

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pLPS-hSox2-gfp

RRID:Addgene_49390

Type: Plasmid

Proper Citation

RRID:Addgene_49390

Plasmid Information

URL: <http://www.addgene.org/49390>

Proper Citation: RRID:Addgene_49390

Insert Name: Sox2

Organism: Homo sapiens

Bacterial Resistance: Chloramphenicol and Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4900; Vector Backbone:pLPS-3'EGFP; Vector Types:Mammalian Expression, Cre/Lox, acceptor vector; Bacterial Resistance:Chloramphenicol and Kanamycin

Comments: hSox2 was transferred from the donor vector (pDNR-hSox2, Addgene plasmid #49389) to the acceptor vector using Cre-mediated recombination at the LoxP sites. When the recombinant construct is expressed in mammalian cells, EGFP is expressed from the immediate early promoter of cytomegalovirus (pCMV IE) as a 3' fusion to Sox2, through intron splicing.

Plasmid Name: pLPS-hSox2-gfp

Relevant Mutation: TGA (stop) to CCA (Pro) at nt 1027 with respect to GenBank ID BC013923

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081559+0000

Ratings and Alerts

No rating or validation information has been found for pLPS-hSox2-gfp.

No alerts have been found for pLPS-hSox2-gfp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.