

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pEJS578_DD-dSpyCas9-mCherry-APEX2

RRID:Addgene_108570

Type: Plasmid

Proper Citation

RRID:Addgene_108570

Plasmid Information

URL: <http://www.addgene.org/108570>

Proper Citation: RRID:Addgene_108570

Insert Name: dSpyCas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29735996](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pHAGE-DEST; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: CRISPR-Cas9 nuclear dynamics and target recognition in living cells. Ma, H., Tu, L.-C., Naseri, A., Huisman, M., Zhang, S., Grunwald, D., and Pederson, T. (2016). CRISPR-Cas9 nuclear dynamics and target recognition in living cells. The Journal of Cell Biology 214, 529–537.

Plasmid Name: pEJS578_DD-dSpyCas9-mCherry-APEX2

Record Creation Time: 20220422T221527+0000

Record Last Update: 20260725T073442+0000

Ratings and Alerts

No rating or validation information has been found for pEJS578_DD-dSpyCas9-mCherry-APEX2.

No alerts have been found for pEJS578_DD-dSpyCas9-mCherry-APEX2.

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 [dkNET](#) .

Lee HT, et al. (2021) Phosphorylation of OGFOD1 by Cell Cycle-Dependent Kinase 7/9 Enhances the Transcriptional Activity of RNA Polymerase II in Breast Cancer Cells. *Cancers*, 13(14).

Briggs EM, et al. (2021) Unbiased proteomic mapping of the LINE-1 promoter using CRISPR Cas9. *Mobile DNA*, 12(1), 21.