

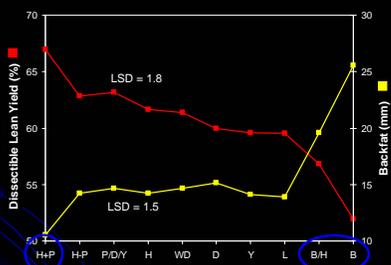
Comparison of Different Lines for Pork Quality

Austin Murray
Lacombe Research Centre

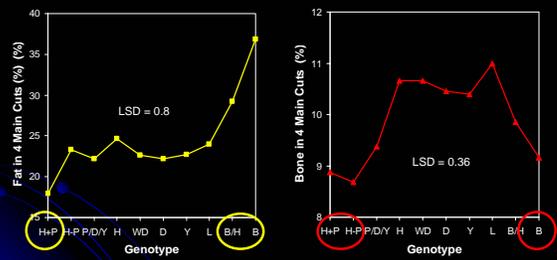
Objective - Understanding the Reasons for Variation in Pork Quality

- 10 PIC Genotypes (Based on Landrace, Yorkshire, Hampshire, Duroc, Berkshire, Pietrain & Crosses)
- Several hundred variables were measured

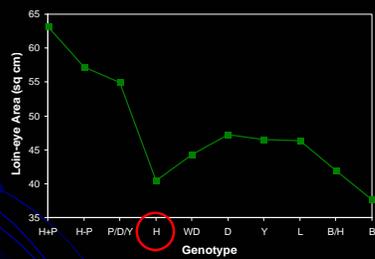
Lean Yield and Backfat



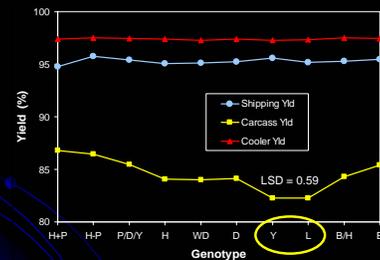
Fat & Bone in the 4 Main Cuts

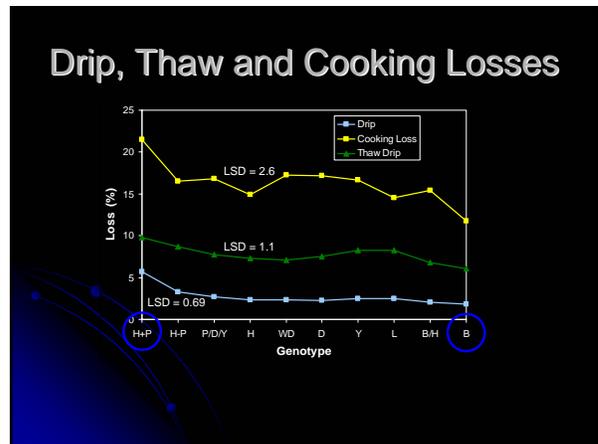
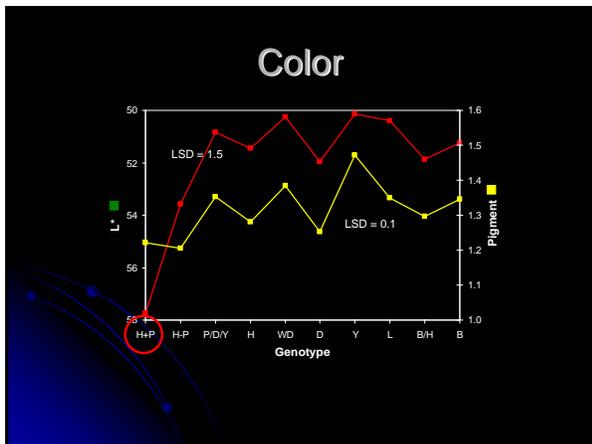
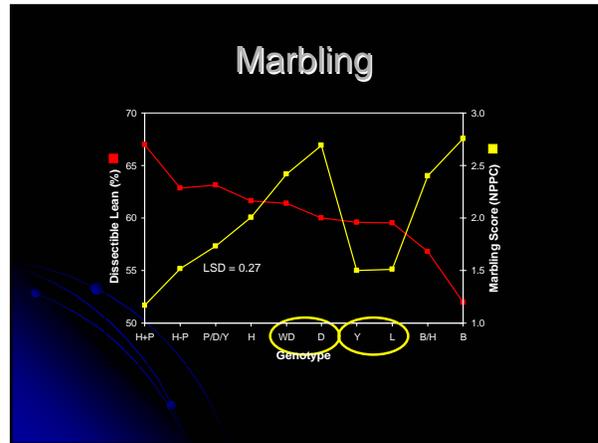
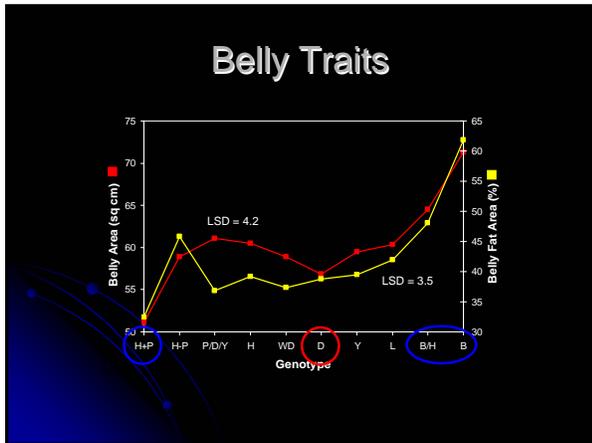
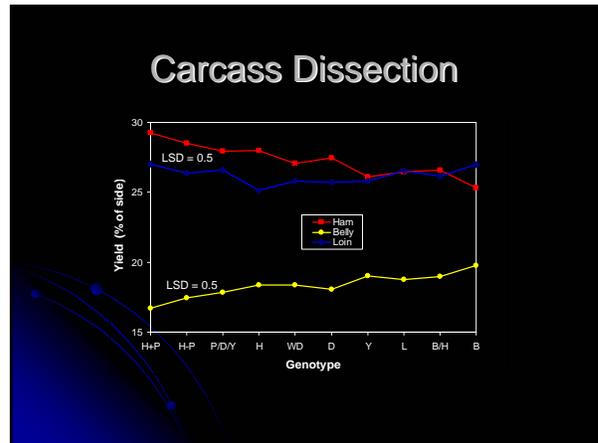
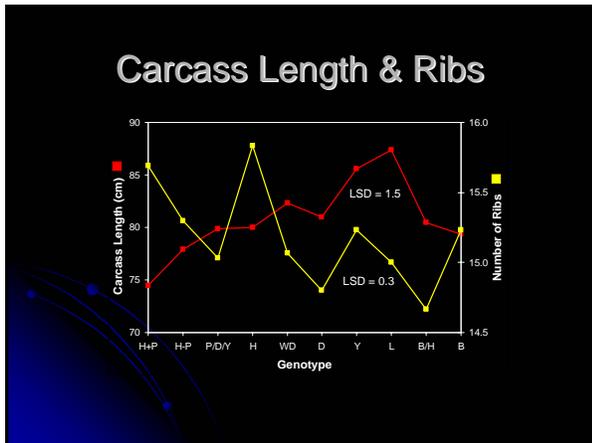


