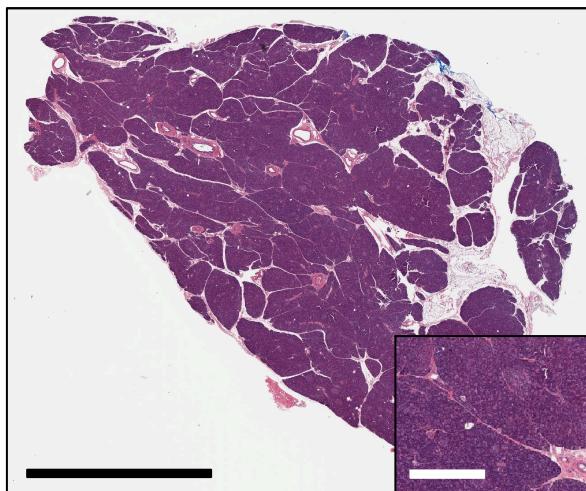
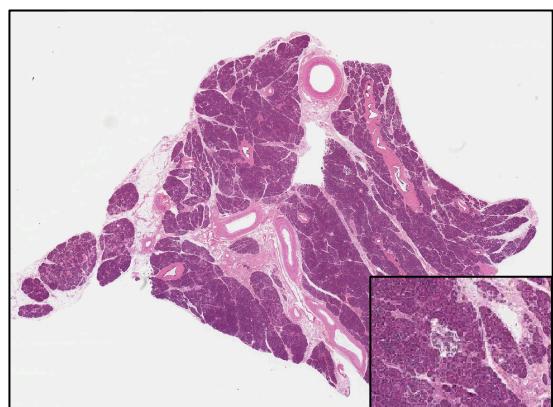


