

A

Basal and Clamp parameters in chow fed IR<sup>lox/lox</sup> and IR<sup>lox/lox</sup>;NPY<sup>Cre/+</sup> mice.

	IR <sup>lox/lox</sup>	IR <sup>lox/lox</sup> ;NPY <sup>Cre/+</sup>
Blood Glucose (mM)		
Basal	7.8 ± 0.6	8.0 ± 0.4
Clamp	7.8 ± 0.3	8.1 ± 0.3
Plasma Insulin (μU/ml)		
Basal	14.4 ± 3.9	14.5 ± 1.4
Clamp	61.1 ± 6.5 *	67.1 ± 6.4 *
Plasma NEFA (mM)		
Basal	1.12 ± 0.22	1.30 ± 0.16
Clamp	0.24 ± 0.06 *	0.30 ± 0.04 *
GIR (mg/min/kg)	56.8 ± 5.0	44.9 ± 1.7 ‡
Liver Triglyceride (μmol/g)	13.3 ± 3.8	11.8 ± 1.5
Muscle Triglycerides (μmol/g)	7.0 ± 1.0	10.1 ± 0.8 ‡

Values mean ± SEM. IR<sup>lox/lox</sup> n=5; IR<sup>lox/lox</sup>;NPY<sup>Cre/+</sup> n=7. \* p<0.05 different to basal period. ‡ p<0.05 different to IR<sup>lox/lox</sup>.