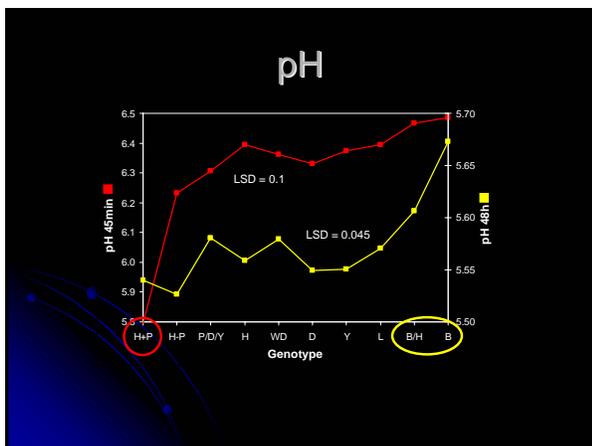
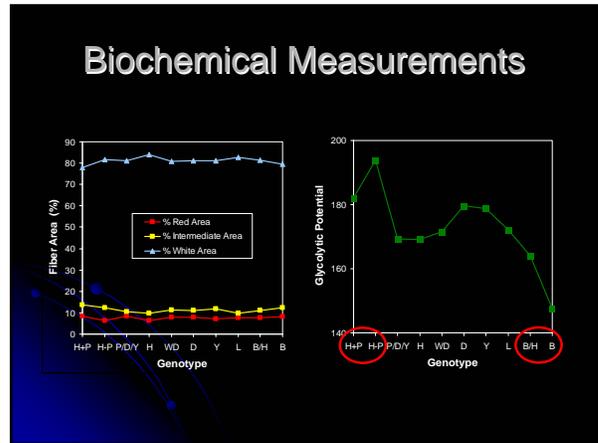
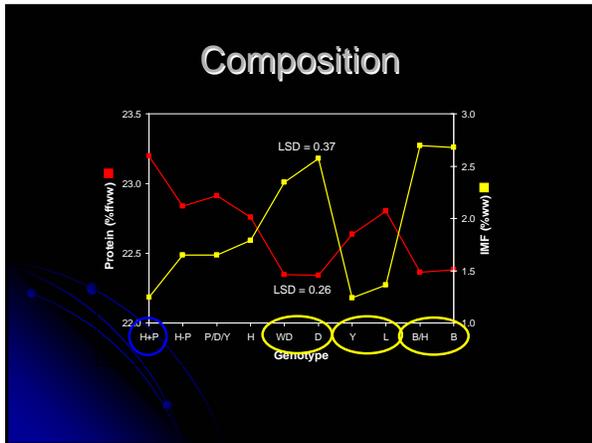
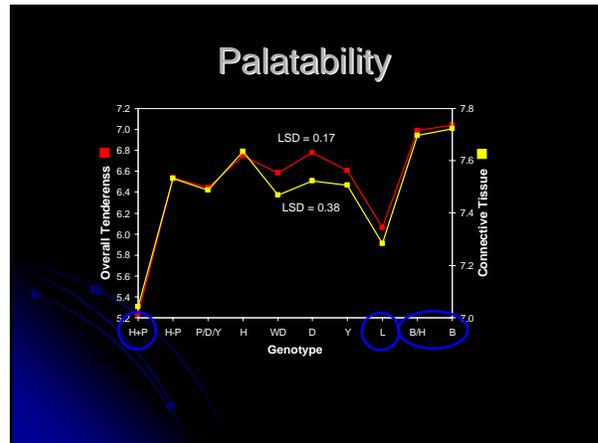
Loin-eye Area



Live, Carcass and Cooler Yields







Conclusions

- Genotype can be a major source of variation in carcass and muscle quality.
- Different genotypes can provide a wide range of variation that can enhance the study and understanding of relationships between carcass and quality traits.

Participants

- A. Murray, W. Robertson, J. Aalhus, L. Jeremiah, A. Tong, A. Fortin
 - S. Pommier, A. Sosnicki, E. Wilson
-
- D. Brereton, C. Pimm, D. Schatschneider, D. Langevin, C. Meston
 - M. Johns, S. Landry, D. Froehlich, L. Gibson, G. Croken, S. Zawadski, I. Larson, R. Thacker, F. Costello, J. Powell

The contribution of PIC is gratefully acknowledged.