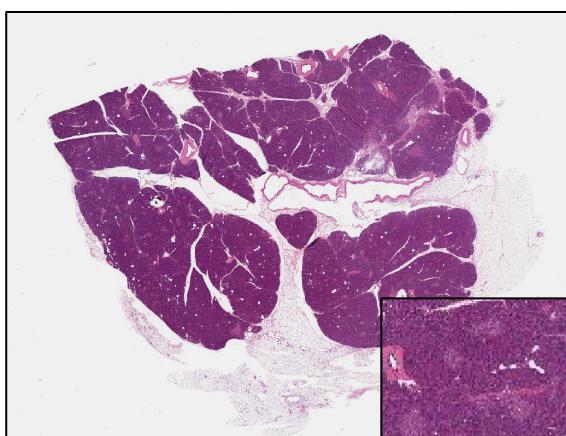
**a** Control, 6232, 14 yrs



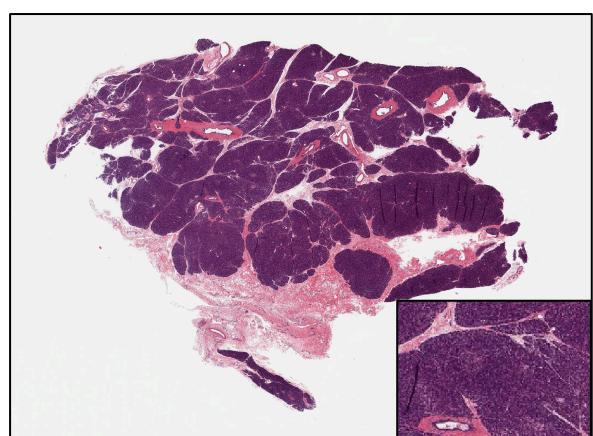
**b** T1D, 6268, 12 yrs, 3 yr duration

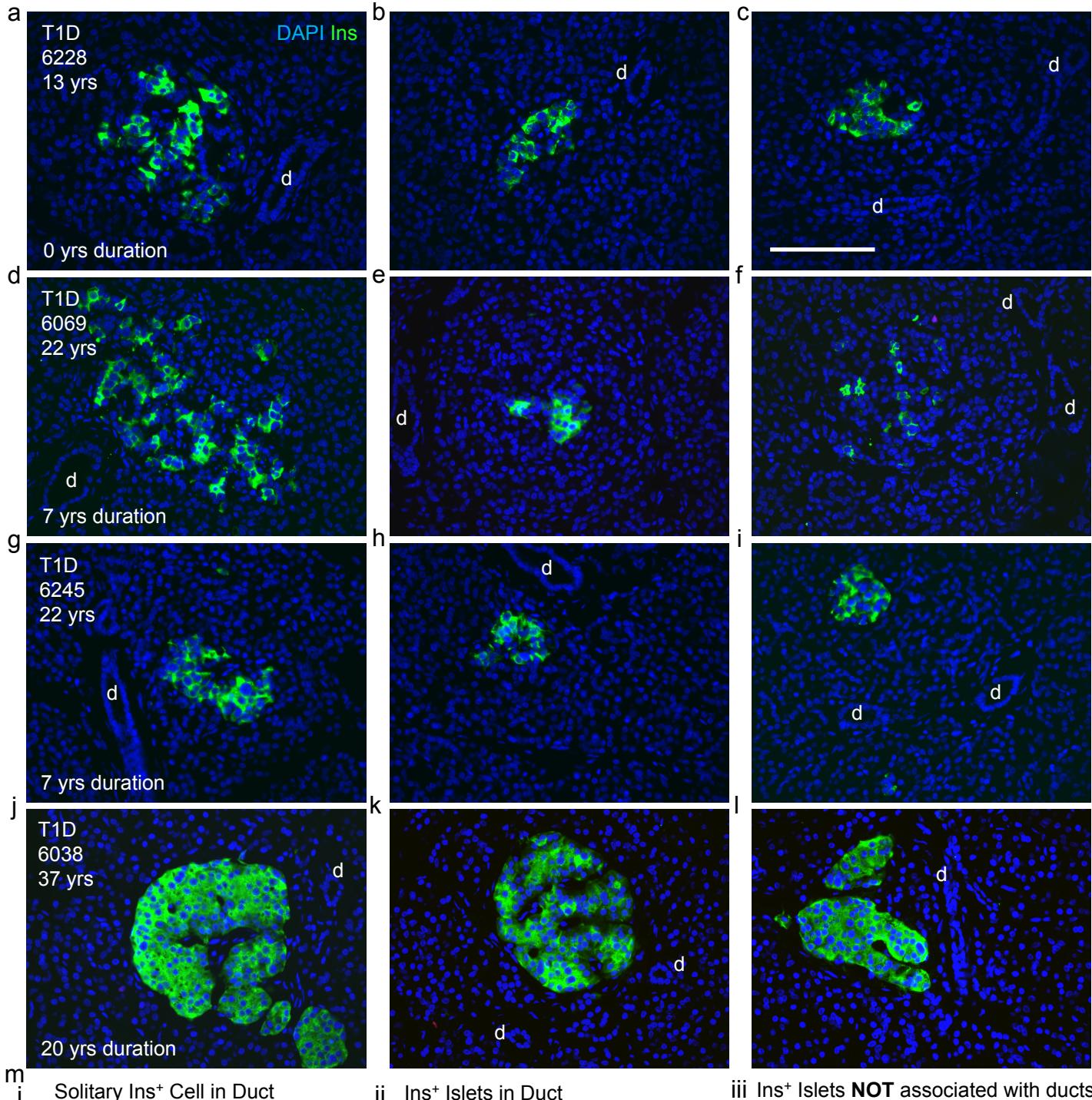


**c** Control, 6002, 39 yrs

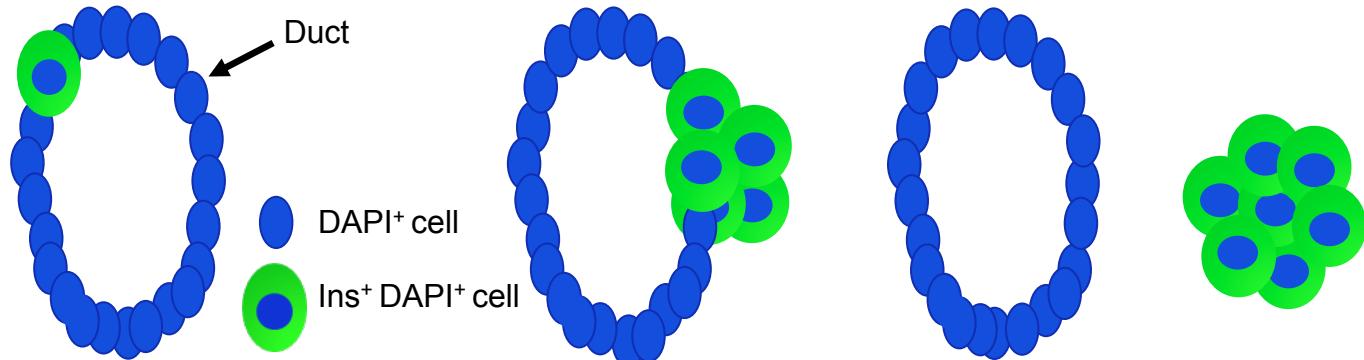


**d** T1D, 6031, 39 yrs, 35 yrs duration





**m** i Solitary Ins<sup>+</sup> Cell in Duct      ii Ins<sup>+</sup> Islets in Duct      iii