

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

7TGC

RRID:Addgene_24304

Type: Plasmid

Proper Citation

RRID:Addgene_24304

Plasmid Information

URL: <http://www.addgene.org/24304>

Proper Citation: RRID:Addgene_24304

Insert Name: 7xTcf-eGFP // SV40-mCherry

Organism: Aequorea victoria (modified) / synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20186325](#)

Vector Backbone Description: Backbone Marker:Naldini/Trono (Addgene #12252); Backbone Size:6132; Vector Backbone:pRRLSIN.cPPT.PGK-GFP.WPRE ; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: TCF repeat sequence is AGATCAAAGG This plasmid requires a 2nd generation lentiviral packaging system.

Plasmid Name: 7TGC

Relevant Mutation: EGFP is GFP with S65T and F64L mutations

Record Creation Time: 20220422T222108+0000

Record Last Update: 20260815T081230+0000

Ratings and Alerts

No rating or validation information has been found for 7TGC.

No alerts have been found for 7TGC.

Data and Source Information

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

El Laithy Y, et al. (2026) Chemotherapy-Treated Breast Cancer Cells Activate the WNT Signaling Pathway to Enter a Diapause-Like Early Persister State. *Cancer research*, 86(2), 310.

Foerster LC, et al. (2025) Cross-species comparison reveals therapeutic vulnerabilities halting glioblastoma progression. *Nature communications*, 16(1), 7250.

Berenguier C, et al. (2025) Cancer-associated loss-of-function mutations in KCNQ1 enhance Wnt/ β -catenin signalling disrupting epithelial homeostasis. *Oncogene*, 44(31), 2715.

Yuan C, et al. (2025) The interplay between Wnt and mTOR signaling modulates ciliogenesis in human retinal epithelial cells. *PLoS biology*, 23(9), e3003369.

Wu Z, et al. (2024) Wnt dose escalation during the exit from pluripotency identifies tranilast as a regulator of cardiac mesoderm. *Developmental cell*, 59(6), 705.

Yuan W, et al. (2024) Screening and identification of miRNAs negatively regulating FAM83A/Wnt/ β -catenin signaling pathway in non-small cell lung cancer. *Scientific reports*, 14(1), 17394.

DiCesare SM, et al. (2024) GSK3 inhibition reduces ECM production and prevents age-related macular degeneration-like pathology. *JCI insight*, 9(15).

Verhagen MP, et al. (2024) The SW480 cell line as a model of resident and migrating colon cancer stem cells. *iScience*, 27(9), 110658.

Shirai R, et al. (2024) Cadherin-11 contributes to the heterogenous and dynamic Wnt-Wnt/ β -catenin pathway activation in Ewing sarcoma. *PloS one*, 19(6), e0305490.

van der Wal T, et al. (2023) Visualizing WNT signaling in mammalian systems. *Current topics in developmental biology*, 153, 61.

DiCesare SM, et al. (2023) GSK3 inhibition reduces ECM production and prevents age-related macular degeneration-like pathology. *bioRxiv : the preprint server for biology*.

Lee S, et al. (2023) A rationally designed optochemogenetic switch for activating canonical Wnt signaling. *iScience*, 26(3), 106233.

Pond KW, et al. (2022) Live-cell imaging in human colonic monolayers reveals ERK waves limit the stem cell compartment to maintain epithelial homeostasis. *eLife*, 11.

Do M, et al. (2022) A FZD7-specific Antibody-Drug Conjugate Induces Ovarian Tumor Regression in Preclinical Models. *Molecular cancer therapeutics*, 21(1), 113.

Yan R, et al. (2022) Liquidambaric acid inhibits Wnt/ β -catenin signaling and colon cancer via targeting TNF receptor-associated factor 2. *Cell reports*, 38(5), 110319.

Evron T, et al. (2021) A CRISPR knockout screen reveals new regulators of canonical Wnt signaling. *Oncogenesis*, 10(9), 63.

Santos R, et al. (2021) Deficient LEF1 expression is associated with lithium resistance and hyperexcitability in neurons derived from bipolar disorder patients. *Molecular psychiatry*, 26(6), 2440.

Hoffmann K, et al. (2020) Stable expansion of high-grade serous ovarian cancer organoids requires a low-Wnt environment. *The EMBO journal*, 39(6), e104013.

Sarem M, et al. (2019) Cell number in mesenchymal stem cell aggregates dictates cell stiffness and chondrogenesis. *Stem cell research & therapy*, 10(1), 10.

Lee E, et al. (2019) GREB1 amplifies androgen receptor output in human prostate cancer and contributes to antiandrogen resistance. *eLife*, 8.