

# Resource Summary Report

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

## p413TEF-SirT1

RRID:Addgene\_51746

Type: Plasmid

### Proper Citation

RRID:Addgene\_51746

### Plasmid Information

**URL:** <http://www.addgene.org/51746>

**Proper Citation:** RRID:Addgene\_51746

**Insert Name:** SirT1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:19390637](#)

**Vector Backbone Description:** Vector Backbone:p413TEF; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** p413TEF-SirT1

**Record Creation Time:** 20220422T222304+0000

**Record Last Update:** 20260725T074815+0000

### Ratings and Alerts

No rating or validation information has been found for p413TEF-SirT1.

No alerts have been found for p413TEF-SirT1.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ding Y, et al. (2019) Peroxynitrite-Mediated SIRT (Sirtuin)-1 Inactivation Contributes to Nicotine-Induced Arterial Stiffness in Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 39(7), 1419.

Ma S, et al. (2017) miR449a/SIRT1/PGC-1?? Is Necessary for Mitochondrial Biogenesis Induced by T-2 Toxin. *Frontiers in pharmacology*, 8, 954.