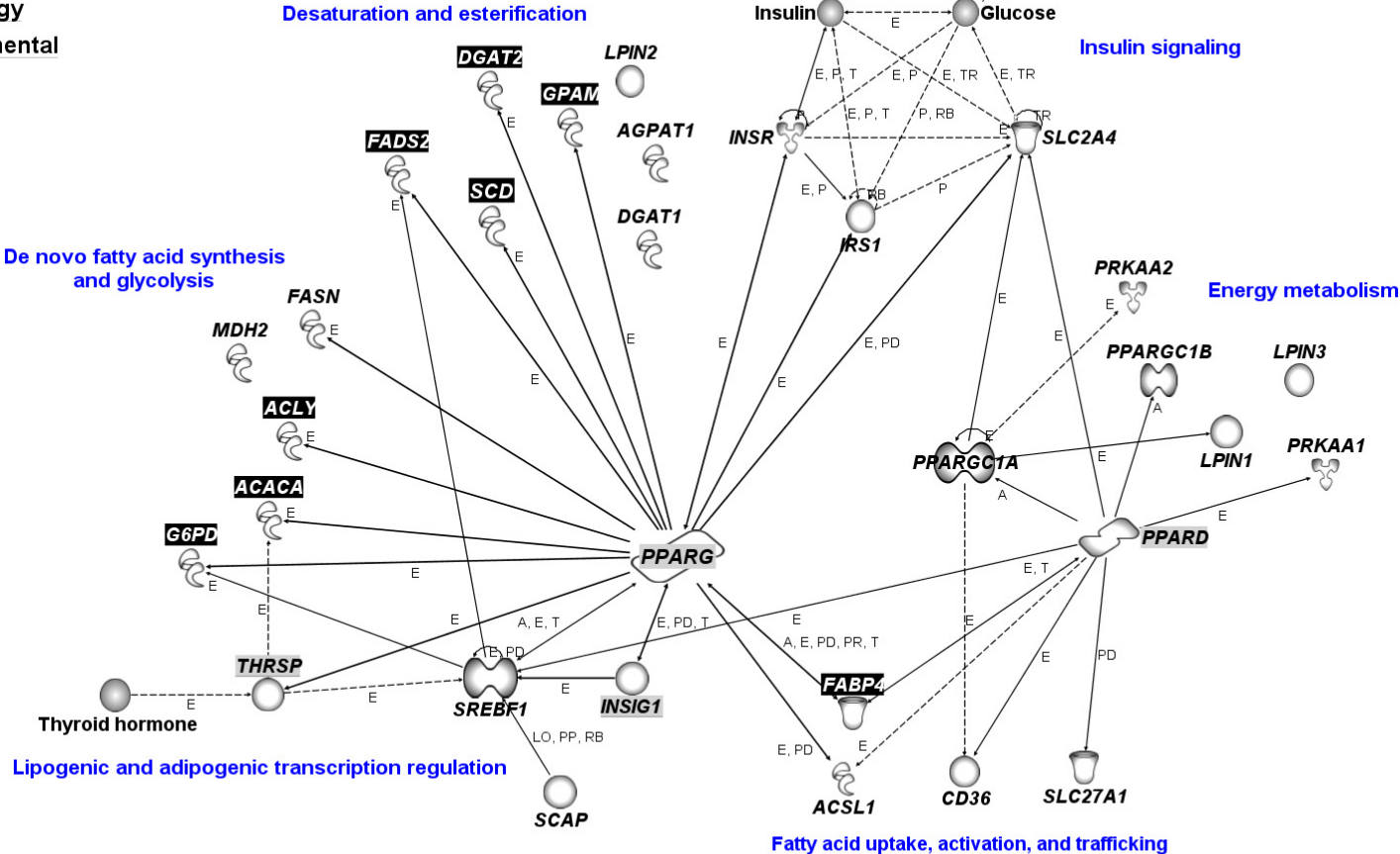


Response trend at 56 days on experiment

High-energy/Low-energy

Angus Angus x Simmental

IRS1	▲▲	--
G6PD	--	▲
ACLY	▼	▲
ACACA	--	▲▲
FASN	▼▼	▲▲▲
INSIG1	▼▼	▲▲
THRSP	▲▲▲	▲▲▲
ACSL1	▲	▲
FABP4	▼▼	▲▲▲
PPARD	▼	--
PPARGC1B	▲	--
GPAM	--	▼
LPIN2	--	▲
DGAT2	▼▼▼	▲▲
SCD	--	▲▲
FADS2	--	▲
PPARG	--	--
SREBF1	--	--
SCAP	--	--
Insulin	▲▲	▲
Glucose	--	--
BHBA	--	--
NEFA	▼	--



Legend

- Enzyme
- Ligand-dependent Nuclear Receptor
- Transcription Regulator
- Unknown
- Down-regulation
- Indirect relationship
- Kinase
- Group/Complex/Other
- Transporter
- Up-regulation
- Direct relationship