatomical diagram illustrating the development of the musk gland at different stages. (a) Anatomy of the musk gland in a 4-month-old forest musk deer (FMD); (b) Development of the musk pod in an adult (6-year-old) FMD.

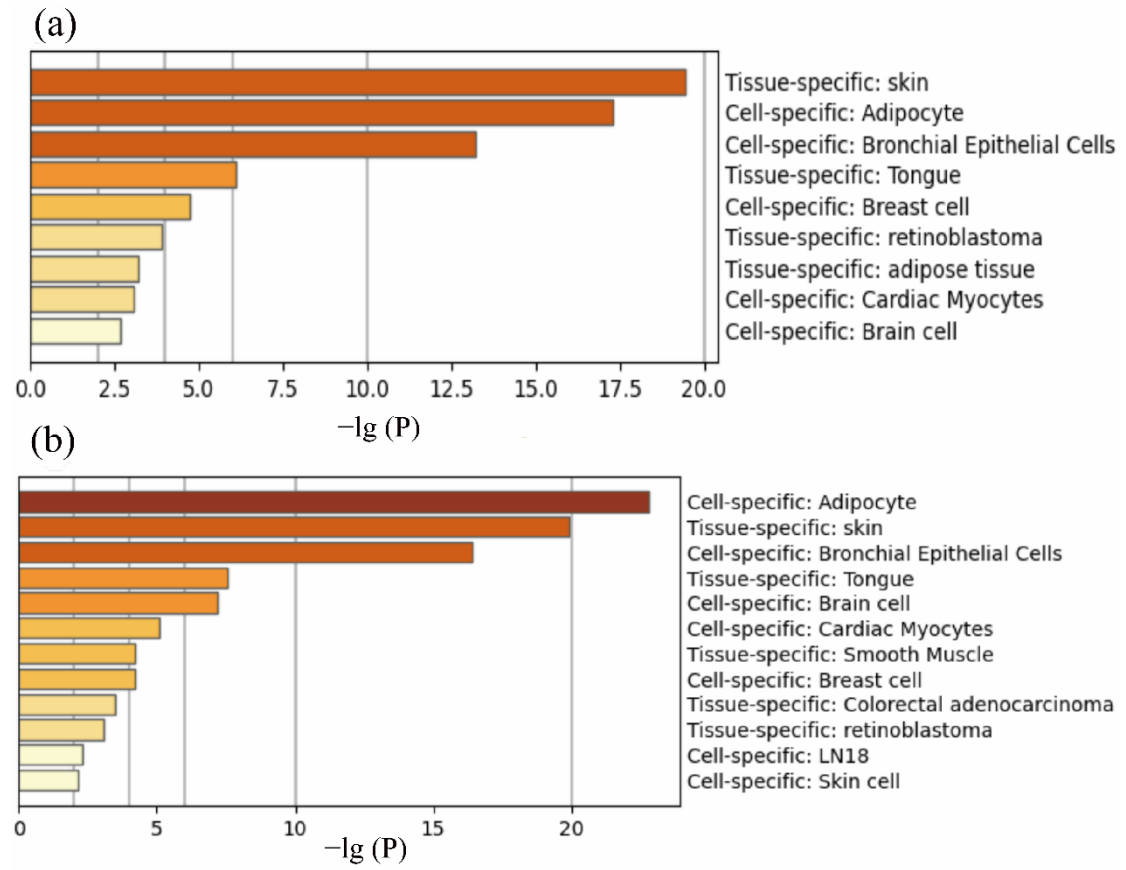


Fig. S2 Gene Metascape enrichment analyzed in the abdominal and back skin of forest musk deer (FMD). Gene enrichment analysis in the abdominal skin (a) and back skin (b).