Ins<sup>+</sup> Islets NOT associated with ducts

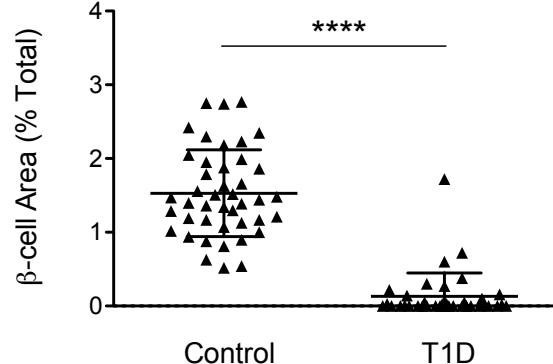


**CONTROL:** 0.20%   **T1D:** 0%

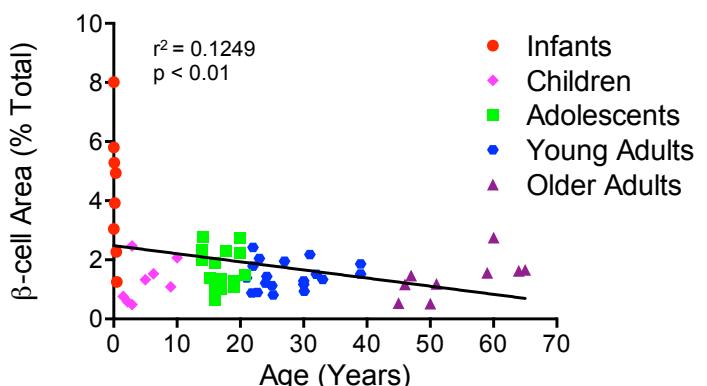
**CONTROL:** 0%   **T1D:** 0%

**CONTROL:** 99.80%   **T1D:** 100%

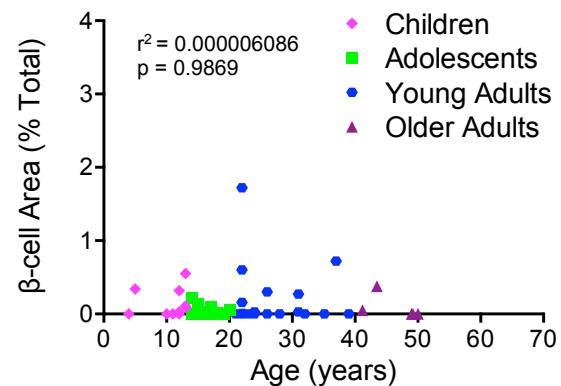
**a**  $\beta$ -cell Area – adolescents, young, & older adults



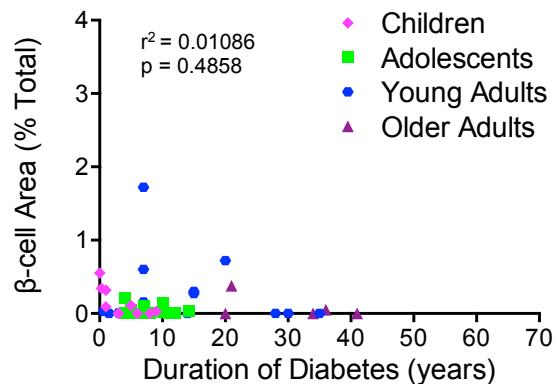
**b** Control  $\beta$ -cell Area v. Age

