

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

B6;129S4-Fezf2^{tm1.1}(cre/ERT2)Zjh/J

RRID:IMSR_JAX:036296

Type: Organism

Proper Citation

RRID:IMSR_JAX:036296

Organism Information

URL: <https://www.jax.org/strain/036296>

Proper Citation: RRID:IMSR_JAX:036296

Description: Mus musculus with name B6;129S4-Fezf2^{tm1.1}(cre/ERT2)Zjh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Fez family zinc finger 2; mutant stock: Fezf2

Affected Gene: Fez family zinc finger 2

Genomic Alteration: targeted mutation 1.1; Z Josh Huang

Catalog Number: JAX:036296

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129S4-Fezf2^{tm1.1}(cre/ERT2)Zjh/J

Record Creation Time: 20250513T053853+0000

Record Last Update: 20260919T055035+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Fezf2^{tm1.1}(cre/ERT2)Zjh/J.

No alerts have been found for B6;129S4-Fezf2^{tm1.1}(cre/ERT2)Zjh/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

An X, et al. (2026) A cortical circuit for orchestrating oromaneal food manipulation. Neuron, 114(12), 2254.

Suryanarayana SM, et al. (2026) Distinct neurogenic pathways shape the diversification and mosaic organization of cortical output channels. Neuron, 114(13), 2404.

Li Y, et al. (2026) Corticothalamic communication for action coordination in a skilled motor behavior. Nature neuroscience, 29(3), 660.

Li Y, et al. (2025) Motor Cortical Output Integrates Distorted Proprioceptive Feedback. bioRxiv : the preprint server for biology.

Suryanarayana SM, et al. (2025) Distinct neurogenic pathways shape the diversification and mosaic organization of cortical output channels. bioRxiv : the preprint server for biology.

Szelenyi ER, et al. (2024) Distributed X chromosome inactivation in brain circuitry is associated with X-linked disease penetrance of behavior. Cell reports, 43(4), 114068.

Huilgol D, et al. (2023) Direct and indirect neurogenesis generate a mosaic of distinct glutamatergic projection neuron types in cerebral cortex. Neuron, 111(16), 2557.

Deng H, et al. (2021) A genetically defined insula-brainstem circuit selectively controls motivational vigor. Cell, 184(26), 6344.