

**A.**

	Blood Glucose (mg/dl)		
	Pre-surgery	Week 1	Week 2
<i>C57BLKS/J</i>	269.5 +/- 4.193	174.0 +/- 6.976	215.5 +/- 27.24
<i>C57BLKS/J-m+/+Lepr(db)</i>			
+ GST/III1H,8-10	866.3 +/- 40.61	778.5 +/- 72.30	872.1 +/- 80.76
+ GST/III1H,8,10	890.0 +/- 65.00	752.1 +/- 55.69	774.4 +/- 63.59
+ GST/III1H,8 <sup>RGD</sup>	735.4 +/- 61.57	666.3 +/- 64.04	728.9 +/- 52.25
+ GST	777.1 +/- 36.95	690.9 +/- 76.51	767.4 +/- 58.81

**B.**

	Weight (g)		
	Pre-surgery	Week 1	Week 2
<i>C57BLKS/J</i>	24.8 +/- 0.85	23.5 +/- 0.64	23.8 +/- 0.62
<i>C57BLKS/J-m+/+Lepr(db)</i>			
+ GST/III1H,8-10	43.3 +/- 0.88	42.1 +/- 0.71	42.1 +/- 0.65
+ GST/III1H,8,10	42.1 +/- 1.10	40.9 +/- 0.99	40.4 +/- 0.91
+ GST/III1H,8 <sup>RGD</sup>	42.8 +/- 1.10	41.5 +/- 0.90	41.5 +/- 0.84
+ GST	42.1 +/- 1.12	40.7 +/- 1.03	40.3 +/- 0.94

**Supplemental Table 1. Glucose and weight measurements of wild type and diabetic mice.**

(A) Glucose and (B) weight measurements were obtained from wild type ('C57BLKS/J') and diabetic ('C57BLKS/J-m+/+Lepr(db)') mice three days prior to surgery ('Pre-surgery') and during the first and second week following surgery. Data are presented as a mean value +/- SEM for wild type (n=4) and diabetic mice treated with GST/III1H,8-10 (n=12), GST/III1H,8,10 (n=14), GST/III1H,8<sup>RGD</sup> (n=13) or GST (n=13). There were no significant differences in blood glucose or weight as a result of protein treatment.