



Fig.S1. The effect of FMT on gut microbiota in T2DM mice. (A) Observed species. (B) Box plot of Shannon index. (C) Box plot of Simpson index. *P < 0.05 versus T2DM, #P < 0.05 versus Control, n = 5.

Table S1 Multiplicative quick score of IL-6 in islets

<i>Quick score=A x B</i>	
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Control	10 4 3 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
T2DM	0 3 2 0 4 0 3 0 0 5 0 0 1 0 0 0 0 0 0
T2DM+FMT	9 3 0 0 4 0 2 0 0 0 0 0 0 0 0 0 0 0 0

Notes: A = the percentage of positive cells. B=the average of intensity.

Table S2 Multiplicative quicks core of IL-10 in islets

<i>Quick score=A x B</i>	
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Control	0 1 1 1 0 0 3 0 0 4 0 0 5 0 0 3 0 0 0
T2DM	7 5 3 2 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
T2DM+FMT	1 1 3 1 0 0 2 0 0 8 0 0 2 0 0 0 0 0 0

Notes: A = the percentage of positive cells. B=the average of intensity.

Table 3 Multiplicative quick score of TNF- α in islets

Quick score=A x B

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Control	12	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T2DM	1	1	3	0	4	0	4	0	0	5	0	0	0	0	0	0	0	0	0
T2DM+FMT	6	5	3	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0

Notes: A = the percentage of positive cells. B=the average of intensity.