

EFFECT OF DIVERGENT SELECTION FOR INTRAMUSCULAR FAT ON LIPID METABOLISM TRAITS IN RABBITS

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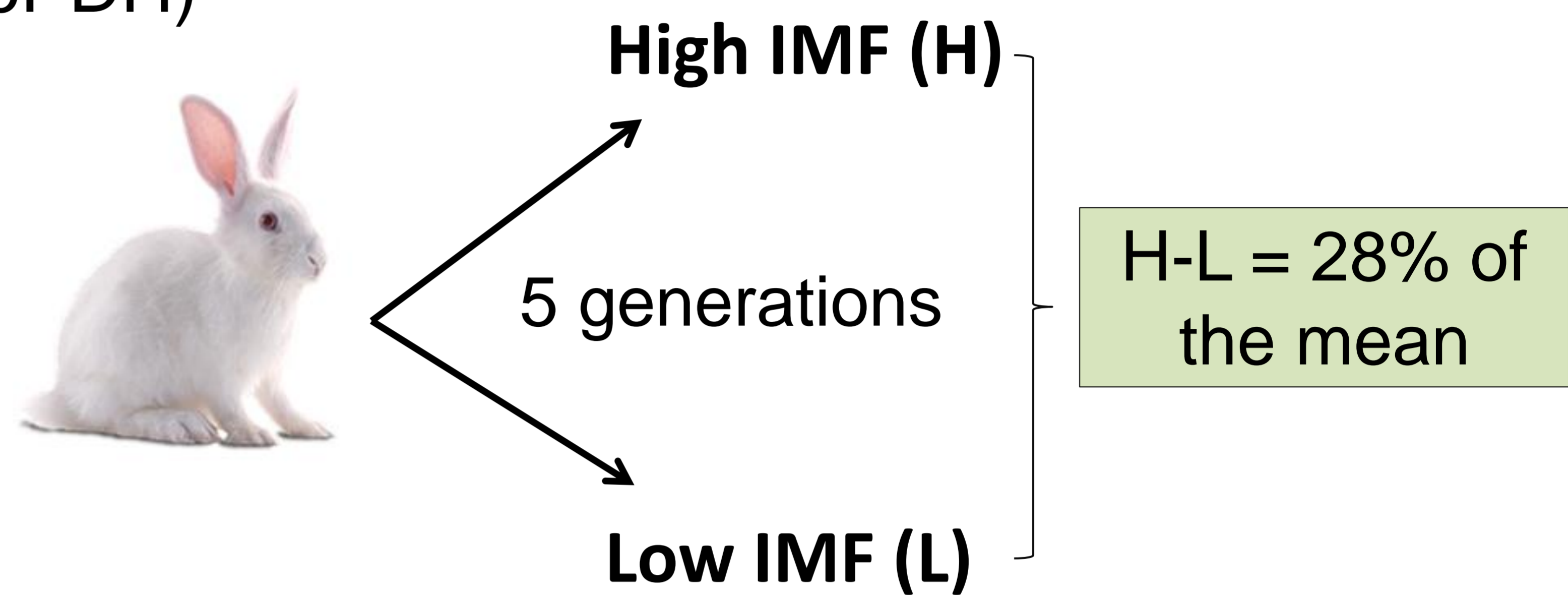
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Objective: Correlated response for activity of lipid metabolism enzymes of two muscles and perirenal fat after selection for intramuscular fat (IMF) in rabbits.

