

# Resource Summary Report

Generated by T1D on Sep 21, 2026

## B6.129S6-Bin1<sup>tm2Gcp/J</sup>

RRID:IMSR\_JAX:021145

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:021145

### Organism Information

**URL:** <https://www.jax.org/strain/021145>

**Proper Citation:** RRID:IMSR\_JAX:021145

**Description:** Mus musculus with name B6.129S6-Bin1<sup>tm2Gcp/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: bridging integrator 1; mutant strain|congenic strain: Bin1

**Affected Gene:** bridging integrator 1

**Genomic Alteration:** targeted mutation 2; George C Pendergast

**Catalog Number:** JAX:021145

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S6-Bin1<sup>tm2Gcp/J</sup>

**Record Creation Time:** 20250513T053742+0000

**Record Last Update:** 20260919T054929+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S6-Bin1<sup>tm2Gcp/J</sup>.

No alerts have been found for B6.129S6-Bin1<sup>tm2Gcp/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

McAvoy KM, et al. (2019) Cell-autonomous and non-cell autonomous effects of neuronal BIN1 loss in vivo. PloS one, 14(8), e0220125.

Crotti A, et al. (2019) BIN1 favors the spreading of Tau via extracellular vesicles. Scientific reports, 9(1), 9477.