Control mice were fed either a diet of normal chow, low iron content chow, or normal diet chow + iron chelator for seven weeks. Body weight, fasting blood glucose (FBG) levels, IPGTT, HbA1C% and fasting insulin content (FIns), and ferritin levels were recorded at 4 and 10 weeks (A to F). * indicates $P < 0.05$ compared with the control group.