

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[pSQT1601](#)

RRID:Addgene_53369

Type: Plasmid

Proper Citation

RRID:Addgene_53369

Plasmid Information

URL: <http://www.addgene.org/53369>

Proper Citation: RRID:Addgene_53369

Insert Name: hCsy4-T2A-NLS-hFokI-dCas9-NLS

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24770325](#)

Vector Backbone Description: Vector Backbone:pCAG-CFP; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pSQT1601

Record Creation Time: 20220422T222313+0000

Record Last Update: 20260912T092839+0000

Ratings and Alerts

No rating or validation information has been found for pSQT1601.

No alerts have been found for pSQT1601.

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 [NIF](#) .

Osuka S, et al. (2021) N-cadherin upregulation mediates adaptive radioresistance in glioblastoma. *The Journal of clinical investigation*, 131(6).

Rosell A, et al. (2020) Evaluation of different commercial antibodies for their ability to detect human and mouse tissue factor by western blotting. *Research and practice in thrombosis and haemostasis*, 4(6), 1013.

Zhou Y, et al. (2020) A low-background Tet-On system based on post-transcriptional regulation using Csy4. *PloS one*, 15(12), e0244732.

Shinde A, et al. (2019) Spleen Tyrosine Kinase-Mediated Autophagy Is Required for Epithelial-Mesenchymal Plasticity and Metastasis in Breast Cancer. *Cancer research*, 79(8), 1831.

Luo Z, et al. (2019) Efficient disruption of bcr-abl gene by CRISPR RNA-guided FokI nucleases depresses the oncogenesis of chronic myeloid leukemia cells. *Journal of experimental & clinical cancer research : CR*, 38(1), 224.

Xia L, et al. (2017) CHD4 Has Oncogenic Functions in Initiating and Maintaining Epigenetic Suppression of Multiple Tumor Suppressor Genes. *Cancer cell*, 31(5), 653.

Tsai TH, et al. (2017) The constitutive lipid droplet protein PLIN2 regulates autophagy in liver. *Autophagy*, 13(7), 1130.

Havlicek S, et al. (2017) Re-engineered RNA-Guided FokI-Nucleases for Improved Genome Editing in Human Cells. *Molecular therapy : the journal of the American Society of Gene Therapy*, 25(2), 342.

Zaboikin M, et al. (2017) Non-Homologous End Joining and Homology Directed DNA Repair Frequency of Double-Stranded Breaks Introduced by Genome Editing Reagents. *PloS one*, 12(1), e0169931.

Hardy SD, et al. (2017) Regulation of epithelial-mesenchymal transition and metastasis by TGF- β , P-bodies, and autophagy. *Oncotarget*, 8(61), 103302.

Liu L, et al. (2016) Neuronal expression of ILEI/FAM3C and its reduction in Alzheimer's disease. *Neuroscience*, 330, 236.

Wyvekens N, et al. (2015) Dimeric CRISPR RNA-Guided FokI-dCas9 Nucleases Directed by Truncated gRNAs for Highly Specific Genome Editing. *Human gene therapy*, 26(7), 425.

Wyvekens N, et al. (2015) Genome Editing in Human Cells Using CRISPR/Cas Nucleases. *Current protocols in molecular biology*, 112, 31.3.1.