

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

PGKneolox2DTA.2

RRID:Addgene_13449

Type: Plasmid

Proper Citation

RRID:Addgene_13449

Plasmid Information

URL: <http://www.addgene.org/13449>

Proper Citation: RRID:Addgene_13449

Insert Name: PGKneolox2DTA

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:2900; Vector Backbone:na; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: This vector contains PGKneobpA flanked by loxP sites and PGKdtabpA.

Plasmid Name: PGKneolox2DTA.2

Record Creation Time: 20220422T221743+0000

Record Last Update: 20260808T080818+0000

Ratings and Alerts

No rating or validation information has been found for PGKneolox2DTA.2.

No alerts have been found for PGKneolox2DTA.2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Luo S, et al. (2023) Humanized V(D)J-rearranging and TdT-expressing mouse vaccine models with physiological HIV-1 broadly neutralizing antibody precursors. *Proceedings of the National Academy of Sciences of the United States of America*, 120(1), e2217883120.

Luo S, et al. (2022) An antibody from single human VH-rearranging mouse neutralizes all SARS-CoV-2 variants through BA.5 by inhibiting membrane fusion. *Science immunology*, 7(76), eadd5446.

Ko N, et al. (2022) A desirable transgenic strategy using GGTA1 endogenous promoter-mediated knock-in for xenotransplantation model. *Scientific reports*, 12(1), 9611.

Wang H, et al. (2019) A Transgenic Mouse Model of Pacak-Zhuang Syndrome with An *Epas1* Gain-of-Function Mutation. *Cancers*, 11(5).

Zhang Y, et al. (2017) Generation and Characterization of a Novel Mouse Line, Keratocan-rtTA (KeraRT), for Corneal Stroma and Tendon Research. *Investigative ophthalmology & visual science*, 58(11), 4800.

Choi K, et al. (2017) Production of heterozygous alpha 1,3-galactosyltransferase (GGTA1) knock-out transgenic miniature pigs expressing human CD39. *Transgenic research*, 26(2), 209.

Tian M, et al. (2016) Induction of HIV Neutralizing Antibody Lineages in Mice with Diverse Precursor Repertoires. *Cell*, 166(6), 1471.

Banta AB, et al. (2015) A distinct pathway for tetrahymanol synthesis in bacteria. *Proceedings of the National Academy of Sciences of the United States of America*, 112(44), 13478.

Xue S, et al. (2015) RNA regulons in Hox 5' UTRs confer ribosome specificity to gene regulation. *Nature*, 517(7532), 33.

Brewer JR, et al. (2015) *Fgfr1* regulates development through the combinatorial use of signaling proteins. *Genes & development*, 29(17), 1863.

Wang L, et al. (2014) A conserved axon type hierarchy governing peripheral nerve assembly. *Development (Cambridge, England)*, 141(9), 1875.

Kondilis-Mangum HD, et al. (2011) Regulation of TCR α allelic exclusion by gene segment proximity and accessibility. *Journal of immunology (Baltimore, Md. : 1950)*, 187(12), 6374.