

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6.Cg-Igs7^{tm170.1}(tetO-GFP*/TPTE2*.CAG-tTA2)Hze/J

RRID:IMSR_JAX:031570

Type: Organism

Proper Citation

RRID:IMSR_JAX:031570

Organism Information

URL: <https://www.jax.org/strain/031570>

Proper Citation: RRID:IMSR_JAX:031570

Description: Mus musculus with name B6.Cg-Igs7^{tm170.1}(tetO-GFP*/TPTE2*.CAG-tTA2)Hze/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tetracycline-controlled transactivator||intergenic site 7|transmembrane phosphatase with tensin homology|tet operator; mutant strain|congenic strain: tTA||Igs7|TPTE|tetO

Affected Gene: tetracycline-controlled transactivator||intergenic site 7|transmembrane phosphatase with tensin homology|tet operator

Genomic Alteration: targeted mutation 170.1; Hongkui Zeng

Catalog Number: JAX:031570

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Igs7^{tm170.1}(tetO-GFP*/TPTE2*.CAG-tTA2)Hze/J

Record Creation Time: 20250513T053823+0000

Record Last Update: 20260919T055007+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Igs7^{tm170.1}(tetO-GFP*/TPTE2*.CAG-tTA2)Hze/J.

No alerts have been found for B6.Cg-Igs7^{tm170.1}(tetO-GFP*/TPTE2*.CAG-tTA2)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Daigle TL, et al. (2018) A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. Cell, 174(2), 465.