

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Pa2g4Gt\(OST186047\)Lex](#)/[Pa2g4Gt\(OST186047\)Lex](#)

RRID:MGI:4353886

Type: Organism

Proper Citation

RRID:MGI:4353886

Organism Information

URL:

Proper Citation: RRID:MGI:4353886

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: decreased body weight, decreased cell proliferation, kinked tail, decreased body size, early cellular replicative senescence, decreased litter size

Affected Gene: Pa2g4

Genomic Alteration: Gt(OST186047)Lex

Catalog Number: 4353886

Background: involves: 129S5/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19094237](#)

Organism Name: Pa2g4Gt(OST186047)Lex/Pa2g4Gt(OST186047)Lex

Record Creation Time: 20240120T190328+0000

Record Last Update: 20240130T201838+0000

Ratings and Alerts

No rating or validation information has been found for Pa2g4^{Gt(OST186047)Lex}/Pa2g4^{Gt(OST186047)Lex}.

No alerts have been found for Pa2g4^{Gt(OST186047)Lex}/Pa2g4^{Gt(OST186047)Lex}.

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 [NIF](#) .

Neilson KM, et al. (2017) Pa2G4 is a novel Six1 co-factor that is required for neural crest and otic development. Developmental biology, 421(2), 171.