

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 20, 2026

Tg(Shh-cre/ERT2)#aYjg/Tg(Shh-cre/ERT2)#aYjg

RRID:MGI:5692429

Type: Organism

Proper Citation

RRID:MGI:5692429

Organism Information

URL:

Proper Citation: RRID:MGI:5692429

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

Species: Mus musculus

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

Phenotype: no abnormal phenotype detected

Genomic Alteration: Tg(Shh-cre/ERT2)#aYjg

Catalog Number: 5692429

Background: involves: FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25950659](#)

Organism Name: Tg(Shh-cre/ERT2)#aYjg/Tg(Shh-cre/ERT2)#aYjg

Record Creation Time: 20240120T185935+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Shh-cre/ERT2)#aYjg/Tg(Shh-cre/ERT2)#aYjg.

No alerts have been found for Tg(Shh-cre/ERT2)#aYjg/Tg(Shh-cre/ERT2)#aYjg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Foote AG, et al. (2022) Piezo1-expressing vocal fold epithelia modulate remodeling via effects on self-renewal and cytokeratin differentiation. Cellular and molecular life sciences : CMLS, 79(12), 591.

Zhang K, et al. (2022) mTORC1 signaling facilitates differential stem cell differentiation to shape the developing murine lung and is associated with mitochondrial capacity. Nature communications, 13(1), 7252.

Mohad V, et al. (2021) Inactivation of Lats1 and Lats2 highlights the role of hippo pathway effector YAP in larynx and vocal fold epithelium morphogenesis. Developmental biology, 473, 33.

Conrad L, et al. (2021) The biomechanical basis of biased epithelial tube elongation in lung and kidney development. Development (Cambridge, England), 148(9).

Yang S, et al. (2021) Cell dynamics in Hertwig's epithelial root sheath are regulated by β -catenin activity during tooth root development. Journal of cellular physiology, 236(7), 5387.

Stupnikov MR, et al. (2019) Jagged and Delta-like ligands control distinct events during airway progenitor cell differentiation. eLife, 8.

Tessier S, et al. (2019) NFAT5/TonEBP controls early acquisition of notochord phenotypic markers, collagen composition, and sonic hedgehog signaling during mouse intervertebral disc embryogenesis. Developmental biology, 455(2), 369.

Chen J, et al. (2012) Integrin Beta 1 suppresses multilayering of a simple epithelium. PloS one, 7(12), e52886.

Devenport D, et al. (2008) Planar polarization in embryonic epidermis orchestrates global asymmetric morphogenesis of hair follicles. Nature cell biology, 10(11), 1257.