

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

pGL4-Gateway-SCP1

RRID:Addgene_71510

Type: Plasmid

Proper Citation

RRID:Addgene_71510

Plasmid Information

URL: <http://www.addgene.org/71510>

Proper Citation: RRID:Addgene_71510

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:23328393](#)

Vector Backbone Description: Backbone Marker:Promega; Vector Backbone:pGL4.10; Vector Types:Mammalian Expression, humanSTARR-seq validation vector; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Note: The plasmid for enhancer-activity testing by luciferase assays has been used in the Arnold et al. 2013 publication. It should be replaced for all enhancer activity tests mammalian cells with the updated version reported by Muerdter et al. 2017. The improved version is Addgene plasmid # 99297. For enhancer-activity measurements in mammalian cells, please also consider the possibility of a plasmid-induced innate immune response (see Muerdter et al., 2017). Gateway-cassette was added between the KpnI and BglII sites and SCP1 between BglII and HindIII

Plasmid Name: pGL4-Gateway-SCP1

Record Creation Time: 20220422T222440+0000

Record Last Update: 20260815T081911+0000

Ratings and Alerts

No rating or validation information has been found for pGL4-Gateway-SCP1.

No alerts have been found for pGL4-Gateway-SCP1.

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 [dkNET](#) .

Lou S, et al. (2019) GRAM: A GeneRALized Model to predict the molecular effect of a non-coding variant in a cell-type specific manner. PLoS genetics, 15(8), e1007860.