

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

pX458-Dual-Guide-Donor-Cas9-H2B-mCherry

RRID:Addgene_175570

Type: Plasmid

Proper Citation

RRID:Addgene_175570

Plasmid Information

URL: <http://www.addgene.org/175570>

Proper Citation: RRID:Addgene_175570

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Feng Zhang (Addgene plasmid # 48138); Vector Backbone:pX458; Vector Types:CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pX458-Dual-Guide-Donor-Cas9-H2B-mCherry

Relevant Mutation: XbaI site added upstream of U6 promotor. G to C mutation introduced to remove XbaI downstream of U6-Guide cassette.

Record Creation Time: 20220422T222015+0000

Record Last Update: 20260815T081051+0000

Ratings and Alerts

No rating or validation information has been found for pX458-Dual-Guide-Donor-Cas9-H2B-mCherry.

No alerts have been found for pX458-Dual-Guide-Donor-Cas9-H2B-mCherry.

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 [NIF](#) .

Dhanya SK, et al. (2024) Histone-binding protein RBBP4 is necessary to promote neurogenesis in the developing mouse neocortical progenitors. eNeuro, 11(12), ENEURO.0391.