

# Resource Summary Report

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

**C57BL/6N-A<sup>tm1Brd</sup> Prrt2<sup>tm1a(KOMP)</sup>Wtsi/Mmucd**

RRID:MMRRC\_065365-UCD

Type: Organism

## Proper Citation

RRID:MMRRC\_065365-UCD

## Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=65365](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=65365)

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**Description:** Mus musculus with name C57BL/6N-A<sup>tm1Brd</sup> Prrt2<sup>tm1a(KOMP)</sup>Wtsi/Mmucd from MMRRC.

**Species:** Mus musculus

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

**Phenotype:** jumpy [MP:0001401] increased grooming behavior [MP:0001441] audiogenic seizures [MP:0001496] impaired balance [MP:0001525] abnormal motor capabilities/coordination/movement [MP:0002066] increased susceptibility to pharmacologically induced seizures [MP:0002906] abnormal inhibitory postsynaptic currents [MP:0002945] decreased lumbar vertebrae number [MP:0004647] abnormal miniature excitatory postsynaptic currents [MP:0004753] abnormal synaptic plasticity [MP:0004859] jerky movement [MP:0005424] thin cerebral cortex [MP:0006254] induced hyperactivity [MP:0008911] increased sacral vertebrae number [MP:0010101] retropulsion [MP:0010323] abnormal excitatory synapse morphology [MP:0020357] abnormal inhibitory synapse morphology [MP:0020358] 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:** |Prrt2|

**Catalog Number:** 065365-UCD

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_65365-UCD, MMRRC\_065365, MMRRC\_65365

**Organism Name:** C57BL/6N-A<sup>tm1Brd</sup> Prrt2<sup>tm1a(KOMP)</sup>Wtsi/Mmucd

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

**Record Last Update:** 20260801T125326+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A<sup>tm1Brd</sup> Prrt2<sup>tm1a(KOMP)</sup>Wtsi/Mmucd.

No alerts have been found for C57BL/6N-A<sup>tm1Brd</sup> Prrt2<sup>tm1a(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.