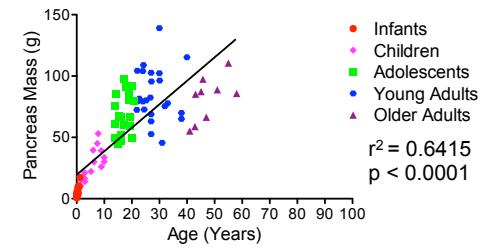
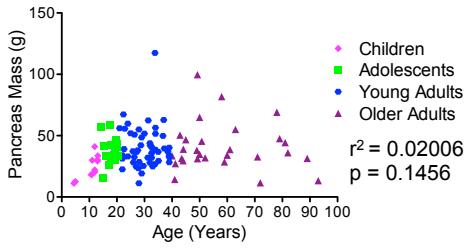
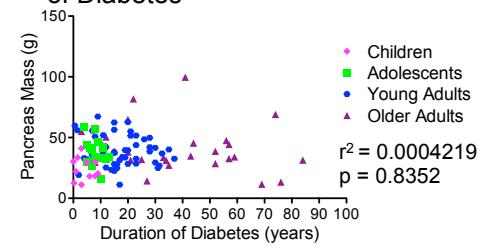
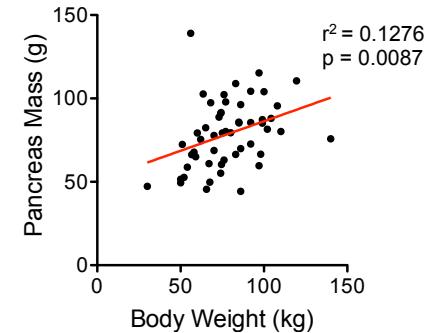
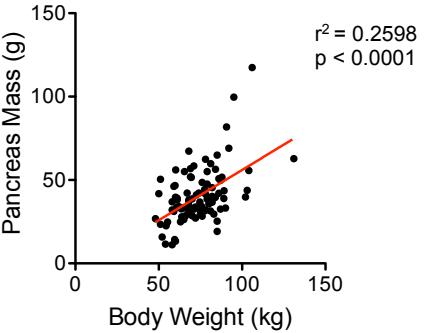
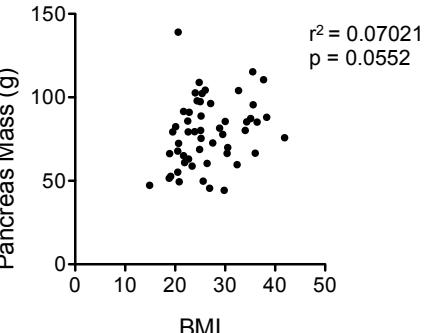
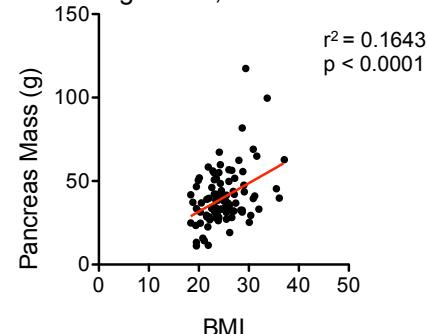
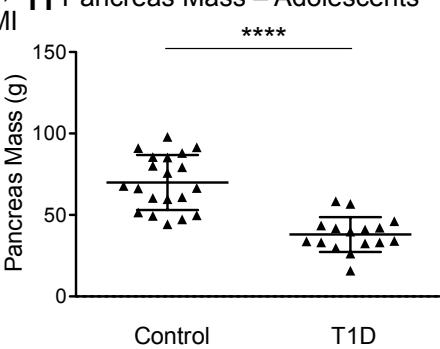
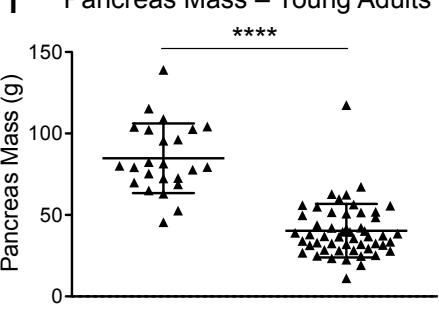
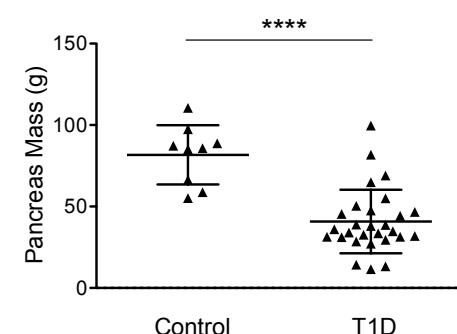
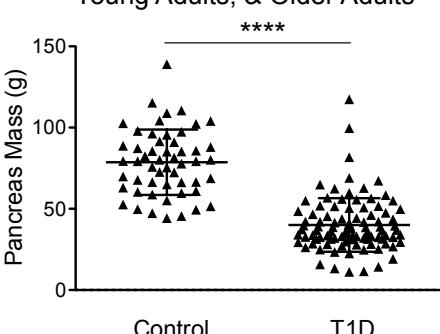


