

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pSynSRE-Mut-T-Luc

RRID:Addgene_60490

Type: Plasmid

Proper Citation

RRID:Addgene_60490

Plasmid Information

URL: <http://www.addgene.org/60490>

Proper Citation: RRID:Addgene_60490

Insert Name: HMG-CoA synthase promoter (-324/-225) fused to HMG-CoA synthase TATAA (-28/+39) transcription initiator sequence

Organism: Hamster

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2903862](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5357; Vector Backbone:pGL2 basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pSynSRE-Mut-T-Luc

Relevant Mutation: Four point mutations (G->C or A->C) in the SRE binding regions described by Smith et al., 1988, JBC

Record Creation Time: 20220422T222348+0000

Record Last Update: 20260815T081732+0000

Ratings and Alerts

No rating or validation information has been found for pSynSRE-Mut-T-Luc.

No alerts have been found for pSynSRE-Mut-T-Luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Bolshette N, et al. (2023) Carbon dioxide regulates cholesterol levels through SREBP2. PLoS biology, 21(11), e3002367.

Chow HM, et al. (2021) Low-Density Lipoprotein Receptor-Related Protein 6 Cell Surface Availability Regulates Fuel Metabolism in Astrocytes. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 8(16), e2004993.

Kim GH, et al. (2019) Ursolic Acid Suppresses Cholesterol Biosynthesis and Exerts Anti-Cancer Effects in Hepatocellular Carcinoma Cells. International journal of molecular sciences, 20(19).

Kim YS, et al. (2018) Emodin Sensitizes Hepatocellular Carcinoma Cells to the Anti-Cancer Effect of Sorafenib through Suppression of Cholesterol Metabolism. International journal of molecular sciences, 19(10).