Resource Summary Report

Generated by SPARC SAWG on Aug 2, 2026

C57BL/6J-Tg(Gad2-tdTomato)DJhi/Ph

RRID:IMSR_EM:10422
Type: Organism

Proper Citation

RRID:IMSR_EM:10422

Organism Information

URL: https://www.infrafrontier.eu/emma/strain-details/?q=10422

Proper Citation: RRID:IMSR_EM:10422

Description: Mus musculus with name C57BL/6J-Tg(Gad2-tdTomato)DJhi/Ph from IMSR.

Species: Mus musculus

Synonyms: TgN(GAD65-tdTomato). B6-Tg(Gad2-tdTomato)D. C57BL/6-Tg(Gad2-tdTomato)DJhi/Ph

Notes: gene symbol note: transgene insertion D; Johannes Hirrlinger; mutant strain: Tg(Gad2-tdTomato)DJhi

Affected Gene: transgene insertion D; Johannes Hirrlinger

Genomic Alteration: transgene insertion D; Johannes Hirrlinger

Catalog Number: EM:10422

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Organism Name: C57BL/6J-Tg(Gad2-tdTomato)DJhi/Ph

Record Creation Time: 20250513T062259+0000

Record Last Update: 20260801T060011+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Gad2-tdTomato)DJhi/Ph.

No alerts have been found for C57BL/6J-Tg(Gad2-tdTomato)DJhi/Ph.

Data and Source Information

Source: Integrated Animals

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Oke Y, et al. (2023) Cell types and synchronous-activity patterns of inspiratory neurons in the preBötzinger complex of mouse medullary slices during early postnatal development. Scientific reports, 13(1), 586.

Aguggia JP, et al. (2022) Growth hormone secretagogue receptor signaling in the supramammillary nucleus targets nitric oxide-producing neurons and controls recognition memory in mice. Psychoneuroendocrinology, 139, 105716.

Liu P, et al. (2021) Spinal GABAergic neurons are under feed-forward inhibitory control driven by A? and C fibers in Gad2 td-Tomato mice. Molecular pain, 17, 1744806921992620.

Brebner LS, et al. (2020) Extinction of cue-evoked food-seeking recruits a GABAergic interneuron ensemble in the dorsal medial prefrontal cortex of mice. The European journal of neuroscience, 52(7), 3723.

Brebner LS, et al. (2020) The Emergence of a Stable Neuronal Ensemble from a Wider Pool of Activated Neurons in the Dorsal Medial Prefrontal Cortex during Appetitive Learning in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(2), 395.

Homma R, et al. (2019) Narrowly Confined and Glomerulus-Specific Onset Latencies of Odor-Evoked Calcium Transients in the Juxtaglomerular Cells of the Mouse Main Olfactory Bulb. eNeuro, 6(1).

Hirrlinger J, et al. (2019) GABA-Glycine Cotransmitting Neurons in the Ventrolateral Medulla: Development and Functional Relevance for Breathing. Frontiers in cellular neuroscience, 13, 517.

Ahmadlou M, et al. (2018) Functional modulation of primary visual cortex by the superior colliculus in the mouse. Nature communications, 9(1), 3895.