Resource Summary Report

Generated by nidm-terms on Aug 19, 2026

B6.129-Htr7^{tm1Sut}/J

RRID:IMSR_JAX:019453
Type: Organism

Proper Citation

RRID:IMSR_JAX:019453

Organism Information

URL: https://www.jax.org/strain/019453

Proper Citation: RRID:IMSR_JAX:019453

Description: Mus musculus with name B6.129-Htr7^{tm1Sut}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: 5-hydroxytryptamine (serotonin) receptor 7; mutant strain|congenic strain: Htr7

Affected Gene: 5-hydroxytryptamine (serotonin) receptor 7

Genomic Alteration: targeted mutation 1; J Gregor Sutcliffe

Catalog Number: JAX:019453

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Htr7^{tm1Sut}/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260815T050652+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Htr7^{tm1Sut}/J.

No alerts have been found for B6.129-Htr7^{tm1Sut}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Li B, et al. (2025) Serotonin transporter inhibits antitumor immunity through regulating the intratumoral serotonin axis. Cell, 188(14), 3823.

Bijata M, et al. (2022) Activation of the 5-HT7 receptor and MMP-9 signaling module in the hippocampal CA1 region is necessary for the development of depressive-like behavior. Cell reports, 38(11), 110532.

Kusek M, et al. (2021) 5-HT7 receptors enhance inhibitory synaptic input to principal neurons in the mouse basal amygdala. Neuropharmacology, 198, 108779.