

Table S2. The body weight of mice fed experimental diets. Data are presented as the means \pm S.D and analyzed by ANOVA followed by Tukey post hoc test. * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$ vs the HFD group.

	Normal diet		High -fat diet					
	Control	HFD	HFD+M	HFD+FO600	HFD+KO600	FO300KO300	FO400KO200	FO450KO150
Initial BW (g)	23.33 \pm 3.23	22.16 \pm 2.65	23.97 \pm 3.13	23.44 \pm 2.46	23.26 \pm 3.17	24.12 \pm 3.43	23.66 \pm 2.01	24.01 \pm 3.19
Final BW(g)	32.14 \pm 3.72	44.93 \pm 4.21	37.86 \pm 4.01	41.63 \pm 3.17	40.13 \pm 4.36	38.77 \pm 4.21	41.26 \pm 4.33	43.17 \pm 4.13
BW gain (g)	9.47 \pm 1.33***	22.66 \pm 1.67	13.44 \pm 2.03***	17.62 \pm 1.56**	16.27 \pm 1.78**	14.61 \pm 2.21**	17.81 \pm 1.88**	19.32 \pm 1.32*