

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Gabbr1^{tm1Bet}](#)/[Gabbr1^{tm1Bet}](#)

RRID:MGI:3612993

Type: Organism

Proper Citation

RRID:MGI:3612993

Organism Information

URL:

Proper Citation: RRID:MGI:3612993

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: reduced female fertility, decreased thermal nociceptive threshold, abnormal myelin sheath morphology, abnormal lumbar dorsal root ganglion morphology, abnormal axon morphology, abnormal somatic nervous system morphology, impaired passive avoidance behavior, hyperactivity, short proestrus, seizures, abnormal excitatory postsynaptic currents, impaired behavioral response to xenobiotic, increased circulating prolactin level, hyperresponsive to tactile stimuli, abnormal synaptic transmission, abnormal estrous cycle, abnormal sciatic nerve morphology, decreased thermal nociceptive threshold, clonic seizures, prolonged estrus, increased circulating luteinizing hormone level, tonic-clonic seizures, decreased physiological sensitivity to xenobiotic, increased anxiety-related response, hyporesponsive to tactile stimuli, abnormal nervous system electrophysiology, abnormal inhibitory postsynaptic currents, abnormal depression-related behavior, growth/size/body region phenotype, abnormal gait, abnormal myelination, reduced long term potentiation, absence seizures, increased anxiety-related response, impaired behavioral response to xenobiotic, audiogenic seizures

Affected Gene: Gabbr1

Genomic Alteration: tm1Bet

Catalog Number: 3612993

Background: BALB/c-Gabbr1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15706241](#), [PMID:11498050](#), [PMID:18206390](#),
[PMID:16701209](#), [PMID:15321743](#), [PMID:16682806](#)

Organism Name: Gabbr1^{tm1Bet}/Gabbr1^{tm1Bet}

Record Creation Time: 20240120T190610+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Gabbr1^{tm1Bet}/Gabbr1^{tm1Bet}.

No alerts have been found for Gabbr1^{tm1Bet}/Gabbr1^{tm1Bet}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.