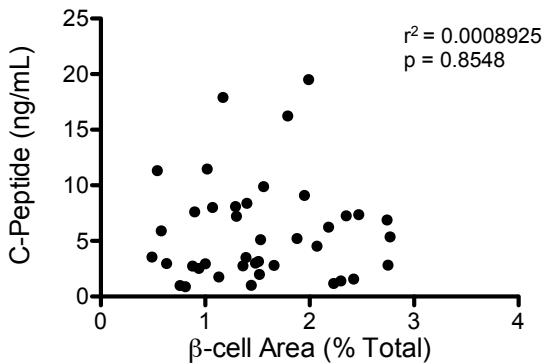
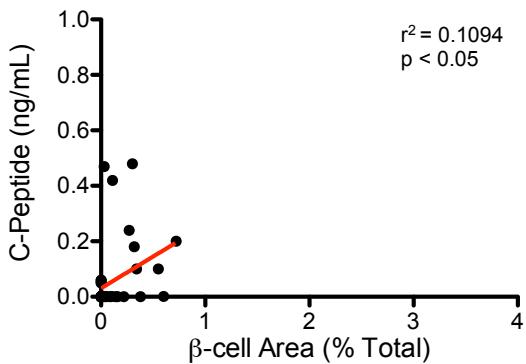
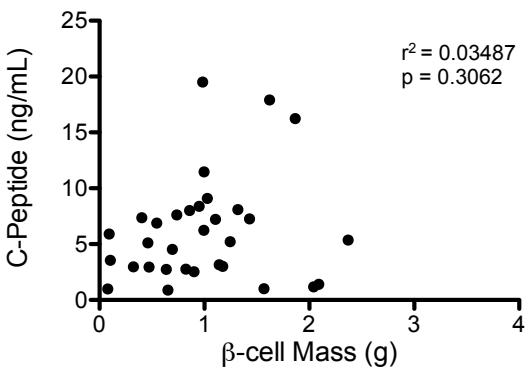
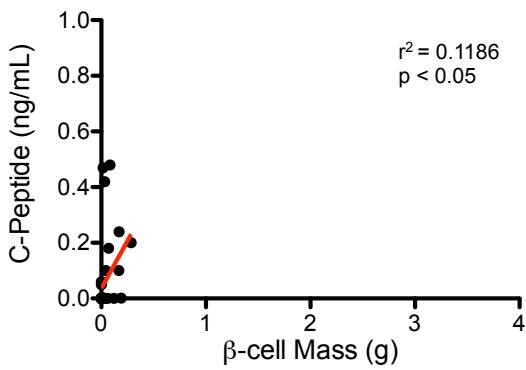
**c** T1D  $\beta$ -cell Area v. Age