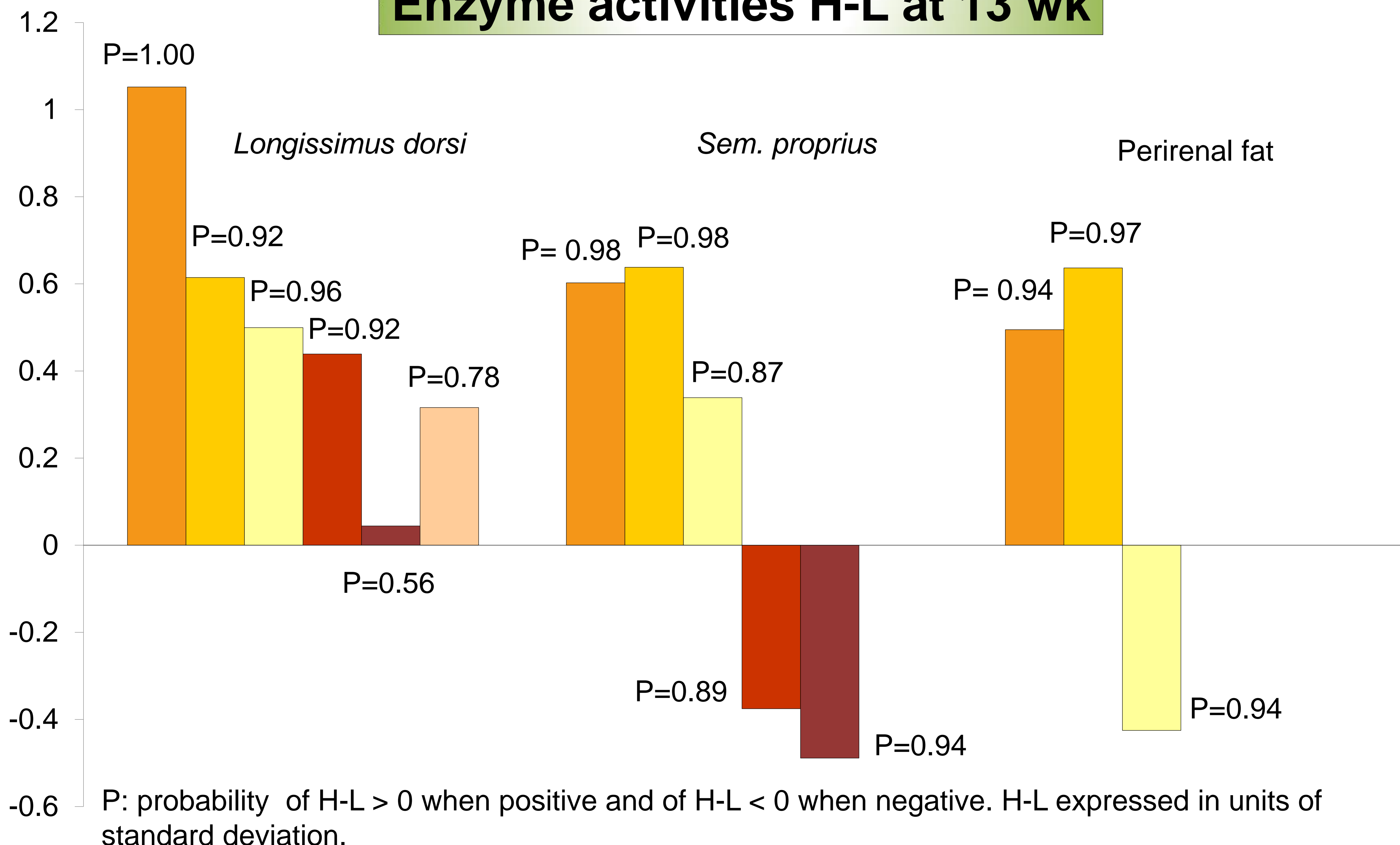
Enzyme activities:

- Glucose-6-phosphate dehydrogenase (G6PDH)
- Fatty acid synthase (FAS)
- Malic enzyme (EM)
- β -hydroxyacyl dehydrogenase (HAD)
- Citrate synthase (CS)
- Neutral lipase (LN)

Selection for IMF in LD at 9 wk



Enzyme activities H-L at 13 wk



Lipogenic and oxidative activities are affected by selection for IMF