

# Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

## SBE-Luc

RRID:Addgene\_16527

Type: Plasmid

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### Proper Citation

RRID:Addgene\_16527

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### Plasmid Information

**URL:** <http://www.addgene.org/16527>

**Proper Citation:** RRID:Addgene\_16527

**Insert Name:** Smad binding element

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:9702198](#)

**Vector Backbone Description:** Backbone Marker:Vogelstein Lab; Backbone Size:4867; Vector Backbone:pBV-Luc; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

**Comments:** SBE-luc was made by annealing the oligonucleotides 5'-CGGAGTATGTCTAGACTGACAATG-3' and 5'-CTAGCATTGTCAGTCTAGACATACTCCGAGCT-3' and cloning them into the Sac1 and Nhe1 sites.

**Plasmid Name:** SBE-Luc

**Record Creation Time:** 20220422T221933+0000

**Record Last Update:** 20260801T080732+0000

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### Ratings and Alerts

No rating or validation information has been found for SBE-Luc.

No alerts have been found for SBE-Luc.

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### Data and Source Information

## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Miao T, et al. (2025) Down-regulation of MFNG promotes the metastatic potential of lung adenocarcinoma by regulating TGF- $\beta$ /Smad signaling. *iScience*, 28(11), 113647.

Feng Y, et al. (2024) HIPK2 C-terminal domain inhibits NF- $\kappa$ B signaling and renal inflammation in kidney injury. *JCI insight*, 9(8).

Lee YJ, et al. (2020) TOPK promotes epithelial-mesenchymal transition and invasion of breast cancer cells through upregulation of TBX3 in TGF- $\beta$ 1/Smad signaling. *Biochemical and biophysical research communications*, 522(1), 270.

Bissey PA, et al. (2018) Dysregulation of the MiR-449b target TGFBI alters the TGF- $\beta$  pathway to induce cisplatin resistance in nasopharyngeal carcinoma. *Oncogenesis*, 7(5), 40.

Duran J, et al. (2018) GDF11 Modulates Ca<sup>2+</sup>-Dependent Smad2/3 Signaling to Prevent Cardiomyocyte Hypertrophy. *International journal of molecular sciences*, 19(5).

Kathiriya JJ, et al. (2017) Galectin-1 inhibition attenuates profibrotic signaling in hypoxia-induced pulmonary fibrosis. *Cell death discovery*, 3, 17010.

Nyati S, et al. (2016) A Requirement for ZAK Kinase Activity in Canonical TGF- $\beta$  Signaling. *Translational oncology*, 9(6), 473.

Nyati S, et al. (2015) The kinase activity of the Ser/Thr kinase BUB1 promotes TGF- $\beta$  signaling. *Science signaling*, 8(358), ra1.

Sörensen-Zender I, et al. (2015) Zinc- $\alpha$ 2-Glycoprotein Exerts Antifibrotic Effects in Kidney and Heart. *Journal of the American Society of Nephrology : JASN*, 26(11), 2659.