

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pDONR221-hSOX10

RRID:Addgene_24749

Type: Plasmid

Proper Citation

RRID:Addgene_24749

Plasmid Information

URL: <http://www.addgene.org/24749>

Proper Citation: RRID:Addgene_24749

Insert Name: (sex determining region Y)-box 10

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19422606](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2545;
Vector Backbone:pDONR221; Vector Types:Gateway Cloning; Bacterial
Resistance:Kanamycin

Plasmid Name: pDONR221-hSOX10

Relevant Mutation: wildtype sequence

Record Creation Time: 20220422T222110+0000

Record Last Update: 20260815T081233+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221-hSOX10.

No alerts have been found for pDONR221-hSOX10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Newsom-Stewart CM, et al. (2025) Mapping of the hSOX10 protein interactome in human melanoma. bioRxiv : the preprint server for biology.

Kim KP, et al. (2021) Donor cell memory confers a metastable state of directly converted cells. Cell stem cell, 28(7), 1291.

Brooks LJ, et al. (2021) The white matter is a pro-differentiative niche for glioblastoma. Nature communications, 12(1), 2184.

Rosenbaum SR, et al. (2021) SOX10 requirement for melanoma tumor growth is due, in part, to immune-mediated effects. Cell reports, 37(10), 110085.

Law WD, et al. (2018) A genome-wide assessment of conserved SNP alleles reveals a panel of regulatory SNPs relevant to the peripheral nerve. BMC genomics, 19(1), 311.

Sun C, et al. (2014) Reversible and adaptive resistance to BRAF(V600E) inhibition in melanoma. Nature, 508(7494), 118.