



# Mice Genetically Engineered to Lack the Alpha and Delta Isoforms of SH2B1

TECHNOLOGY NUMBER: 2021-493



## INNOVATION

The Sh2b1DEL $\alpha/\delta$  knock-out allele lack the brain-specific alpha and delta Sh2b1 isoforms, but retain the widely expressed beta and gamma isoforms. Sh2b1DEL $\alpha/\delta$  mice exhibit decreased food intake, protection from weight gain on standard and high-fat diets, and improved glucose homeostasis. These mice may be useful in the study of obesity and metabolism.

## ADDITIONAL DETAILS

Jackson <https://www.jax.org/strain/036415>

## Technology ID

2021-493

## Category

Research Tools and Reagents

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