

agresearch

Genomics Studies with Cattle & Sheep

Animal Genomics Section

(Ruakura, Dunedin and Invermay)



AgResearch
30 October 2006



Foundation for Research Science & Technology

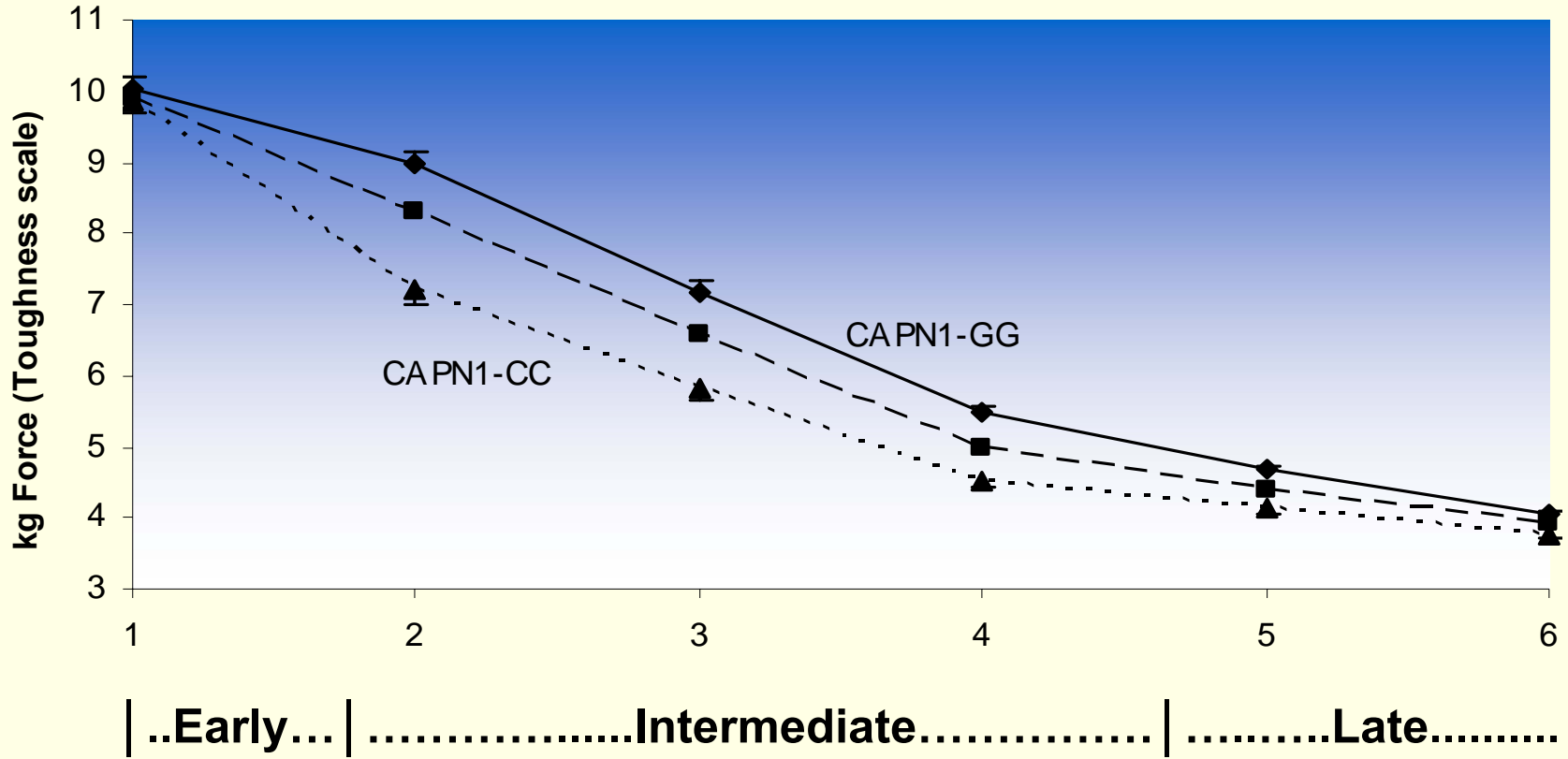


Ovita®

GenomNZ™
DNA Testing Laboratory



Effect of the 'capn1' gene on tenderness (kg force) across successive stages of aging



[Vertical scale....Warner-Bratzler units, where the threshold for consumers' acceptance on tenderness is below approx 5.3 units]

Ovita-funded research on sheep meat

- Two commercialised tests, Myomax and Loinmax, for yield, which are valuable in yield-based payment systems
- Meat quality and shelf life
 - pH
 - Colour
 - Tenderness