

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6;129-Fos^{tm1Mxu}/Mmjax

RRID:MMRRC_037115-JAX

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37115

Proper Citation: RRID:MMRRC_037115-JAX

Description: Mus musculus with name B6;129-Fos^{tm1Mxu}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal learning/memory/conditioning [MP:0002063]| abnormal nervous system electrophysiology [MP:0002272]| abnormal locomotor activation [MP:0003313]| abnormal behavior [MP:0004924]| abnormal dendrite morphology [MP:0008143]| abnormal neuron number [MP:0008946]| impaired conditioned place preference behavior [MP:0009712]

Affected Gene: Fos

Catalog Number: 037115-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_37115-JAX, MMRRC_037115, MMRRC_37115

Organism Name: B6;129-Fos^{tm1Mxu}/Mmjax

Record Creation Time: 20230308T055149+0000

Record Last Update: 20260801T124402+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-*Fos*^{tm1Mxu}/Mmjax.

No alerts have been found for B6;129-*Fos*^{tm1Mxu}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Levitan D, et al. (2020) Deletion of *Stk11* and *Fos* in mouse BLA projection neurons alters intrinsic excitability and impairs formation of long-term aversive memory. *eLife*, 9.