

Resource Summary Report

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

SD-Tg(Fos-LacZ)Bhope

RRID:RRRC_00865

Type: Organism

Proper Citation

RRID:RRRC_00865

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=14390082

Proper Citation: RRID:RRRC_00865

Description: Rattus norvegicus with name SD-Tg(Fos-LacZ)Bhope from RGD.

Species: Rattus norvegicus

Notes: The lacZ gene was inserted between NcoI and Sall sites in exon 4 of the murine Fos gene . The linearized DNA was then microinjected into fertilized rat oocytes and line 1-8 was chosen for continuation. Rats were rederived from frozen embryos in 2002 and bred onto SD background for >35 generations at NIDA IRP (Bruce Hope lab) [Rat Resource and Research Center](#)

Catalog Number: 00865

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_14390082, 14390082, RRRC_865, RRRC_0865, RRRC_00865

Organism Name: SD-Tg(Fos-LacZ)Bhope

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260919T110853+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Fos-LacZ)Bhope .

No alerts have been found for SD-Tg(Fos-LacZ)Bhope .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lay BPP, et al. (2025) Reduction in Reward-Driven Behavior Depends on the Basolateral But Not Central Nucleus of the Amygdala in Female Rats. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(45).

Lay BPP, et al. (2023) The Recruitment of a Neuronal Ensemble in the Central Nucleus of the Amygdala During the First Extinction Episode Has Persistent Effects on Extinction Expression. Biological psychiatry, 93(4), 300.