

# Leptin testing

## What is it?

Leptin is a hormone that regulates feed intake, energy expenditure and whole-body energy balance. A SNP in the Leptin gene has been associated with several economically important traits including milk production, weaning weight, backfat, marbling, quality grade, yield grade, dry matter intake, and days on feed.

## Leptin Variants

There are 3 Leptin variants:

- CC (lean) animals have less fat and therefore, are less economically favourable
- CT animals are economically intermediate
- TT (fat) animals have more fat and therefore, are more economically favourable