

Table S1. Different gut bacteria between the rats fed with two kinds of diet.

Significantly changed gut bacteria	Mean OTU of rice-diet group	Mean OTU of pork-diet group	P value from t-test	LEfSe analysis
Bacteroidetes Bacteroidia Bacteroidales Porphyromonadaceae Barnesiella	0.0089 ± 0.0074	0.0317 ± 0.0101	0.001	Biomarker
Firmicutes Erysipelotrichi Erysipelotrichales Erysipelotrichaceae Bulleidia	0.0019 ± 0.0024	0.0075 ± 0.0029	0.005	Biomarker
Bacteroidetes Bacteroidia Bacteroidales Prevotellaceae Prevotella	0.0051 ± 0.0046	0.0329 ± 0.0191	0.006	Biomarker
Firmicutes Clostridia Clostridiales Peptococcaceae Desulfitibacter	0.0032 ± 0.0012	0.0012 ± 0.0008	0.007	
Proteobacteria Betaproteobacteria Burkholderiales Alcaligenaceae Parasuttrella	0	0.0019 ± 0.0014	0.007	Biomarker
Firmicutes Clostridia Clostridiales Eubacteriaceae Alkalibacter	0.0095 ± 0.0056	0.0017 ± 0.0022	0.009	
Firmicutes Clostridia Clostridiales Incertae Anaerovorax	0.0084 ± 0.0047	0.0222 ± 0.0097	0.011	
Firmicutes Clostridia Clostridiales Lachnospiraceae Oribacterium	0.0003 ± 0.0005	0.0029 ± 0.0019	0.011	Biomarker
Bacteroidetes Bacteroidia Bacteroidales Bacteroidaceae Bacteroides	0.0026 ± 0.0029	0.0408 ± 0.0308	0.013	Biomarker
Firmicutes Clostridia Clostridiales Ruminococcaceae Oscillibacter	0.0029 ± 0.0025	0.0082 ± 0.0035	0.013	
Proteobacteria Gammaproteobacteria Enterobacteriales Enterobacteriaceae Yersinia	0.0018 ± 0.0015	0.0001 ± 0.0002	0.019	
Firmicutes Bacilli Lactobacillales Aerococcaceae Dolosicoccus	0.0008 ± 0.0004	0.0001 ± 0.0003	0.022	Biomarker
Actinobacteria Actinobacteria Coriobacteriales Coriobacteriaceae Paraeggerthella	0.0102 ± 0.0077	0.0013 ± 0.0022	0.022	
Bacteroidetes Sphingobacteria Sphingobacteriales Sphingobacteriaceae Nubella	0.0002 ± 0.0003	0.0025 ± 0.002	0.022	
Proteobacteria Gammaproteobacteria Enterobacteriales Enterobacteriaceae Serratia	0.0021 ± 0.0016	0.0003 ± 0.0005	0.025	
Bacteroidetes Bacteroidia Bacteroidales Porphyromonadaceae Tannerella	0.0018 ± 0.0028	0.0067 ± 0.0038	0.029	Biomarker
Bacteroidetes Bacteroidia Bacteroidales Rikenellaceae Alistipes	0.0006 ± 0.0012	0.0042 ± 0.0033	0.031	
Firmicutes Clostridia Clostridiales Lachnospiraceae Robinsoniella	0.0575 ± 0.0236	0.1049 ± 0.0431	0.040	
Bacteroidetes Flavobacteria Flavobacteriales Flavobacteriaceae Flavobacterium	0.0005 ± 0.0005	0.0001 ± 0.0002	0.042	
Firmicutes Clostridia Clostridiales Eubacteriaceae Anaerofustis	0.0023 ± 0.0023	0.0002 ± 0.0005	0.046	Biomarker
Firmicutes Clostridia Clostridiales Ruminococcaceae Anaerotruncus	0.0076 ± 0.0044	0.0037 ± 0.0017	0.073	Biomarker
Bacteria Firmicutes Clostridia Clostridiales Lachnospiraceae Dorea	0.0709 ± 0.0407	0.0364 ± 0.0188	0.089	Biomarker
Bacteria Firmicutes Clostridia Clostridiales Lachnospiraceae Johnsonella	0.0023 ± 0.0016	0.0139 ± 0.0157	0.101	Biomarker