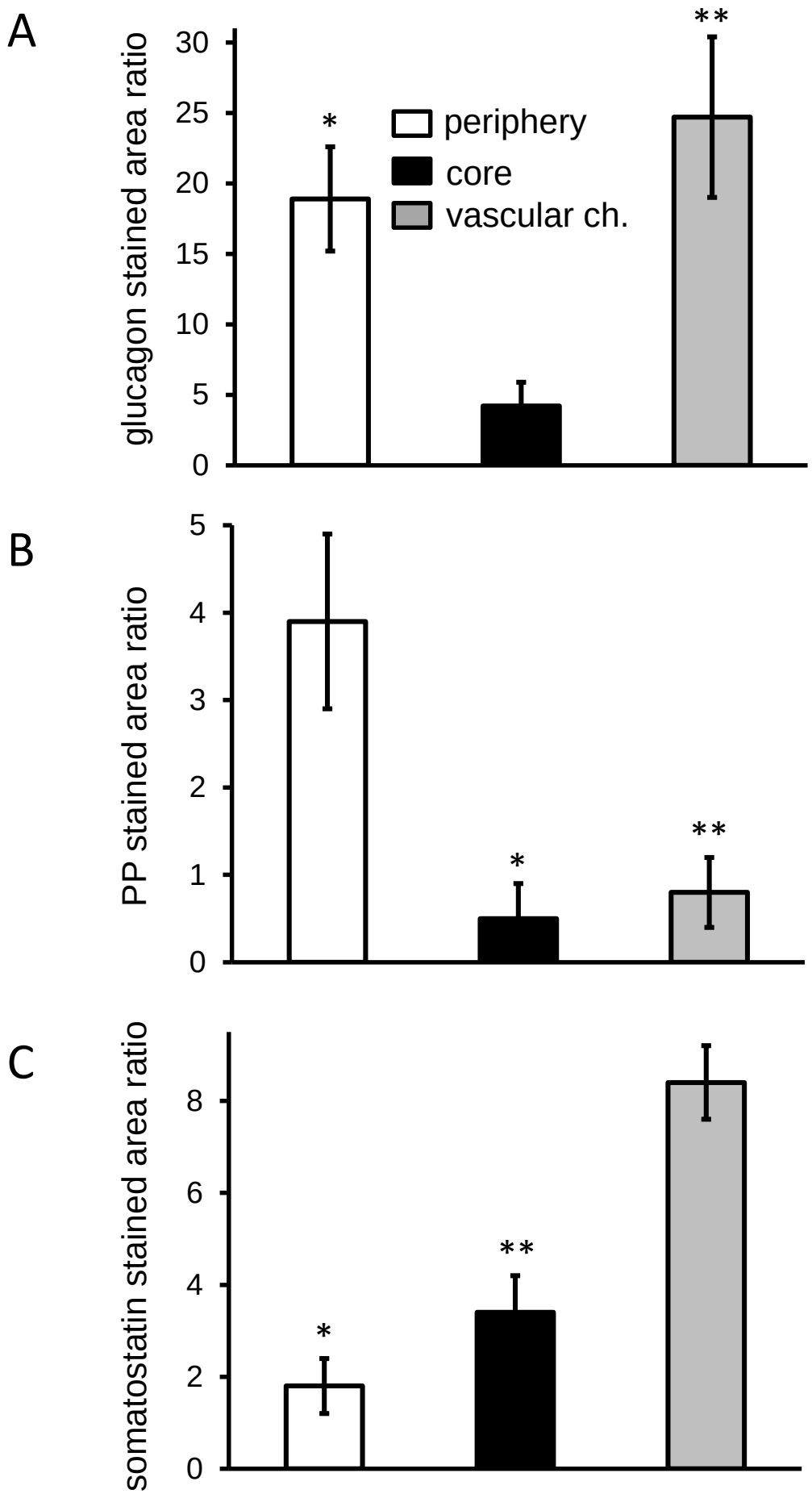

Supplementary Figure 1

Legend Supplementary Figure 1:

Quantification of islet cell locations in human pancreatic islets calculated with stained areas expressed relative to total areas. Stained area for glucagon (A), PP (B) and somatostatin (C) are expressed relative to the total areas measured for the islet peripheral (white columns), the core (black columns) and the vascular channel (vacular ch.) regions (grey columns). A: Glucagon stained area ratios are similar between the islet periphery and the area around intraislet vascular channels and higher (*p=0.02, **p=0.003) than in the core of islet subunits; n=5 pancreata for a total of 21 islets. B: PP stained area ratio is higher in the islet periphery as compared to the core of islet subunits (*p=0.003) and the area around intraislet vascular channels (**p=0.005); n=6 pancreata for a total of 35 islets. C: Somatostatin stained area ratio is higher (*p<0.0001, p=0.001) in the area around the intraislet vascular channels than the islet periphery and the core of islet subunits; n=4 pancreata for a total of 42 islets.