8 week high-fat fed (HFF) (Day 0)
Echocardiography (Day 0, Day 7, Day 28)
Day 0: Surgery #1 (Thoracotomy, LAD ligation, MSC injection)
Day 28: Surgery #2 (Jugular vein and carotid artery catheterization)
Body composition (Day 28)

2-[14C]DG
Insulin infusion (4mU/ kg/ min)
Variable glucose infusion
Euglycemia (~7.0 mM)
Insulin Clamp (Day 36)
Mitochondrial respiration
Enzyme activity
Western blot
Glucose uptake

Cardiac Remodelling
Insulin Clamp (Day 36)
Tissue Analysis

HFF
SHAM
MI+PBS
MI+MSC
0d 7d 14d 21d 28d 35d
Blood
Insulin
Glucose
Vein
Artery
2-[14C]DG
Sampling

Sampling

- 8 week high-fat fed (HFF) (Day 0)
- Echocardiography (Day 0, Day 7, Day 28)
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- Body composition (Day 28)