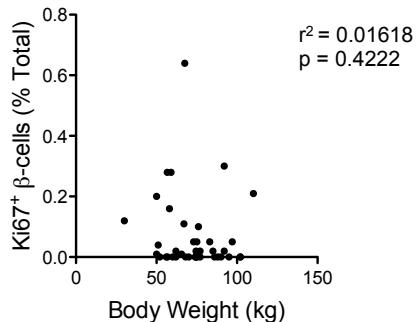
**d** T1D  $\beta$ -cell Area v. Duration of Diabetes



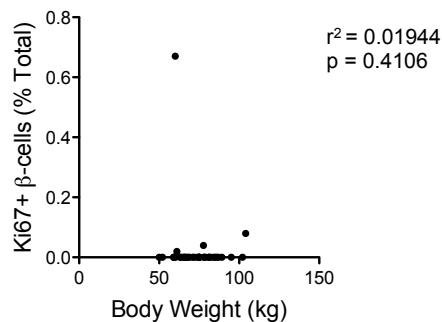
**a** Pancreas Mass in Control v. Age**b** Pancreas Mass in T1D v. Age**c** Pancreas Mass in T1D v. Duration of Diabetes**d** Pancreas Mass in Control Adolescents, Young Adults, & Older Adults vs. Body Weight**e** Pancreas Mass in T1D Adolescents, Young Adults, & Older Adults vs. Body Weight**f** Pancreas Mass in Control Adolescents, Young Adults, & Older Adults vs. BMI**g** Pancreas Mass in T1D Adolescents, Young Adults, & Older Adults vs. BMI**h** Pancreas Mass – Adolescents**i** Pancreas Mass – Young Adults**j** Pancreas Mass – Older Adults**k** Pancreas Mass – Adolescents, Young Adults, & Older Adults

**a** Control C-Peptide v.  $\beta$ -cell Area**b** T1D C-Peptide v.  $\beta$ -cell Area**c** Control C-Peptide v.  $\beta$ -cell Mass**d** T1D C-Peptide v.  $\beta$ -cell Mass

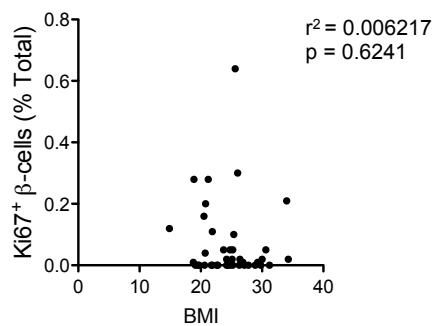
**a** Control β-cell Proliferation vs. Body Weight



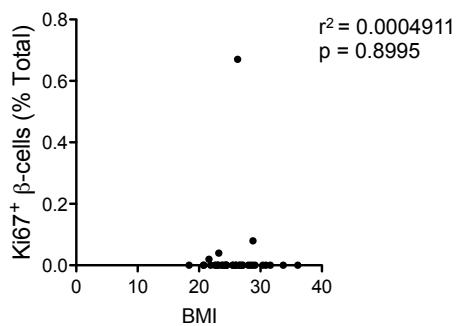
**b** T1D β-cell Proliferation vs. Body Weight

