



Figure S1. Microbial characteristics of DHEA-induced PCOS-like rats.

a Alpha diversity was presented by PD whole tree index. **b** Beta diversity was displayed by PCoA analysis with unweighted UniFrac distance. Numbers on the axes represent percentage of variation interpreted by that coordinate. **c** Heat map of differentially abundant taxa between samples from DHEA treated rats and controls. These taxa were identified by Wilcoxon test with $p < 0.05$. LefSe analysis results were displayed by cladogram (**d**) and LDA score bar plot (**e**). Differentially abundant taxa enriched in PBS group were represented by blue sectors or bars. Taxa with LDA score > 2 were shown and regarded capable of discriminating groups. $n=6$ rats each group.