

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3.1(+)-wt-TTF-1

RRID:Addgene_49989

Type: Plasmid

Proper Citation

RRID:Addgene_49989

Plasmid Information

URL: <http://www.addgene.org/49989>

Proper Citation: RRID:Addgene_49989

Insert Name: TTF-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22761434](#)

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:5400; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1(+)-wt-TTF-1

Record Creation Time: 20220422T222257+0000

Record Last Update: 20260725T074802+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1(+)-wt-TTF-1.

No alerts have been found for pcDNA3.1(+)-wt-TTF-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Delestrain C, et al. (2022) Deciphering an isolated lung phenotype of NKX2-1 frameshift pathogenic variant. *Frontiers in pediatrics*, 10, 978598.

Ziros PG, et al. (2018) NFE2-Related Transcription Factor 2 Coordinates Antioxidant Defense with Thyroglobulin Production and Iodination in the Thyroid Gland. *Thyroid : official journal of the American Thyroid Association*, 28(6), 780.

Kang HS, et al. (2017) GLIS3 is indispensable for TSH/TSHR-dependent thyroid hormone biosynthesis and follicular cell proliferation. *The Journal of clinical investigation*, 127(12), 4326.

L??f C, et al. (2016) Detection of Novel Gene Variants Associated with Congenital Hypothyroidism in a Finnish Patient Cohort. *Thyroid : official journal of the American Thyroid Association*, 26(9), 1215.

Guo W, et al. (2016) The MicroRNA 29 Family Promotes Type II Cell Differentiation in Developing Lung. *Molecular and cellular biology*, 36(16), 2141.