

## Supplementary material

Fig. S1 VAC alleviated glucose/lipid metabolic disorders and insulin resistance in STZ/HFD mice

(A) Body weight, (B) blood glucose and (C) serum glycosylated hemoglobin test of STZ/HFD mice STZ/HFD; (D) Oral glucose tolerance test (OGTT) in the 11<sup>th</sup> week of experiments; (E) Insulin tolerance test (ITT); (F-I) Serum triglyceride (TG), Serum total cholesterol (TCH), Serum low density lipoprotein cholesterol (LDL-C) levels, Serum high density lipoprotein cholesterol (HDL-C) levels of T2DM mice. Values are mean ±SEM, \*p< 0.05, \*\*p < 0.01, \*\*\*p < 0.001, n=7 for each group.