



# Mouse Model of Reversible Central Melanocortin Deficiency and Obesity

TECHNOLOGY NUMBER: 5635



## INNOVATION

This technology is a reversible knockout-mouse model of early onset obesity. These mice are unable to express the proopiomelanocortin gene (*Pomc*) in hypothalamic neurons (*arcPomcKO*) but maintain normal pituitary *Pomc* expression. *ArcPomcKO* mice are hyperphagic and extremely obese due to central anorexigenic melanocortin deficiency.

## Technology ID

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## Category

Research Tools and Reagents

## Inventor

Marcelo Rubinstein

Viviana Bumanschy

Flavio DeSouza

Malcolm Low

## Further information

Emily Bowers

[bowersea@umich.edu](mailto:bowersea@umich.edu)

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