Supporting Information for

Original article

Impact of obese levels on the hepatic expression of nuclear receptors and drug-metabolizing enzymes in adult and offspring mice

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Table S1 Terminal body weight of C57BL/6 mice treated by a LFD or HFD for different durations.

Feeding duration	Male		Female	
	LFD	HFD	LFD	HFD
4 weeks	24.38 ± 0.71 (100%)	24.67 ± 0.79 (101%)	17.94 ± 0.80 (100%)	19.83 ± 1.06 (111%)
8 weeks	27.41 ± 1.28 (100%)	32.73 ± 3.95* (119%)	20.25 ± 0.72 (100%)	23.37 ± 2.71* (115%)
18 weeks	31.44 ±1.06 (100%)	48.48 ± 2.48*** (154%)	27.41 ± 1.28 (100%)	32.73 ± 3.95* (119%)

Results are expressed as mean ± SD.

All data were analyzed by an unpaired Student's *t*-test. $^{*}P < 0.05$, $^{***}P < 0.001$, HFD *versus* the corresponding LFD groups.

HFD, high-fat diet; LFD, low-fat diet; SD, standard deviation.

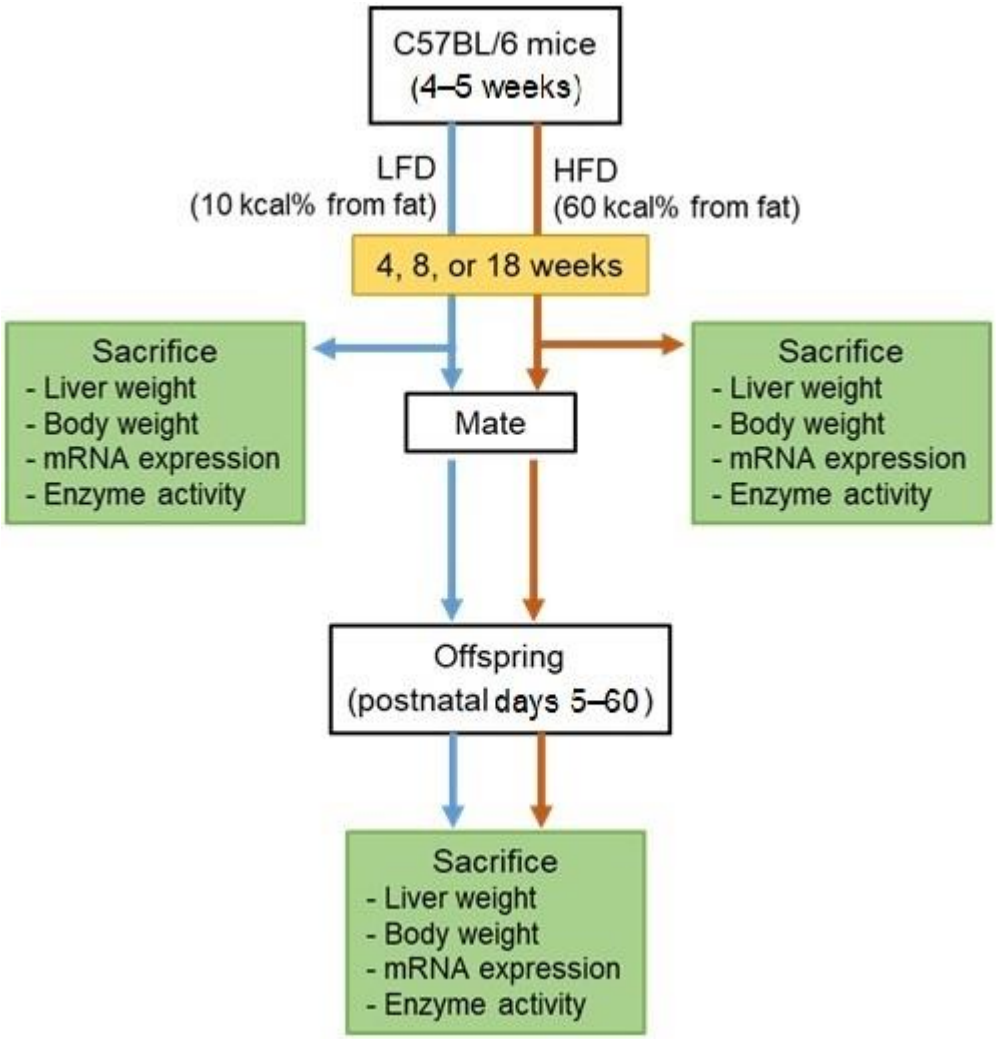

Figure S1 A flow chart for the experimental design of the current study. Male and female C57BL/6 mice (4–5 weeks) were fed with a LFD containing 10 kcal% from fat (left) or a HFD containing 60 kcal% from fat (right) for different durations (4, 8, or 18 weeks) where some of the mice were sacrificed and liver tissues were collected to detect the gene expression levels. The remaining LFD or HFD mice were mated and maintained on the LFD or HFD, respectively. Offspring derived from these mice were sacrificed at different ages (days 5–60 after birth). All the offspring mice were provided with the same diet as their parental mice.