

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

C57BL/6N-A^{tm1Brd} Gprc5b/WtsiBiat

RRID:IMSR_EM:05980

Type: Organism

Proper Citation

RRID:IMSR_EM:05980

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=5980>

Proper Citation: RRID:IMSR_EM:05980

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} Gprc5b/WtsiBiat from IMSR.

Species: Mus musculus

Notes: gene symbol note: G protein-coupled receptor; family C; group 5; member B;
mutant strain: Gprc5b

Affected Gene: G protein-coupled receptor; family C; group 5; member B

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:05980

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: IMSR_EM:05616

Organism Name: C57BL/6N-A^{tm1Brd} Gprc5b/WtsiBiat

Record Creation Time: 20250513T062231+0000

Record Last Update: 20260725T053000+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A^{tm1Brd} Gprc5b/WtsiBiat.

No alerts have been found for C57BL/6N-A^{tm1Brd} Gprc5b/WtsiBiat.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Sano T, et al. (2018) Loss of GPRC5B impairs synapse formation of Purkinje cells with cerebellar nuclear neurons and disrupts cerebellar synaptic plasticity and motor learning. Neuroscience research, 136, 33.