

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 8, 2026

[Angpt1^{tm1.1Seq}/Angpt1^{tm1.1Seq}; Gt\(ROSA\)26Sor^{tm1\(rtTA/EGFP\)Nagy}; Angpt2^{tm1c\(KOMP\)Seq}/Angpt2^{tm1c\(KOMP\)Seq}; Tg\(tetO-cre\)1Jaw](#)

RRID:MGI:5613965

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5613965

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

Species: Mus musculus

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

Phenotype: thin retinal outer nuclear layer, abnormal lymphatic vessel morphology, abnormal intraocular pressure, thin retinal ganglion layer, abnormal retinal layer morphology, abnormal eye physiology, abnormal retinal nerve fiber layer morphology, abnormal cornea morphology, abnormal eye anterior chamber depth, abnormal eye morphology, decreased visual acuity, absent Schlemm's canal, buphthalmos, thin retinal inner nuclear layer, abnormal anterior eye segment morphology

Affected Gene: Angpt2, Gt(ROSA)26Sor, Angpt1

Genomic Alteration: tm1(rtTA, EGFP)Nagy, tm1.1Seq, tm1c(KOMP)Seq, Tg(tetO-cre)1Jaw

Catalog Number: 5613965

Background: involves: 129 * C57BL/6NCr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25202984](#)

Organism Name: Angpt1^{tm1.1Seq}/Angpt1^{tm1.1Seq}; Gt(ROSA)26Sor^{tm1(rtTA/EGFP)}Nagy; Angpt2^{tm1c(KOMP)Seq}/Angpt2^{tm1c(KOMP)Seq}; Tg(tetO-cre)1Jaw

Record Creation Time: 20240120T190035+0000

Record Last Update: 20240130T201659+0000

Ratings and Alerts

No rating or validation information has been found for Angpt1^{tm1.1Seq}/Angpt1^{tm1.1Seq}; Gt(ROSA)26Sor^{tm1(rtTA/EGFP)}Nagy; Angpt2^{tm1c(KOMP)Seq}/Angpt2^{tm1c(KOMP)Seq}; Tg(tetO-cre)1Jaw.

No alerts have been found for Angpt1^{tm1.1Seq}/Angpt1^{tm1.1Seq}; Gt(ROSA)26Sor^{tm1(rtTA/EGFP)}Nagy; Angpt2^{tm1c(KOMP)Seq}/Angpt2^{tm1c(KOMP)Seq}; Tg(tetO-cre)1Jaw.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.