

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6(Cg)-Lhx6^{tm1}(cre/ERT2)Zjh/J

RRID:IMSR_JAX:010776

Type: Organism

Proper Citation

RRID:IMSR_JAX:010776

Organism Information

URL: <https://www.jax.org/strain/010776>

Proper Citation: RRID:IMSR_JAX:010776

Description: Mus musculus with name B6(Cg)-Lhx6^{tm1}(cre/ERT2)Zjh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|LIM homeobox protein 6; mutant strain: cre/ERT2|Lhx6

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|LIM homeobox protein 6

Genomic Alteration: targeted mutation 1; Z Josh Huang

Catalog Number: JAX:010776

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Lhx6^{tm1}(cre/ERT2)Zjh/J

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260815T050628+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Lhx6^{tm1}(cre/ERT2)Zjh/J.

No alerts have been found for B6(Cg)-Lhx6^{tm1(cre/ERT2)Zjh/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 [NIF](#).

Gutman-Wei AY, et al. (2026) Cell-type-selective synaptogenesis during the development of layer 6 corticothalamic neuron connectivity in the mammalian neocortex. Cell reports, 45(1), 116792.

Kim DW, et al. (2021) Gene regulatory networks controlling differentiation, survival, and diversification of hypothalamic Lhx6-expressing GABAergic neurons. Communications biology, 4(1), 95.

Liu K, et al. (2017) Lhx6-positive GABA-releasing neurons of the zona incerta promote sleep. Nature, 548(7669), 582.