

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

pLVX-SBP-mGFP-COL1A1

RRID:Addgene_110726

Type: Plasmid

Proper Citation

RRID:Addgene_110726

Plasmid Information

URL: <http://www.addgene.org/110726>

Proper Citation: RRID:Addgene_110726

Insert Name: Pro-SBP-mGFP-COL1A1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30587510](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:8102; Vector Backbone:pLVX-Puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: See attached PDF for full descriptions

Plasmid Name: pLVX-SBP-mGFP-COL1A1

Relevant Mutation: See attached PDF

Record Creation Time: 20220422T221539+0000

Record Last Update: 20260829T075124+0000

Ratings and Alerts

No rating or validation information has been found for pLVX-SBP-mGFP-COL1A1.

No alerts have been found for pLVX-SBP-mGFP-COL1A1.

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 [SPARC SAWG](#) .

Thompson G, et al. (2025) Multiple golgins are required to support extracellular matrix secretion, modification, and assembly. The Journal of cell biology, 224(10).

Hazari Y, et al. (2023) The endoplasmic reticulum stress sensor IRE1 regulates collagen secretion through the enforcement of the proteostasis factor P4HB/PDIA1 contributing to liver damage and fibrosis. bioRxiv : the preprint server for biology.

Mansur A, et al. (2023) Dynamic regulation of inter-organelle communication by ubiquitylation controls skeletal muscle development and disease onset. eLife, 12.

Buchl SC, et al. (2022) Traf2 and NCK Interacting Kinase Is a Critical Regulator of Procollagen I Trafficking and Hepatic Fibrogenesis in Mice. Hepatology communications, 6(3), 593.

Stevenson NL, et al. (2021) Giantin is required for intracellular N-terminal processing of type I procollagen. The Journal of cell biology, 220(6).