

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

Best1^{tm1Lmar}/Best1^{tm1Lmar}

RRID:MGI:3797408

Type: Organism

Proper Citation

RRID:MGI:3797408

Organism Information

URL:

Proper Citation: RRID:MGI:3797408

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal eye physiology, abnormal eye electrophysiology

Affected Gene: Best1

Genomic Alteration: tm1Lmar

Catalog Number: 3797408

Background: involves: 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16636205](#)

Organism Name: Best1^{tm1Lmar}/Best1^{tm1Lmar}

Record Creation Time: 20240120T190431+0000

Record Last Update: 20240130T201914+0000

Ratings and Alerts

No rating or validation information has been found for Best1^{tm1Lmar}/Best1^{tm1Lmar}.

No alerts have been found for Best1^{tm1Lmar}/Best1^{tm1Lmar}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kwak H, et al. (2020) Astrocytes Control Sensory Acuity via Tonic Inhibition in the Thalamus. Neuron, 108(4), 691.

Woo J, et al. (2020) The molecular mechanism of synaptic activity-induced astrocytic volume transient. The Journal of physiology, 598(20), 4555.

Oh SJ, et al. (2019) Ultrasonic Neuromodulation via Astrocytic TRPA1. Current biology : CB, 29(20), 3386.