Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

W-Tg(CAG-cre)81Jmsk

RRID:RRRC_00301
Type: Organism

Proper Citation

RRID:RRRC_00301

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=2304211

Proper Citation: RRID:RRRC_00301

Description: Rattus norvegicus with name W-Tg(CAG-cre)81Jmsk from RGD.

Species: Rattus norvegicus

Notes: This strain expresses the cre recombinase ubiquitously driven by CAG promoter. The majority of expression of the transgene is detected in the skeletal muscles established at Jichi Medical School. National BioResource Project for the Rat in Japan, Rat Resource and Research Center

Catalog Number: 00301

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Live Animals; Cryopreserved Embryo (as of 2018-07-16)

Alternate IDs: RGD_2304211, 2304211, RRRC_301, RRRC_0301, RRRC_00301

Organism Name: W-Tg(CAG-cre)81Jmsk

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260808T100721+0000

Ratings and Alerts

No rating or validation information has been found for W-Tg(CAG-cre)81Jmsk .

No alerts have been found for W-Tg(CAG-cre)81Jmsk .

Data and Source Information

Source: Integrated Animals

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Haijima A, et al. (2026) Functional behavioral profiling of multiple Cre-driver rat lines. Experimental animals, 75(2), 241.

Bu W, et al. (2025) Rat somatic genome editing enables ER+ breast cancer modeling. bioRxiv : the preprint server for biology.

Uchimura Y, et al. (2024) Knockout of the orphan membrane transporter Slc22a23 leads to a lean and hyperactive phenotype with a small hippocampal volume. PloS one, 19(8), e0309461.

Meek S, et al. (2024) Redundancy of p75NTR neurotrophin receptor function in development, growth and fertility in the rat. Transgenic research, 33(4), 255.