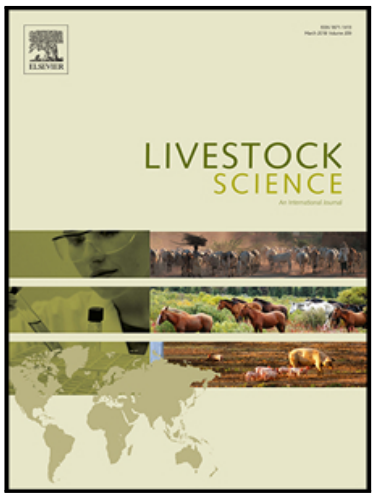

Regulation of pancreas development and enzymatic gene expression by duodenal infusion of leucine and phenylalanine in dairy goats

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Highlights

- Leu and/or Phe infusion can improve the expression and secretion of pancreatic amylase
- Leu and/or Phe infusion increased the intestinal starch digestion in goats
- The regulation of the pancreatic amylase expression mainly occurs at the transcriptional and/or translational level