

Table S5: Comparison of phylum level in gut microbiota before and after treatment

		0-week	6-week	P value	P (adjusted)
Euryarchaeota	Median(P25-P75)	0 (0~0)	0 (0~0)	0.206	0.356
	Mean $\pm$ SD	0.01 $\pm$ 0.05	0 $\pm$ 0.01		
Acidobacteria	Median(P25-P75)	0 (0~0)	0 (0~0)	0.693	0.696
	Mean $\pm$ SD	0 $\pm$ 0	0 $\pm$ 0		
Bacteroidetes	Median(P25-P75)	0.11(0.03~0.25)	0.02(0~0.05)	0.000	0.177
	Mean $\pm$ SD	0.16 $\pm$ 0.16	0.05 $\pm$ 0.08		
Chloroflexi	Median(P25-P75)	0(0~0)	0(0~0)	0.000	0.811
	Mean $\pm$ SD	0 $\pm$ 0	0 $\pm$ 0		
Firmicutes	Median(P25-P75)	0.66(0.52~0.8)	0.81(0.74~0.89)	0.000	P<0.001
	Mean $\pm$ SD	0.63 $\pm$ 0.2	0.78 $\pm$ 0.16		
Patescibacteria	Median(P25-P75)	0(0~0.03)	0(0~0.01)	0.002	0.314
	Mean $\pm$ SD	0.03 $\pm$ 0.09	0.02 $\pm$ 0.05		
Proteobacteria	Median(P25-P75)	0.01(0~0.03)	0(0~0)	0.001	0.480
	Mean $\pm$ SD	0.04 $\pm$ 0.09	0 $\pm$ 0.01		