

# Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

**C57BL/6N-A<sup>tm1Brd</sup> Gpat2<sup>tm2a(KOMP)</sup>Wtsi/Mmucd**

RRID:MMRRC\_065392-UCD

Type: Organism

## Proper Citation

RRID:MMRRC\_065392-UCD

## Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=65392](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=65392)

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**Description:** Mus musculus with name C57BL/6N-A<sup>tm1Brd</sup> Gpat2<sup>tm2a(KOMP)</sup>Wtsi/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

**Phenotype:** increased brown adipose tissue amount [MP:0000005] diluted coat color [MP:0000371] irregular coat pigmentation [MP:0000372] mottled coat [MP:0000421] increased body length [MP:0001257] obese [MP:0001261] abnormal eye pigmentation [MP:0001324] hyperactivity [MP:0001399] hypoactivity [MP:0001402] polyphagia [MP:0001433] abnormal coat appearance [MP:0001510] abnormal coat/hair pigmentation [MP:0002075] abnormal skin pigmentation [MP:0002095] increased liver weight [MP:0002981] yellow coat color [MP:0003136] decreased eye pigmentation [MP:0005172] abnormal tail pigmentation [MP:0005174] darkened coat color [MP:0005409] increased susceptibility to weight gain [MP:0005455] increased percent body fat/body weight [MP:0005458] increased circulating leptin level [MP:0005669] abnormal hair follicle pheomelanosome pheomelanin content [MP:0006370] abnormal ventral coat pigmentation [MP:0008237] abnormal dorsoventral coat patterning [MP:0008238] increased gonadal fat pad weight [MP:0009285] increased inguinal fat pad weight [MP:0009292] increased retroperitoneal fat pad weight [MP:0009304] decreased tail pigmentation [MP:0011277] decreased ear pigmentation [MP:0011279] variegated eye pigmentation pattern [MP:0011551] increased food intake [MP:0011939]

**Affected Gene:** |Gpat2|

**Catalog Number:** 065392-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_65392-UCD, MMRRC\_065392, MMRRC\_65392

**Organism Name:** C57BL/6N-A<sup>tm1Brd</sup> *Gpat2*<sup>tm2a(KOMP)</sup>Wtsi/Mmucd

**Record Creation Time:** 20230308T055500+0000

**Record Last Update:** 20260801T125342+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A<sup>tm1Brd</sup> *Gpat2*<sup>tm2a(KOMP)</sup>Wtsi/Mmucd.

No alerts have been found for C57BL/6N-A<sup>tm1Brd</sup> *Gpat2*<sup>tm2a(KOMP)</sup>Wtsi/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.