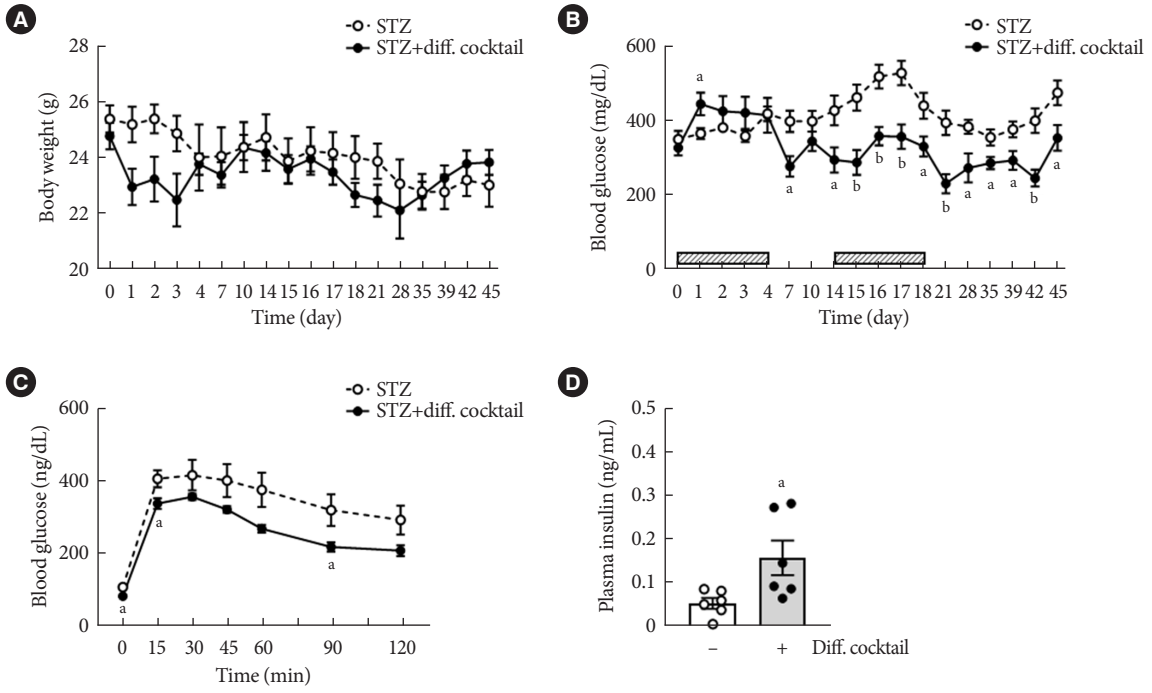

Supplementary Fig. 2. Characterization of streptozotocin (STZ)-induced diabetic chimeric mice harboring bone marrow mononucleated cells (BMNCs) from MIP-Luc/green fluorescent protein (GFP) (Jackson Laboratories) systemically administered with differentiation (diff.) cocktail. Body weight (A) and changes in random feeding blood glucose levels (B) of mice administered with diff. cocktail (filled circle, straight line) or comparable vehicle (empty circle, dotted line) are measured on the indicated days. (C) Blood glucose responses from the intraperitoneal glucose tolerance test (ipGTT). Glucose (1 g/kg, body weight) is injected after overnight fasting at 36 days after systemic infusion with diff. cocktail. (D) Plasma insulin levels after overnight fasting at 46 days following oral administration are measured using ultrasensitive mouse insulin enzyme-linked immunosorbent assay (ELISA). All data are presented as the mean±standard error of the mean, obtained from 5–8 mice per group. Diff. cocktail, combination of putrescine, glucosamine, nicotinamide, and BP-1-102. [a]$P<0.05$, [b]$P<0.01$.