

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 17, 2026

B6;129-Vegfa^{tm2Gne} Tg(SFTPC-rtTA)5Jaw Tg(tetO-cre)1Jaw/H

RRID:IMSR_EM:09724

Type: Organism

Proper Citation

RRID:IMSR_EM:09724

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=9724>

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Description: Mus musculus with name B6;129-Vegfa^{tm2Gne} Tg(SFTPC-rtTA)5Jaw Tg(tetO-cre)1Jaw/H from IMSR.

Species: Mus musculus

Synonyms: SPC tetCre loxP VEGF. SPC tetCre loxP VEGF (conditional inducible alveolar epithelial cell VEGF knockout mouse)

Notes: gene symbol note: vascular endothelial growth factor A|transgene insertion 1; Jeffrey A Whitsett|transgene insertion 5; Jeffrey A Whitsett; mutant strain: Vegfa|Tg(tetO-cre)1Jaw|Tg(SFTPC-rtTA)5Jaw

Affected Gene: vascular endothelial growth factor A|transgene insertion 1; Jeffrey A Whitsett|transgene insertion 5; Jeffrey A Whitsett

Genomic Alteration: targeted mutation 2; Genentech|transgene insertion 1; Jeffrey A Whitsett|transgene insertion 5; Jeffrey A Whitsett

Catalog Number: EM:09724

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:6335888, IMSR_HAR:7891

Organism Name: B6;129-Vegfa^{tm2Gne} Tg(SFTPC-rtTA)5Jaw Tg(tetO-cre)1Jaw/H

Record Creation Time: 20250513T062254+0000

Record Last Update: 20260912T065211+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Vegfa^{tm2Gne} Tg(SFTPC-rtTA)5Jaw Tg(tetO-cre)1Jaw/H.

No alerts have been found for B6;129-Vegfa^{tm2Gne} Tg(SFTPC-rtTA)5Jaw Tg(tetO-cre)1Jaw/H.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Emg??rd J, et al. (2018) Oxysterol Sensing through the Receptor GPR183 Promotes the Lymphoid-Tissue-Inducing Function of Innate Lymphoid Cells and Colonic Inflammation. Immunity, 48(1), 120.

Hansen W, et al. (2012) Neuropilin 1 deficiency on CD4+Foxp3+ regulatory T cells impairs mouse melanoma growth. The Journal of experimental medicine, 209(11), 2001.

Ishida S, et al. (2003) VEGF164-mediated inflammation is required for pathological, but not physiological, ischemia-induced retinal neovascularization. The Journal of experimental medicine, 198(3), 483.