

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6;129S-Map7^{Gt(ROSA^{Betageo})1Sor/J}

RRID:IMSR_JAX:004153

Type: Organism

Proper Citation

RRID:IMSR_JAX:004153

Organism Information

URL: <https://www.jax.org/strain/004153>

Proper Citation: RRID:IMSR_JAX:004153

Description: Mus musculus with name B6;129S-Map7^{Gt(ROSA^{Betageo})1Sor/J} from IMSR.

Species: Mus musculus

Synonyms: B6;129S-Mtap7/J. B6;129S-Mtap7/J

Notes: gene symbol note: microtubule-associated protein 7|beta-galactosidase; mutant stock: Map7|lacZ

Affected Gene: microtubule-associated protein 7|beta-galactosidase

Genomic Alteration: gene trap 1; Philippe Soriano

Catalog Number: JAX:004153

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S-Map7^{Gt(ROSA^{Betageo})1Sor/J}

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260829T044935+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Map7^{Gt(ROSA^{Betageo})1Sor/J}.

No alerts have been found for B6;129S-Map7^{Gt(ROSA^{Betageo})1Sor/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](#) .

Hattori-Muroi K, et al. (2026) Dietary soy shapes the microbiome to induce commensal-specific T follicular helper cells and IgA production. *Immunity*, 59(6), 1616.

Tymanskyj SR, et al. (2019) MAP7 Prevents Axonal Branch Retraction by Creating a Stable Microtubule Boundary to Rescue Polymerization. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(36), 7118.