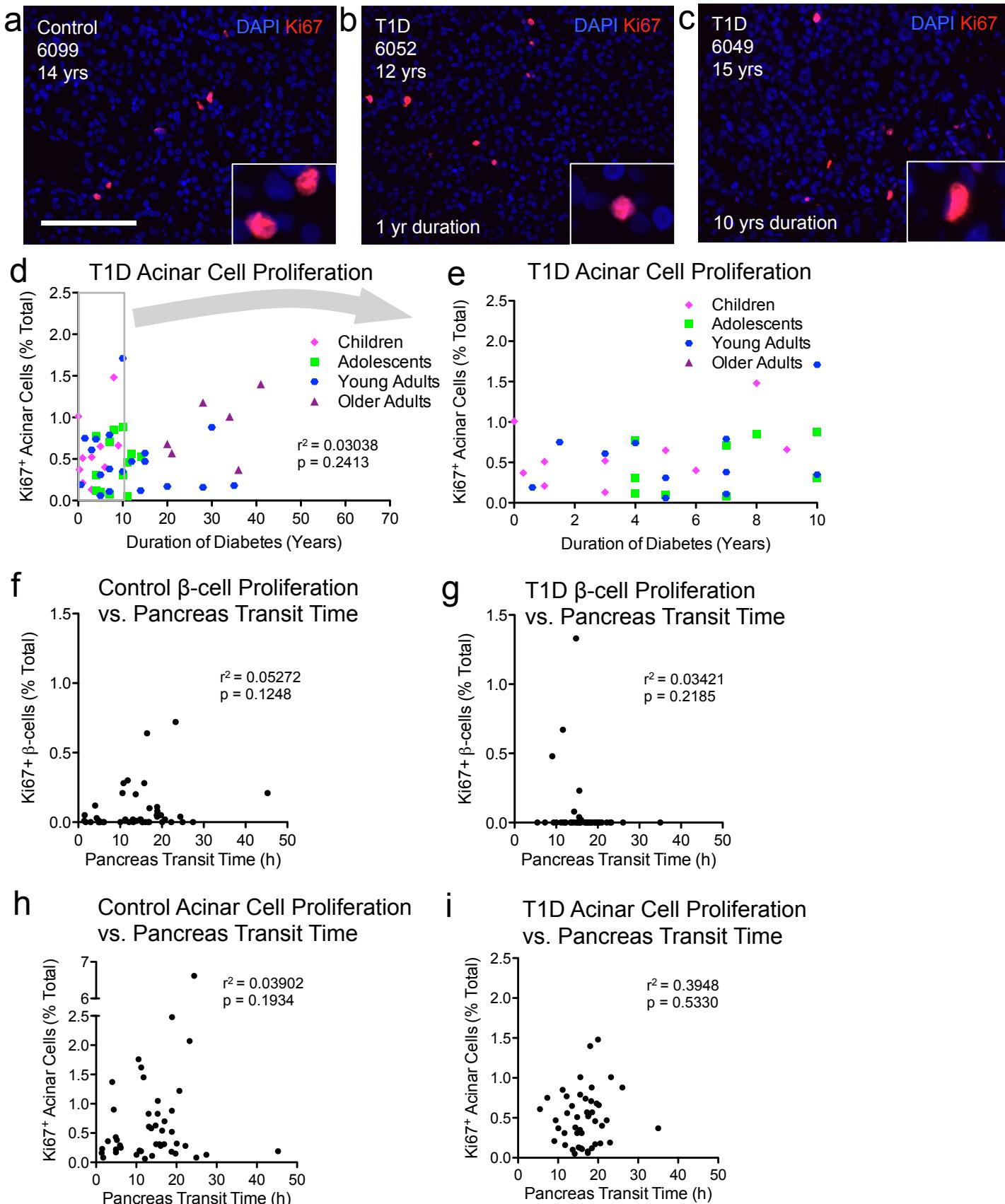


**c** Control β-cell Proliferation vs. BMI



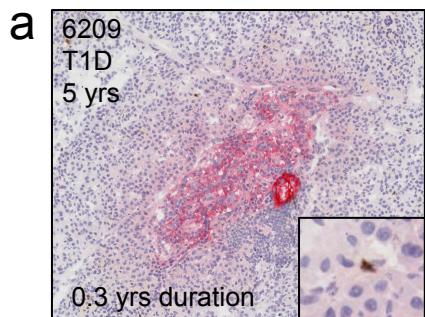
**d** T1D β-cell Proliferation vs. BMI





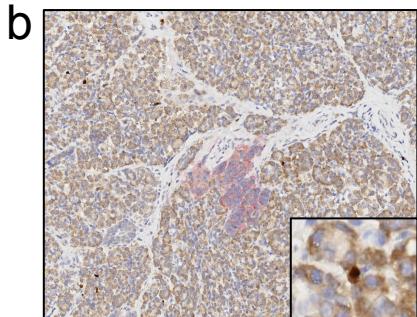
nPOD

Pancreas - OCT



nPOD

Pancreas - Paraffin



nPOD

Spleen - Paraffin

