

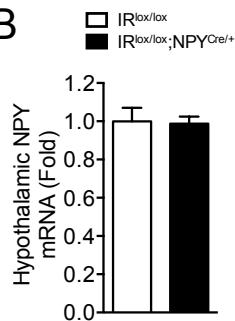
A

Basal and Clamp parameters in chow fed $\text{IR}^{\text{lox}/\text{lox}}$ and $\text{IR}^{\text{lox}/\text{lox}}, \text{NPY}^{\text{Cre}/+}$ mice.

	$\text{IR}^{\text{lox}/\text{lox}}$	$\text{IR}^{\text{lox}/\text{lox}}, \text{NPY}^{\text{Cre}/+}$
Blood Glucose (mM)		
Basal	7.8 ± 0.6	8.0 ± 0.4
Clamp	7.8 ± 0.3	8.1 ± 0.3
Plasma Insulin ($\mu\text{U}/\text{ml}$)		
Basal	14.4 ± 3.9	14.5 ± 1.4
Clamp	$61.1 \pm 6.5 ^*$	$67.1 \pm 6.4 ^*$
Plasma NEFA (mM)		
Basal	1.12 ± 0.22	1.30 ± 0.16
Clamp	$0.24 \pm 0.06 ^*$	$0.30 \pm 0.04 ^*$
GIR (mg/min/kg)	56.8 ± 5.0	$44.9 \pm 1.7 \ddagger$
Liver Triglyceride ($\mu\text{mol}/\text{g}$)	13.3 ± 3.8	11.8 ± 1.5
Muscle Triglycerides ($\mu\text{mol}/\text{g}$)	7.0 ± 1.0	$10.1 \pm 0.8 \ddagger$

Values mean \pm SEM. $\text{IR}^{\text{lox}/\text{lox}}$ n=5; $\text{IR}^{\text{lox}/\text{lox}}, \text{NPY}^{\text{Cre}/+}$ n=7. * p<0.05 different to basal period. ‡ p<0.05 different to $\text{IR}^{\text{lox}/\text{lox}}$.

B



C

