

PorcineSNP60 Genotyping Bead Chip
58,994 SNPs

SNP quality, MAF,
Position [28]

Linkage QTL analyses in BF
and IMF (8,417 SNPs)

- 1) Single
- 2) Multitrait

GWAS analyses in BF and
IMF (14,503 SNPs)

- 1) Single
- 2) Multitrait

Details in Figure 2

Pleiotropic QTLs

Targeted eQTLs on
Longissimus dorsi

Targeted eGWAS on
Longissimus dorsi

Correlation between gene expression
measures in *Longissimus* and BF

Candidate regions and genes
responsible of the pleiotropic
effects on fatty acid
composition in BF and IMF