

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

[Lgr4^{Gt\(LST020\)}Byg](#)/[Lgr4^{Gt\(LST020\)}Byg](#)

RRID:MGI:3797606

Type: Organism

Proper Citation

RRID:MGI:3797606

Organism Information

URL:

Proper Citation: RRID:MGI:3797606

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

Species: Mus musculus

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

Phenotype: abnormal cornea morphology, iris stroma hypoplasia, ciliary body hypoplasia, microphthalmia, retinal ganglion cell degeneration, small lens, thin retinal inner nuclear layer, thin retinal outer nuclear layer, abnormal iridocorneal angle, abnormal corneal stroma morphology, anterior iris synechia, corneal epithelium hypoplasia, abnormal corneal epithelium morphology, abnormal retina morphology, abnormal anterior eye segment morphology, decreased corneal epithelium thickness, hypoplastic trabecular meshwork, increased incidence of corneal inflammation, iris hypoplasia, mydriasis, corneal vascularization, decreased cornea thickness, corneal opacity, abnormal canal of Schlemm morphology, corneal deposits, disorganized retinal outer nuclear layer, disorganized retinal inner nuclear layer, decreased survivor rate, cataract, abnormal lens morphology, decreased corneal stroma thickness, decreased body weight, disorganized secondary lens fibers, embryonic growth retardation

Affected Gene: Lgr4

Genomic Alteration: Gt(LST020)Byg

Catalog Number: 3797606

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18424556](#)

Organism Name: Lgr4^{Gt(LST020)Byg}/Lgr4^{Gt(LST020)Byg}

Record Creation Time: 20240120T190431+0000

Record Last Update: 20240130T201914+0000

Ratings and Alerts

No rating or validation information has been found for Lgr4^{Gt(LST020)Byg}/Lgr4^{Gt(LST020)Byg}.

No alerts have been found for Lgr4^{Gt(LST020)Byg}/Lgr4^{Gt(LST020)Byg}.

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.