

Supplementary information

Effect of Trilobatin from *Lithocarpus Polystachyus* Rehd on the Serum Lipid Levels and Gut Microbiota of Rats under High-fat Diet

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Table S1 the composition of chow diet

Compositions	Source	Value (g kg ⁻¹)
Protein	American chicken meal	Crude protein ≥ 180 Lysine ≥ 8 Methionine + cysteine ≥ 5
Fat	Vegetable oil	Crude fat ≥ 40
Fiber	Bran	Crude fiber ≤ 50
Carbohydrate	Corn, wheat flour	-
Vitamin	Vitamin A, D, E, B and other multivitamins	-
Mineral	Iron, zinc and other complex trace elements	Calcium 15~18 Total phosphorus 8~12

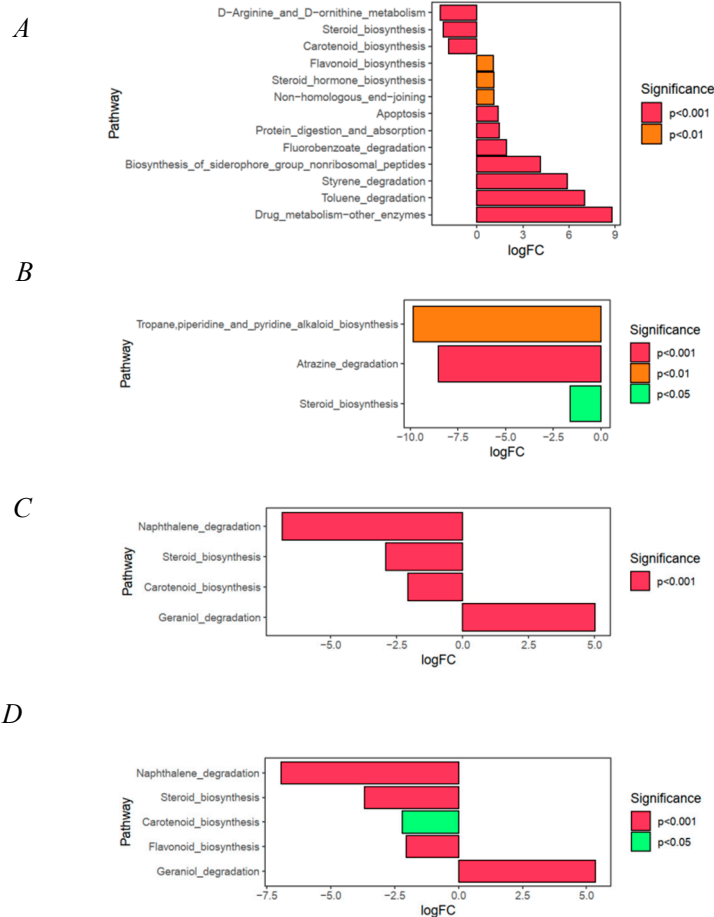


Fig. S1 KEGG metabolic pathways functional gene prediction analysis in different groups. (A) different KEGG metabolic pathways between NC and BC groups; (B) different KEGG metabolic pathways between BC and TRL groups; (C) different KEGG metabolic pathways between BC and TRM groups; (D) different KEGG metabolic pathways between BC and TRH groups. NC: Normal control group, chow diet; BC: Blank control group, High-fat diet; ORL: Orlistat; TRL: Low dose group, trilobatin; TRM: Middle dose group, trilobatin; TRH: High dose group, trilobatin.