

# Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

## B6.129X1-Gpd2<sup>tm1Lbr</sup>/Mmucd

RRID:MMRRC\_009980-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_009980-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=9980](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=9980)

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**Description:** Mus musculus with name B6.129X1-Gpd2<sup>tm1Lbr</sup>/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Diabetes, Metabolism, Reproduction; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** decreased body weight [MP:0001262]| decreased body size [MP:0001265]| cataract [MP:0001304]| decreased white adipose tissue amount [MP:0001783]| reduced fertility [MP:0001921]| decreased litter size [MP:0001935]| premature death [MP:0002083]| decreased body mass index [MP:0006086]| decreased epididymal fat pad weight [MP:0009289]| decreased parametrial fat pad weight [MP:0009301]| decreased susceptibility to weight gain [MP:0010182]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011101]| prenatal lethality [MP:0011110]

**Affected Gene:** Gpd2

**Catalog Number:** 009980-UCD

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:12093799](#), [PMID:12093800](#), [PMID:15031134](#)

**Alternate IDs:** MMRRC\_9980-UCD, MMRRC\_009980, MMRRC\_998

**Organism Name:** B6.129X1-Gpd2<sup>tm1Lbr</sup>/Mmucd

**Record Creation Time:** 20230308T054902+0000

**Record Last Update:** 20260912T134216+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Gpd2<sup>tm1Lbr</sup>*/Mmucd.

No alerts have been found for B6.129X1-*Gpd2<sup>tm1Lbr</sup>*/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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Zu Y, et al. (2026) Effects of Eicosapentaenoic Acid on the Glycerophosphate Shuttle-Regulated Inflammatory and Thermogenic Responses. Obesity (Silver Spring, Md.), 34(1), 150.