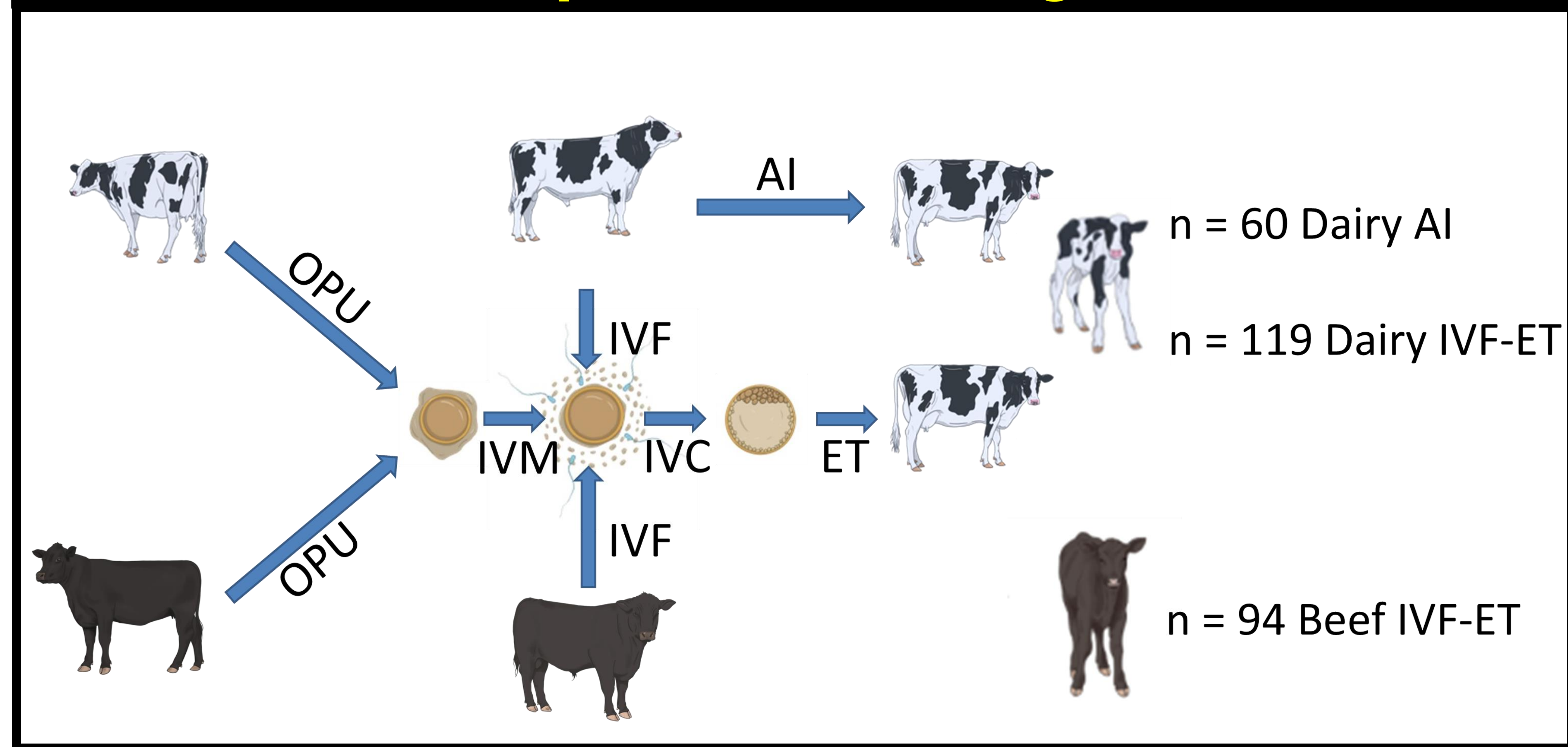


Introduction

- Genetic gain for dairy breeds
- Genetic gain for dairy-beef breeds
- IVF-ET effects on gestation length (GL), calf birthweight (BW), and calving difficulty (CD)

Experiment Design



IVF = in-vitro fertilisation; ET = embryo transfer

Results

Treatment	GL (days)	BW (kg)	% Unassisted
Dairy AI	276.7	34.5	77.0
Dairy Fresh ET	280.2	36.3	75.4
Dairy Frozen ET	279.9	36.2	64.0
Beef Fresh ET	281.8	46.9	34.6
Beef Frozen ET	281.0	44.1	59.5

Take home messages

- IVF-ET treatment - small effect on GL, BW and CD
- Select short GL, low CD beef sires and donors for IVF-ET
- IVF-ET a new tool for AI sire generation