

Resource Summary Report

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

pMPRAdonor2

RRID:Addgene_49353

Type: Plasmid

Proper Citation

RRID:Addgene_49353

Plasmid Information

URL: <http://www.addgene.org/49353>

Proper Citation: RRID:Addgene_49353

Insert Name: luc2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25177895](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:2693; Vector Backbone:pUC57; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: pMPRAdonor2

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081559+0000

Ratings and Alerts

No rating or validation information has been found for pMPRAdonor2.

No alerts have been found for pMPRAdonor2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Lee S, et al. (2025) Massively parallel reporter assay investigates shared genetic variants of eight psychiatric disorders. *Cell*, 188(5), 1409.

Shin T, et al. (2024) Rare variation in non-coding regions with evolutionary signatures contributes to autism spectrum disorder risk. *Cell genomics*, 4(8), 100609.

??rd T, et al. (2023) Genome-wide census of ATF4 binding sites and functional profiling of trait-associated genetic variants overlapping ATF4 binding motifs. *PLoS genetics*, 19(10), e1011014.

Shin T, et al. (2023) Rare variation in noncoding regions with evolutionary signatures contributes to autism spectrum disorder risk. *medRxiv : the preprint server for health sciences*.

Ho D, et al. (2021) Identifying the lungs as a susceptible site for allele-specific regulatory changes associated with type 1 diabetes risk. *Communications biology*, 4(1), 1072.

Yang X, et al. (2021) A miR-375/YAP axis regulates neuroendocrine differentiation and tumorigenesis in lung carcinoid cells. *Scientific reports*, 11(1), 10455.

Girskis KM, et al. (2021) Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions. *Neuron*, 109(20), 3239.

Richter F, et al. (2020) Genomic analyses implicate noncoding de novo variants in congenital heart disease. *Nature genetics*, 52(8), 769.

Davis JE, et al. (2020) Dissection of c-AMP Response Element Architecture by Using Genomic and Episomal Massively Parallel Reporter Assays. *Cell systems*, 11(1), 75.

Mazrooei P, et al. (2019) Cistrome Partitioning Reveals Convergence of Somatic Mutations and Risk Variants on Master Transcription Regulators in Primary Prostate Tumors. *Cancer cell*, 36(6), 674.

Pashos EE, et al. (2017) Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. *Cell stem cell*, 20(4), 558.

Doan RN, et al. (2016) Mutations in Human Accelerated Regions Disrupt Cognition and Social Behavior. *Cell*, 167(2), 341.

Ernst J, et al. (2016) Genome-scale high-resolution mapping of activating and repressive nucleotides in regulatory regions. *Nature biotechnology*, 34(11), 1180.