

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Erb4^{tm1Grl}/Erb4^{tm1Grl}; Tg\(Myh6-ERBB4\)HT2Gass](#)

RRID:MGI:5318192

Type: Organism

Proper Citation

RRID:MGI:5318192

Organism Information

URL:

Proper Citation: RRID:MGI:5318192

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

Species: Mus musculus

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

Phenotype: impaired contextual conditioning behavior, behavior/neurological phenotype, abnormal long term potentiation, decreased anxiety-related response, impaired cued conditioning behavior, hyperactivity, decreased prepulse inhibition, enhanced long term potentiation

Affected Gene: Erb4

Genomic Alteration: tm1Grl, Tg(Myh6-ERBB4)HT2Gass

Catalog Number: 5318192

Background: B6.Cg-Erb4 Tg(Myh6-ERBB4)HT2Gass

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22378872](#)

Organism Name: Erb4^{tm1Grl}/Erb4^{tm1Grl}; Tg(Myh6-ERBB4)HT2Gass

Record Creation Time: 20240120T190149+0000

Ratings and Alerts

No rating or validation information has been found for *Erb4^{tm1Gr}/Erb4^{tm1Gr}; Tg(Myh6-ERBB4)HT2Gass*.

No alerts have been found for *Erb4^{tm1Gr}/Erb4^{tm1Gr}; Tg(Myh6-ERBB4)HT2Gass*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cui W, et al. (2021) In trans neuregulin3-Caspr3 interaction controls DA axonal bassoon cluster development. *Current biology : CB*, 31(15), 3330.

Erben L, et al. (2019) Detection and Quantification of Multiple RNA Sequences Using Emerging Ultrasensitive Fluorescent In Situ Hybridization Techniques. *Current protocols in neuroscience*, 87(1), e63.