

Table S5. Proportions of nascent proinsulin monomers and non-monomers precipitated by C-peptide antisera from *Ins2<sup>+/+</sup>* and *Ins2<sup>+/*Akita*</sup>* islets labeled for 45 minutes

Percentage	Proinsulin State	Control	Akita (M)
Mean	Monomers	71.0	22.8
Mean	Non-monomers	29.0	77.2
SD	Monomers	14.5	5.0
SD	Non-monomers	14.5	5.0
P (Monomers of Control vs. Akita)			<0.005
P (Non-monomers of Control vs. Akita)			<0.005

(Shown in Figure 2D)