

Table S7. Completely folded ^{125}I -proinsulin in *Ins2^{+/+}* and *Ins2^{+Akita}* islet protein extracts that was subjected to IP and electrophoresis did not form significant aggregates

Percentage	Gel Condition	Proinsulin State	Control	Akita
Mean	Non-reduced	Monomers	99.5	98.9
Mean	Non-reduced	Non-monomers	0.5	0.1
Mean	Reduced	Monomers	99.8	99.8
Mean	Reduced	Non-monomers	0.2	0.2
SD	Non-reduced	Monomers	2.0	2.3
SD	Non-reduced	Non-monomers	2.0	2.3
SD	Reduced	Monomers	5.3	7.4
SD	Reduced	Non-monomers	5.3	7.4

(Shown in Figure S2)