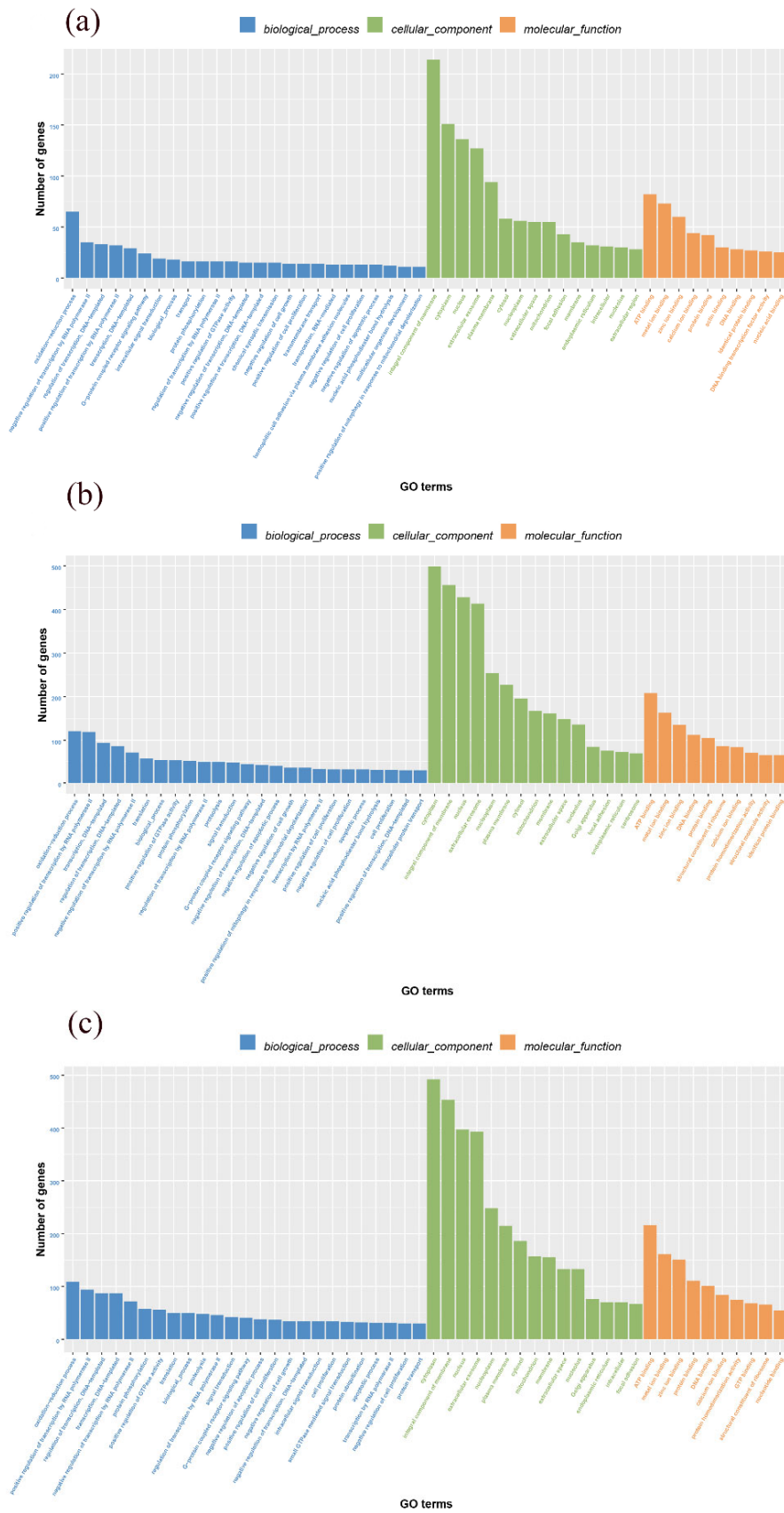


Fig. S3 Gene Ontology (GO) enrichment analysis of differentially expressed genes in the back skin, abdominal skin, and musk gland tissue. (a) Musk gland vs. back skin; (b) Musk gland vs. abdominal skin; (c) Back skin vs. abdominal skin.

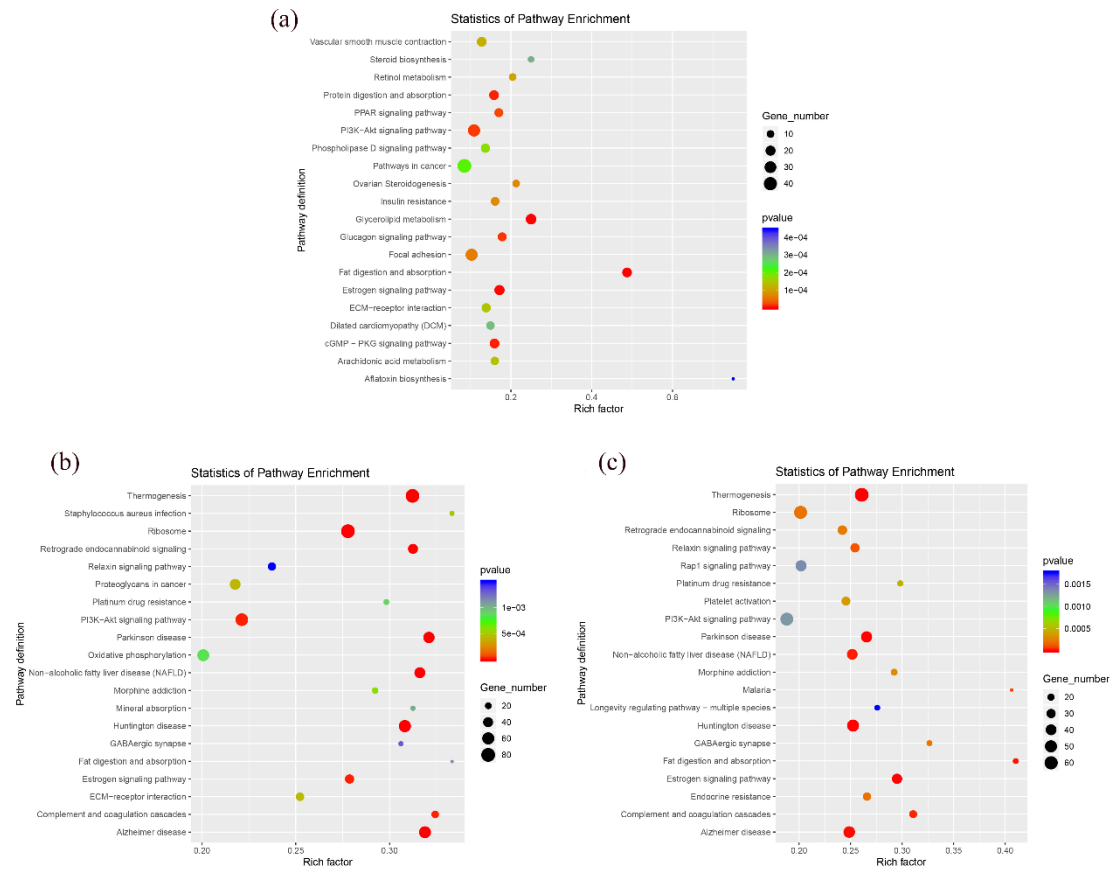


Fig. S4 Bubble chart of comparative Kyoto Encyclopedia of Genes and Genome (KEGG) pathway enrichment analysis. (a) Musk gland vs. back skin; (b) Musk gland vs. abdominal skin; (c) Back skin vs. abdominal skin.