IGF-1 Receptor Signaling Modulates Physiological Cardiac Hypertrophy

EXERCISE

Wildtype Mice

- GSK3β
- mTOR/S6K
- Pro-Hypertrophic Signaling
- Inhibition of Protein Synthesis
- p-eEF2
- p-AMPK

Cardiomyocyte IGF1R KO Mice

- p-Akt
- p-FOXO3
- FOXO3
- p-FOXO3
- PGC-1α
- p-MEK, p-ERK1/2

ENERGETIC STRESS

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