

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[Tg\(Atoh1-cre\)1Bfri; Gt\(ROSA\)26Sor^{tm7}\(CAG-mCherry/-EGFP/tetX\)Dym/Gt\(ROSA\)26Sor⁺; Tg\(ACTFLPe\)9205Dym](#)

RRID:MGI:4412287

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Transgenic, Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic, Targeted This is a legacy resource.

Phenotype: impaired coordination, abnormal ear physiology, abnormal excitatory postsynaptic currents, impaired balance, short stride length, abnormal gait, abnormal synaptic vesicle recycling

Affected Gene: Gt(ROSA)26Sor

Genomic Alteration: Tg(Atoh1-cre)1Bfri, Tg(ACTFLPe)9205Dym, tm7(CAG-mCherry, -EGFP/tetX)Dym

Catalog Number: 4412287

Background: involves: 129S6/SvEvTac * C57BL/6 * CBA * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19679071](#)

Organism Name: Tg(Atoh1-cre)1Bfri; Gt(ROSA)26Sor^{tm7}(CAG-mCherry/-EGFP/tetX)Dym/Gt(ROSA)26Sor⁺; Tg(ACTFLPe)9205Dym

Record Creation Time: 20240120T190315+0000

Record Last Update: 20240130T201830+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Atoh1-cre)1Bfri; Gt(ROSA)26Sor^{tm7}(CAG-mCherry/-EGFP/tetX)Dym/Gt(ROSA)26Sor⁺; Tg(ACTFLPe)9205Dym.

No alerts have been found for Tg(Atoh1-cre)1Bfri; Gt(ROSA)26Sor^{tm7}(CAG-mCherry/-EGFP/tetX)Dym/Gt(ROSA)26Sor⁺; Tg(ACTFLPe)9205Dym.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang Z, et al. (2022) Ti3 C2 Tx MXene Composite 3D Hydrogel Potentiates mTOR Signaling to Promote the Generation of Functional Hair Cells in Cochlea Organoids. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(32), e2203557.