

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pCUX1.1.0-gDNA

RRID:Addgene_112434

Type: Plasmid

Proper Citation

RRID:Addgene_112434

Plasmid Information

URL: <http://www.addgene.org/112434>

Proper Citation: RRID:Addgene_112434

Insert Name: CUX1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Zhang lab (Addgene plasmid ID: 42230); Vector Backbone:pX330; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: gRNA sequence listed includes 20 nucleotide target sequence, followed by the uncloned PAM sequence. The PAM sequence is not present in the plasmid. Use with plasmid pCUX1-donor.

Plasmid Name: pCUX1.1.0-gDNA

Record Creation Time: 20220422T221548+0000

Record Last Update: 20260808T080449+0000

Ratings and Alerts

No rating or validation information has been found for pCUX1.1.0-gDNA.

No alerts have been found for pCUX1.1.0-gDNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Krishnan M, et al. (2022) Genomic studies controvert the existence of the CUX1 p75 isoform. Scientific reports, 12(1), 151.

Cao Y, et al. (2021) Astragalus polysaccharide regulates brown adipogenic differentiation through miR-1258-5p-modulated cut-like homeobox 1 expression. Acta biochimica et biophysica Sinica, 53(12), 1713.