



# 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

5635

## Category

Research Tools and Reagents  
Life Sciences

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