

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

C3;B6-Sema3a^{m808Ddg/J}

RRID:IMSR_JAX:014646

Type: Organism

Proper Citation

RRID:IMSR_JAX:014646

Organism Information

URL: <https://www.jax.org/strain/014646>

Proper Citation: RRID:IMSR_JAX:014646

Description: Mus musculus with name C3;B6-Sema3a^{m808Ddg/J} from IMSR.

Species: Mus musculus

Synonyms: C3.B6-Sema3a/J

Notes: gene symbol note: sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3A; mutant stock: Sema3a

Affected Gene: sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3A

Genomic Alteration: mutation 808; David D Ginty

Catalog Number: JAX:014646

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C3;B6-Sema3a^{m808Ddg/J}

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260725T044437+0000

Ratings and Alerts

No rating or validation information has been found for C3;B6-Sema3a^{m808Ddg/J}.

No alerts have been found for C3;B6-Sema3a^{m808Ddg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chipman PH, et al. (2025) A unifying mechanism for presynaptic homeostatic plasticity at mammalian peripheral and central synapses. Neuron.

Bonanomi D, et al. (2019) p190RhoGAP Filters Competing Signals to Resolve Axon Guidance Conflicts. Neuron, 102(3), 602.