

Supplemental Table 1: Whole animal data for OVE26 mice

	4 weeks		16 weeks	
	WT	OVE26	WT	OVE26
Plasma Glucose (mM)	6.8±1.1	28.6±3.6 *	7.5±0.8	33.9±4.8 **
Urinary Albumin/Creatinine (mg/g)	24±11	1285±352 **	98±23	1743±244 **

WT: wild type mice,* P<0.05, **P<0.01 vs. age matched WT control

Supplemental Table 2: Whole animal data for STZ mice

	1 week		8 weeks	
	Control	STZ	Control	STZ
Plasma Glucose (mM)	7.2±0.6	21.2±1.4 *	6.9±0.3	31.6±2.4 **
Urinary Albumin/Creatinine (mg/g)	9±4	22±9	252±94	1377±17 **

STZ: streptozotocin-treated mice * P<0.05, **P<0.01 vs age-matched control mice

Supplemental Table 3: Whole animal data for Akita mice

	6 week		7 weeks		8 weeks		12 weeks	
	WT	Akita	WT	Akita	WT	Akita	WT	Akita
Plasma Glucose (mM)	7.2±0.1	28.6±1.6 **	-	-	-	-	-	-
Urinary Albumin/Creatinine (mg/g)	21±4	35±7	34±8	24±5	88±5	241±42	101±42	149±12

****P<0.01 vs age-matched Wild-type, -: Not measured**