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 Parasutterella	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
Actino bacteria Actino bacteria Corio bacteria les Corio bacteria cea e Para eggerthella	0.0102 ± 0.0077	0.0013 ± 0.0022	0.022	
Bacteroidetes Sphingobacteria Sphingobacteriales Sphingobacteriaceae Nubsella	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 Flavobacteri	0.0005 ± 0.0005	0.0001 ± 0.0002	0.042	
	0.0022 ± 0.0022	0.0002 ± 0.0005	0.046	Diomarkar
Bacteria Firmicutes Clostridia Clostridiales Lachnospiraceae Dorea	0.0709 ± 0.0407 0.0023 ± 0.0016	0.0364 ± 0.0188 0.0139 ± 0.0157	0.101	Biomarker
thella Bacteroidetes Sphingobacteria Sphingobacteriales Sphingobacteriaceae Nub sella Proteobacteria Gammaproteobacteria Enterobacteriales Enterobacteriaceae Serratia Bacteroidetes Bacteroidia Bacteroidales Porphyromonadaceae Tannerella Bacteroidetes Bacteroidia Bacteroidales Rikenellaceae Alistipes Firmicutes Clostridia Clostridiales Lachnospiraceae Robinsoniella Bacteroidetes Flavobacteria Flavobacteriales Flavobacteriaceae Flavobacterium Firmicutes Clostridia Clostridiales Eubacteriaceae Anaerofustis Firmicutes Clostridia Clostridiales Ruminococcaceae Anaerotruncus Bacteria Firmicutes Clostridia Clostridiales Lachnospiraceae Dorea	0.0002 ± 0.0003 0.0021 ± 0.0016 0.0018 ± 0.0028 0.0006 ± 0.0012 0.0575 ± 0.0236 0.0005 ± 0.0005 0.0023 ± 0.0023 0.0076 ± 0.0044 0.0709 ± 0.0407	0.0025 ± 0.002 0.0003 ± 0.0005 0.0067 ± 0.0038 0.0042 ± 0.0033 0.1049 ± 0.0431 0.0001 ± 0.0002 0.0002 ± 0.0005 0.0037 ± 0.0017 0.0364 ± 0.0188	0.022 0.025 0.029 0.031 0.040 0.042 0.046 0.073 0.089	Biomarker Biomarker Biomarker