

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[Agtr2^{tm1Tin}](#)

RRID:MGI:4453871

Type: Organism

Proper Citation

RRID:MGI:4453871

Organism Information

URL:

Proper Citation: RRID:MGI:4453871

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

Species: Mus musculus

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

Phenotype: decreased angiogenesis, abnormal habenula morphology, abnormal piriform cortex morphology, abnormal hippocampus CA2 region morphology, abnormal thalamus morphology, increased mean systemic arterial blood pressure, abnormal baroreceptor physiology, increased systemic arterial blood pressure, increased renal vascular resistance, increased physiological sensitivity to xenobiotic, abnormal kidney cortex morphology, abnormal eating behavior, abnormal glucose homeostasis, abnormal epididymal fat pad morphology, decreased susceptibility to weight gain, abnormal urine sodium level, decreased renal plasma flow rate, abnormal urine homeostasis, renal interstitial fibrosis, increased energy expenditure, increased insulin sensitivity, decreased susceptibility to diet-induced obesity, abnormal lipid homeostasis, increased white fat cell number, abnormal systemic arterial blood pressure, decreased white fat cell size, decreased kidney apoptosis, abnormal respiratory quotient, abnormal amygdala morphology, abnormal hippocampus CA3 region morphology, abnormal triglyceride level, abnormal response/metabolism to endogenous compounds, increased angiogenesis, abnormal circulating insulin level, abnormal circulating leptin level, abnormal hippocampus CA1 region morphology

Affected Gene: Agtr2

Genomic Alteration: tm1Tin

Catalog Number: 4453871

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15793237](#), [PMID:9551401](#), [PMID:11384784](#), [PMID:12154115](#), [PMID:14597675](#), [PMID:10620200](#)

Organism Name: Agtr2^{tm1Tin}

Record Creation Time: 20240120T190259+0000

Record Last Update: 20240130T201822+0000

Ratings and Alerts

No rating or validation information has been found for Agtr2^{tm1Tin}.

No alerts have been found for Agtr2^{tm1Tin}.

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.