

Resource Summary Report

Generated by T1D on Sep 19, 2026

ICR.Cg-Gad1^{tm1.1Tama}/Rbrc

RRID:IMSR_RBRC03674

Type: Organism

Proper Citation

RRID:IMSR_RBRC03674

Organism Information

URL: <https://brc.riken.jp/mus/RBRC03674>

Proper Citation: RRID:IMSR_RBRC03674

Description: Mus musculus with name ICR.Cg-Gad1^{tm1.1Tama}/Rbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: glutamate decarboxylase 1; mutant stock: Gad1

Affected Gene: glutamate decarboxylase 1

Genomic Alteration: targeted mutation 1.1; Nobuaki Tamamaki

Catalog Number: RBRC03674

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: ICR.Cg-Gad1^{tm1.1Tama}/Rbrc

Record Creation Time: 20250513T061453+0000

Record Last Update: 20260919T063214+0000

Ratings and Alerts

No rating or validation information has been found for ICR.Cg-Gad1^{tm1.1Tama}/Rbrc.

No alerts have been found for ICR.Cg-Gad1^{tm1.1Tama}/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Aksoy-Aksel A, et al. (2021) Midbrain dopaminergic inputs gate amygdala intercalated cell clusters by distinct and cooperative mechanisms in male mice. *eLife*, 10.

Asede D, et al. (2021) Apical intercalated cell cluster: A distinct sensory regulator in the amygdala. *Cell reports*, 35(7), 109151.

Horie S, et al. (2021) Structural basis for noradrenergic regulation of neural circuits in the mouse olfactory bulb. *The Journal of comparative neurology*, 529(9), 2189.

Romanov RA, et al. (2020) Molecular design of hypothalamus development. *Nature*, 582(7811), 246.

Schuman B, et al. (2019) Four Unique Interneuron Populations Reside in Neocortical Layer 1. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(1), 125.

Saito K, et al. (2018) Identification of NeuN immunopositive cells in the adult mouse subventricular zone. *The Journal of comparative neurology*, 526(12), 1927.

Travers S, et al. (2018) Neurons with diverse phenotypes project from the caudal to the rostral nucleus of the solitary tract. *The Journal of comparative neurology*, 526(14), 2319.

Fujikake K, et al. (2018) Detachment of Chain-Forming Neuroblasts by Fyn-Mediated Control of cell-cell Adhesion in the Postnatal Brain. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(19), 4598.

Chen KS, et al. (2017) Differential neuronal and glial expression of nuclear factor I proteins in the cerebral cortex of adult mice. *The Journal of comparative neurology*, 525(11), 2465.

Kim J, et al. (2014) Layer 6 corticothalamic neurons activate a cortical output layer, layer 5a. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(29), 9656.