

ANEXO I

Tablas y figuras

Tabla 1. Peso corporal e ingesta de alimento y agua

Grupo	Peso corporal (g)			Alimento consumido (g)	Agua bebida (ml)
	Inicial	Final	Δg		
C	209 $\pm$ 4	216 $\pm$ 2	6.6 $\pm$ 3.9	26 $\pm$ 2	41 $\pm$ 3
CE	212 $\pm$ 6	214 $\pm$ 6	1.5 $\pm$ 2.9	25 $\pm$ 2	46 $\pm$ 3
CS	208 $\pm$ 5	209 $\pm$ 4	0.95 $\pm$ 4	25 $\pm$ 2	44 $\pm$ 3
F	205 $\pm$ 4	233 $\pm$ 4	28.2 $\pm$ 3.6*	21 $\pm$ 2	38 $\pm$ 2
FE	207 $\pm$ 5	221 $\pm$ 8	13.6 $\pm$ 4.1#	19 $\pm$ 1	41 $\pm$ 3
FS	208 $\pm$ 4	222 $\pm$ 4	13.6 $\pm$ 2.8#	20 $\pm$ 1	39 $\pm$ 3

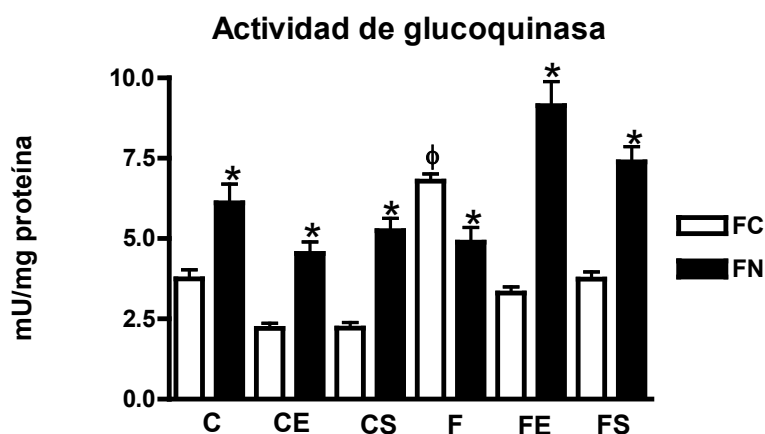
Medias $\pm$ EEM. * vs. C, $p < 0.001$; # vs. F, $p < 0.05$ (n=20)

Tabla 2. Glucemia (mmol/l), trigliceridemia (mmol/l), insulinemia (ng/ml) y niveles de fructosamina (μ Mol/L)

	C	CE	CS	F	FE	FS
Glucemia	4.48 $\pm$ 0.12	4.17 $\pm$ 0.09	4.45 $\pm$ 0.16	4.94 $\pm$ 0.22	4.19 $\pm$ 0.18	4.68 $\pm$ 0.27
Trigliceridemia	0.47 $\pm$ 0.01	0.48 $\pm$ 0.06	0.63 $\pm$ 0.09	1.14 $\pm$ 0.12*	0.72 $\pm$ 0.09#	0.67 $\pm$ 0.05#
Insulinemia	0.33 $\pm$ 0.08	0.25 $\pm$ 0.06	0.31 $\pm$ 0.06	0.98 $\pm$ 0.19*	0.7 $\pm$ 0.17	0.35 $\pm$ 0.09#
Fructosamina	175.1 $\pm$ 8.5	150.6 $\pm$ 6.3	190.7 $\pm$ 10	218.6 $\pm$ 8.2*	154.6 $\pm$ 8.1#	172.5 $\pm$ 6.8#
HOMA-IR	2.00 $\pm$ 0.4	1.18 $\pm$ 0.2	1.39 $\pm$ 0.3	4.97 $\pm$ 1.2*	3.52 $\pm$ 1.0	1.58 $\pm$ 0.4#

Media $\pm$ EEM. * vs. C, $p < 0.05$; # vs. F, $p < 0.05$.

Figura 1. Actividad y distribución subcelular de glucoquinasa hepática



Los valores representan la media $\pm$ ESM (n = 6). * FC vs. FN, $P < 0.001$; Φ F vs. C, $P < 0.001$.

Figura 2. Expresión génica de glucoquinasa y PFK2 hepáticas mediante qPCR

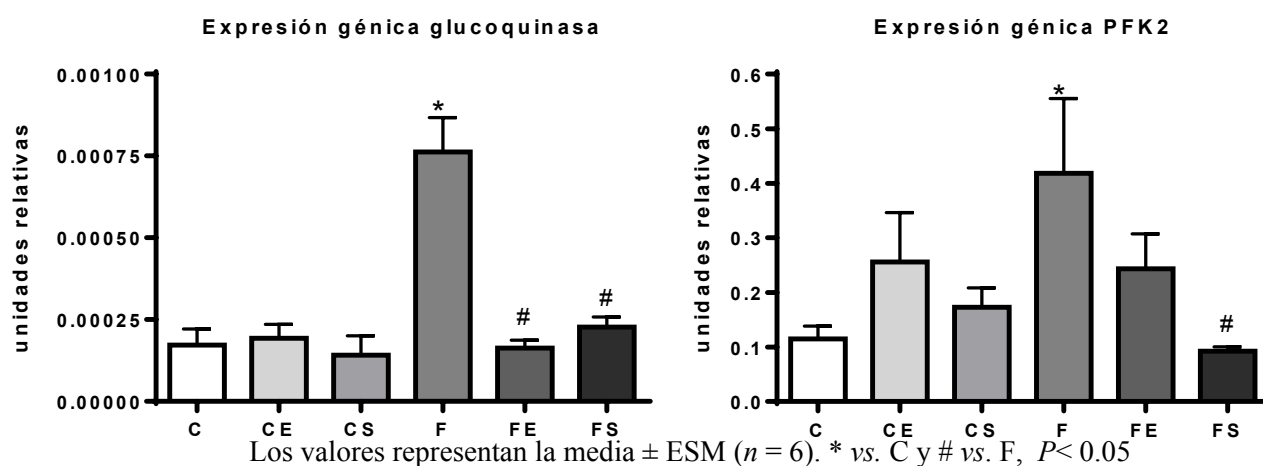


Figura 3. Expresión proteica de glucoquinasa y PFK2 hepáticas mediante Western blot:

