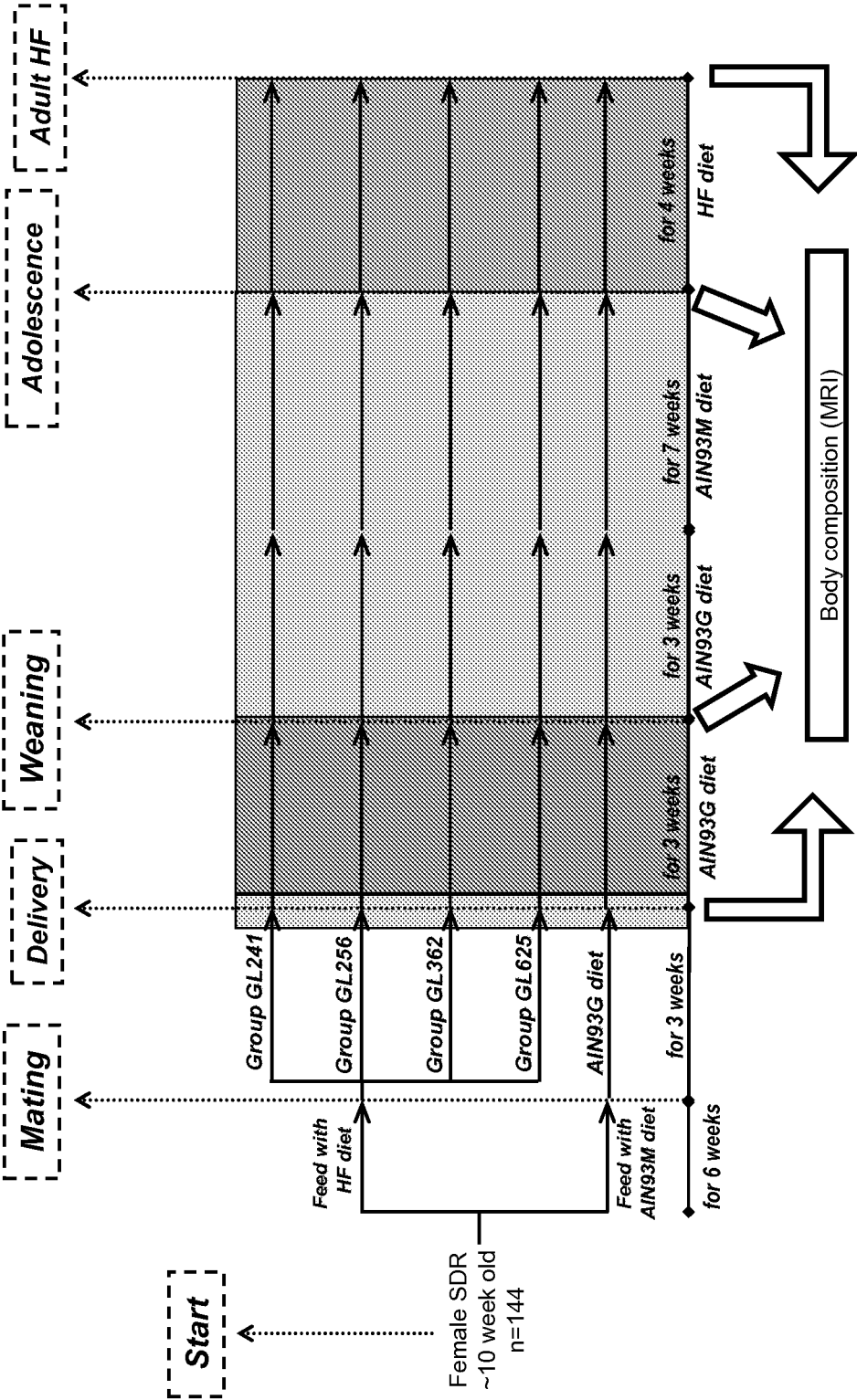


FIGURE 1

Schematic representation of the experimental study.



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FIGURE 2

Birth weight and growth curves. A) Offspring body weight was measured on postnatal day 1. B) body weight gain from postnatal days 1 to 120 of offspring of HF mothers fed with different GL (241, 256, 362 and 625) and of lean dams fed with AIN93 diet

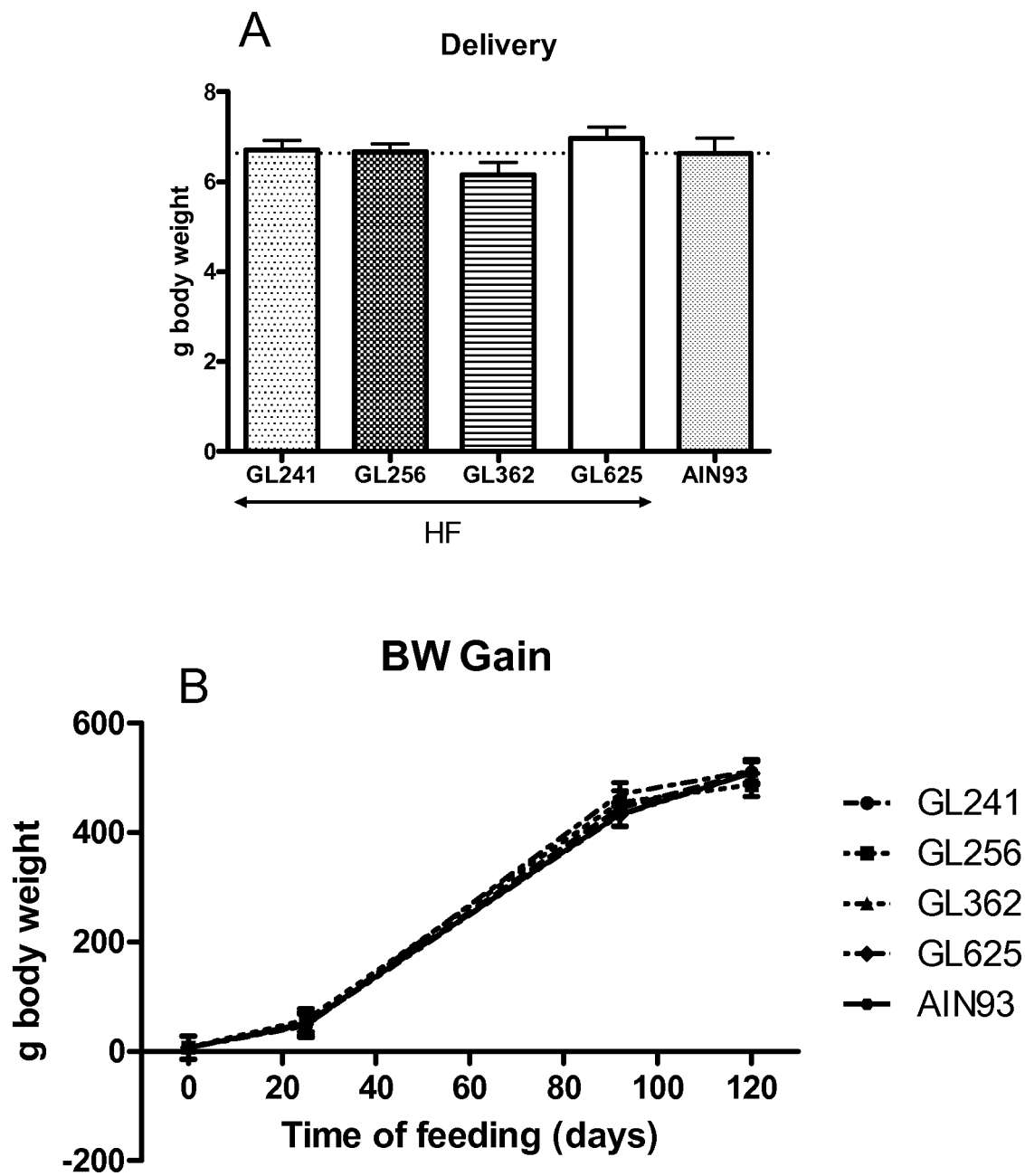
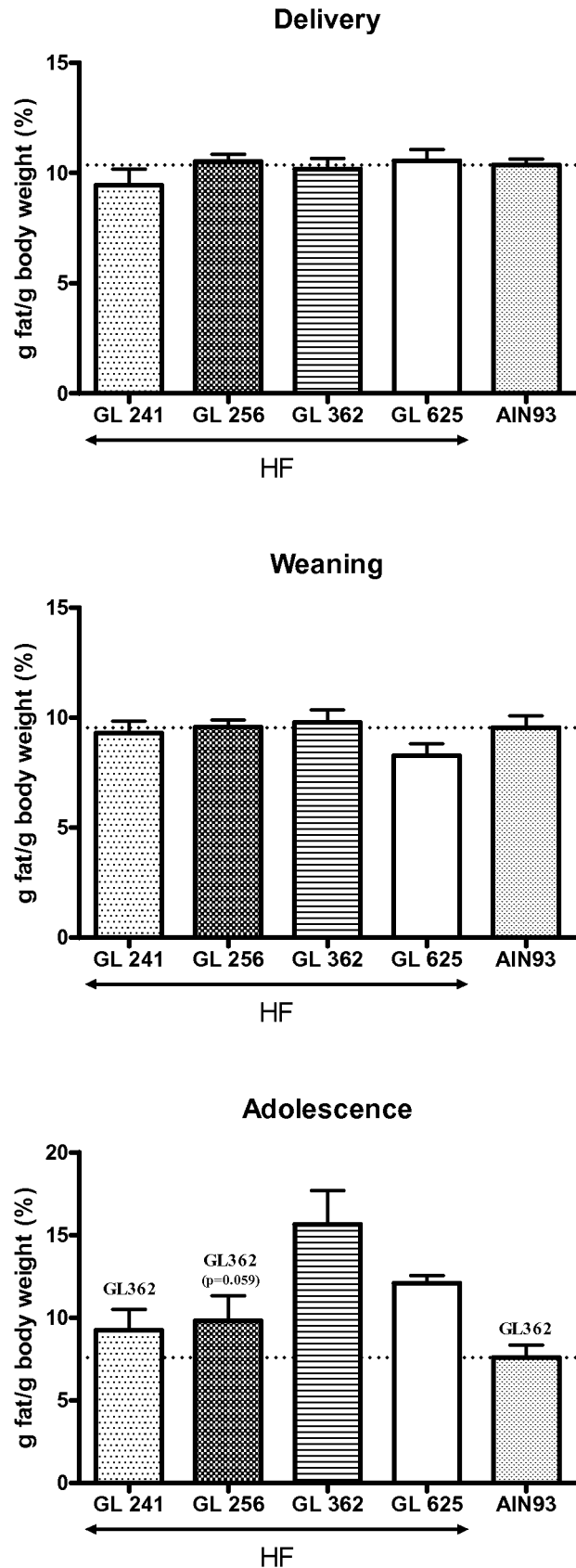


FIGURE 3

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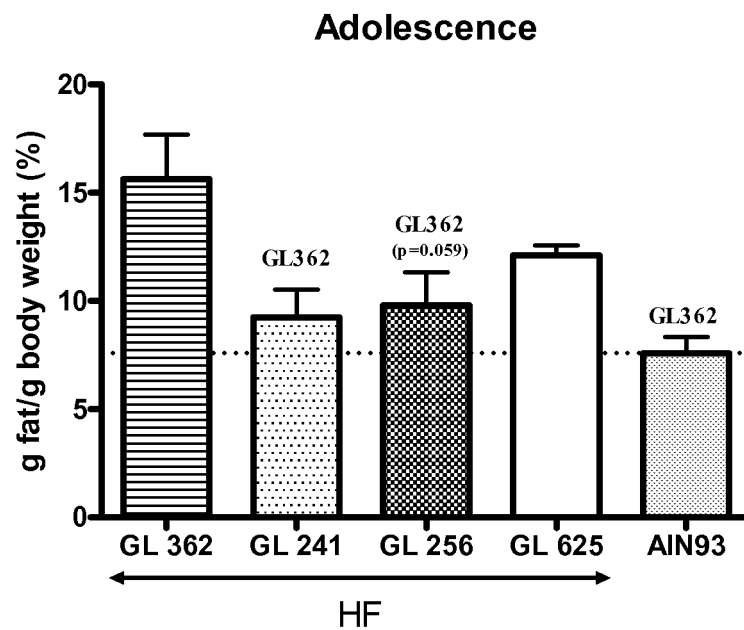
Offspring adipogenesis of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy at 1- (delivery), 21- (weaning) and 90- (adulescence) day-old.



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FIGURE 4

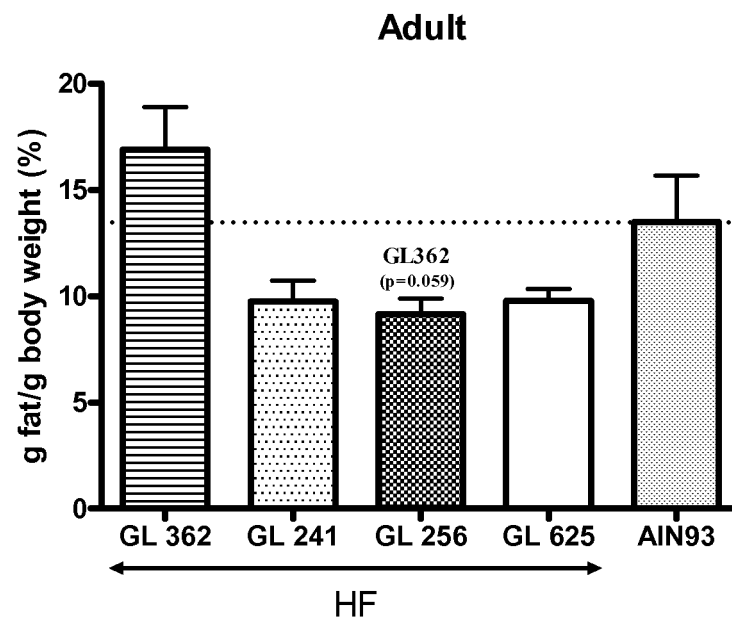
Offspring adipogenesis of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy at 90- day-old (adulescence).



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FIGURE 5

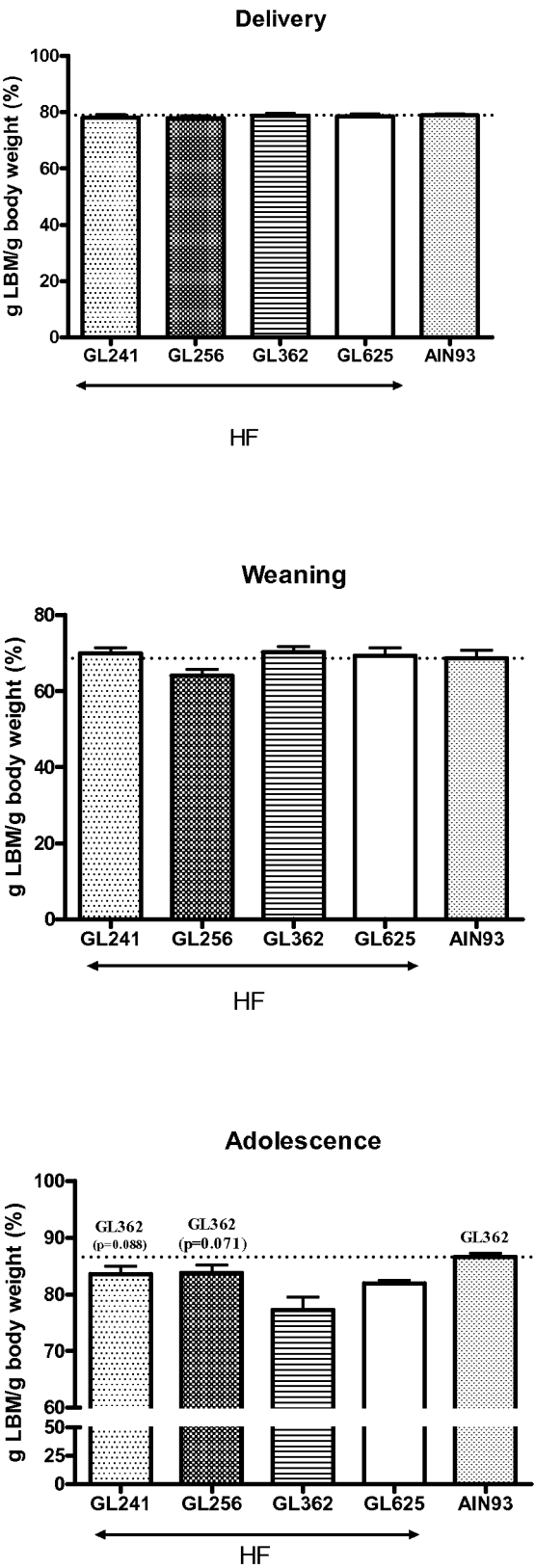
Adult offspring adipogenesis of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy, after feeding an obesogenic diet for 4 weeks.



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FIGURE 6

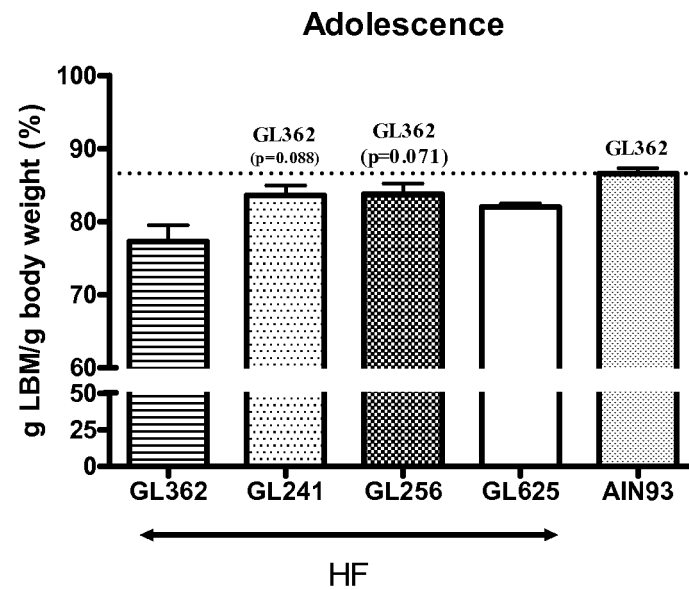
Offspring lean body mass of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy at 1- (delivery), 21- (weaning) and 90- (adulescence) day-old.



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FIGURE 7

Offspring lean body mass of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy at 90- day-old (adulescence).



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FIGURE 8

Adult offspring lean body mass of HF mothers fed with different GL (241, 256, 362 and 625) diet or of lean dams fed with AIN93 diet during pregnancy, after feeding an obesogenic diet for 4 weeks.

