

Resource Summary Report

Generated by ASWG on Aug 9, 2026

B6.129P2(FVB)-Glb1^{tm1Adz/J}

RRID:IMSR_JAX:037063

Type: Organism

Proper Citation

RRID:IMSR_JAX:037063

Organism Information

URL: <https://www.jax.org/strain/037063>

Proper Citation: RRID:IMSR_JAX:037063

Description: Mus musculus with name B6.129P2(FVB)-Glb1^{tm1Adz/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: galactosidase; beta 1; mutant strain|congenic strain: Glb1

Affected Gene: galactosidase; beta 1

Genomic Alteration: targeted mutation 1; Alessandra d'Azzo

Catalog Number: JAX:037063

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2(FVB)-Glb1^{tm1Adz/J}

Record Creation Time: 20250513T053857+0000

Record Last Update: 20260808T051052+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(FVB)-Glb1^{tm1Adz/J}.

No alerts have been found for B6.129P2(FVB)-Glb1^{tm1Adz/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 [ASWG](#) .

Weesner JA, et al. (2024) Altered GM1 catabolism affects NMDAR-mediated Ca²⁺ signaling at ER-PM junctions and increases synaptic spine formation in a GM1-gangliosidosis model. Cell reports, 43(5), 114117.

Weesner JA, et al. (2024) Protocol for the isolation and purification of endoplasmic reticulum-plasma membrane junctions from the mouse brain. STAR protocols, 5(3), 103253.