

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

MIGR-RORgt

RRID:Addgene_24069

Type: Plasmid

Proper Citation

RRID:Addgene_24069

Plasmid Information

URL: <http://www.addgene.org/24069>

Proper Citation: RRID:Addgene_24069

Insert Name: Rorgt

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pMIGR; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: MIGR-RORgt

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260919T091603+0000

Ratings and Alerts

No rating or validation information has been found for MIGR-RORgt.

No alerts have been found for MIGR-RORgt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Cimons JM, et al. (2025) T-bet overexpression enhances CAR T cell effector functions and antigen sensitivity. *Journal for immunotherapy of cancer*, 13(4).

Wang R, et al. (2021) Genetic and pharmacological inhibition of the nuclear receptor ROR γ regulates TH17 driven inflammatory disorders. *Nature communications*, 12(1), 76.

Harbour SN, et al. (2020) TH17 cells require ongoing classic IL-6 receptor signaling to retain transcriptional and functional identity. *Science immunology*, 5(49).

Koliesnik IO, et al. (2018) RelB regulates Th17 differentiation in a cell-intrinsic manner. *Immunobiology*, 223(2), 191.

Amir M, et al. (2018) REV-ERB α Regulates TH17 Cell Development and Autoimmunity. *Cell reports*, 25(13), 3733.

Singh AK, et al. (2018) SUMOylation of ROR γ inhibits IL-17 expression and inflammation via HDAC2. *Nature communications*, 9(1), 4515.

McKenzie DR, et al. (2017) IL-17-producing $\gamma\delta$ T cells switch migratory patterns between resting and activated states. *Nature communications*, 8, 15632.

Kathania M, et al. (2016) Itch inhibits IL-17-mediated colon inflammation and tumorigenesis by ROR γ ubiquitination. *Nature immunology*, 17(8), 997.

Lainé A, et al. (2015) Foxo1 Is a T Cell-Intrinsic Inhibitor of the ROR γ -Th17 Program. *Journal of immunology* (Baltimore, Md. : 1950), 195(4), 1791.