SFig. 1

**Changes in plasma GLP-1 concentrations after oral administration of dextrin or whey protein, with or without sitagliptin treatment.**

(A and B) Changes in plasma GLP-1 concentrations from the basal (0 min) value. Rats were orally given whey protein (2 g/10 mL/kg) or dextrin (2 g/10 mL/kg), with (●) or without (○) 50 mg/kg sitagliptin treatment. Blood samples were collected at 0, 15, 30, 60, 90, and 120 min. Values are mean ± SEM (n = 5-6). Plus signs (+) indicate significant differences compared with basal (0 min) values within each treatment (+; P<0.05, ++; P<0.01, Dunnett’s test). Asterisks (\*) indicate significant differences between the treatments (\*; P<0.05, \*\*; P<0.01, Student’s t-test). The P values of two-way repeated ANOVA for time (TI), treatment (TR), and interactions of time and treatment (TIxTR) are shown in each panel.