

Table S1 significantly different genera between PD and HC groups

Phylum	Genus	Abundance (%)		p-value	Trend
		HC	PD		
Firmicutes	Acidaminococcus	0.005	0.312	0.020	↑
Proteobacteria	Acinetobacter	0.001	0.275	0.320	↑
Firmicutes	Enterococcus	7.62E-03	0.25	0.006	↑
Proteobacteria	Escherichia-Shigella	0.55	2.2	0.038	↑
Firmicutes	Megamonas	3.24E-04	0.62	0.044	↑
Firmicutes	Megasphaera	0.04	3.66	0.005	↑
Proteobacteria	Proteus	1.30E-03	0.20	0.022	↑
Firmicutes	Streptococcus	0.09	0.33	0.010	↑
Firmicutes	Blautia	2.14	0.52	0.018	↓
Firmicutes	Faecalibacterium	5.18	2.48	0.048	↓
Firmicutes	Ruminococcus	3.68	1.10	0.019	↓

Statistical analysis was performed by Metastats method
 ↑ means increase, ↓ means decrease,