

Resource Summary Report

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

[pLV-shEsr1](#)

RRID:Addgene_120720

Type: Plasmid

Proper Citation

RRID:Addgene_120720

Plasmid Information

URL: <http://www.addgene.org/120720>

Proper Citation: RRID:Addgene_120720

Insert Name: Esr1 shRNA

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29294029](#)

Vector Backbone Description: Backbone Marker:MIT; Backbone Size:7649; Vector Backbone:pLL3.7; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: The 19 nucleotide targeting sequence for Esr1 was obtained from this publication: <https://www.ncbi.nlm.nih.gov/pubmed/16803960> This plasmid is also featured in the following article: <https://pubmed.ncbi.nlm.nih.gov/32482639> (J Neurosci. 2020)

Plasmid Name: pLV-shEsr1

Record Creation Time: 20220422T221631+0000

Record Last Update: 20260815T080328+0000

Ratings and Alerts

No rating or validation information has been found for pLV-shEsr1.

No alerts have been found for pLV-shEsr1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Vandegrift BJ, et al. (2020) Estrogen Receptor ?? Regulates Ethanol Excitation of Ventral Tegmental Area Neurons and Binge Drinking in Female Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(27), 5196.