



Supplement figure 1. Mouse pancreas was harvested and paraffin embedded after fixation in formalin. Four-micron sections were cut and stained with Hematoxylin & Eosin (H&E $\times 400$). Nondiabetic and nondiabetic+HemoHIM mice were not detected infiltration of lymphocyte in the pancreas. Lymphocytes were infiltrated surrounding islet cells in the STZ-induced diabetic mice (black arrow). Interestingly, however, HemoHIM dramatically reduced infiltration of lymphocytes (black arrow).