72 Beef Heifers

PGF2α Injection → 
Artificial Insemination → 
Natural Breeding → 
Delivery

Day 0

Day 1-Day 12

Day 20-Day 69

Day 63 (Ultrasound 1)

Day 129 (Ultrasound 2)

Day 209

Pre-breeding

1st Trimester

2nd Trimester

3rd Trimester

- Vaginal Swabs (N=72)
- Fecal Samples (N=32)

(Pregnant individuals only)

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