

Table S6: Comparison of genus level in gut microbiota before and after treatment

		0-week	6-week	P value	P (adjusted)
Bifidobacterium	Median(P25-P75)	0.02(0.01~0.06)	0.03(0.01~0.07)	0.208	0.105
	Mean $\pm$ SD	0.06 $\pm$ 0.1	0.07 $\pm$ 0.09		
Bacteroides	Median(P25-P75)	0.06(0.02~0.11)	0.01(0~0.04)	0.000	0.313
	Mean $\pm$ SD	0.1 $\pm$ 0.12	0.04 $\pm$ 0.07		
Anaerostipes	Median(P25-P75)	0.01(0~0.01)	0.02(0.01~0.02)	0.025	0.129
	Mean $\pm$ SD	0.01 $\pm$ 0.02	0.02 $\pm$ 0.01		
Blautia	Median(P25-P75)	0.06(0.02~0.11)	0.18(0.08~0.25)	0.000	0.003
	Mean $\pm$ SD	0.07 $\pm$ 0.06	0.18 $\pm$ 0.12		
Fusicatenibacter	Median(P25-P75)	0.01(0~0.01)	0.01(0.01~0.02)	0.035	P<0.001
	Mean $\pm$ SD	0.01 $\pm$ 0.01	0.02 $\pm$ 0.02		
Faecalibacterium	Median(P25-P75)	0.02(0.04~0.09)	0.02(0.05~0.09)	0.035	0.737
	Mean $\pm$ SD	0.08 $\pm$ 0.11	0.07 $\pm$ 0.07		
Subdoligranulum	Median(P25-P75)	0.06(0.02~0.1)	0.04(0.02~0.06)	0.047	0.240
	Mean $\pm$ SD	0.09 $\pm$ 0.11	0.05 $\pm$ 0.04		
Akkermansia	Median(P25-P75)	0(0~0.02)	0.01(0~0.04)	0.101	0.188
	Mean $\pm$ SD	0.03 $\pm$ 0.07	0.04 $\pm$ 0.09		