

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pST1374

RRID:Addgene_13426

Type: Plasmid

Proper Citation

RRID:Addgene_13426

Plasmid Information

URL: <http://www.addgene.org/13426>

Proper Citation: RRID:Addgene_13426

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17406455](#)

Vector Backbone Description: Backbone Size:5725; Vector Backbone:pST1374; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Human zinc finger nuclease cloning vector. Zinc fingers are cloned in between unique XbaI and BamHI sites in front of the FokI nuclease domain.

Plasmid Name: pST1374

Record Creation Time: 20220422T221742+0000

Record Last Update: 20260725T073842+0000

Ratings and Alerts

No rating or validation information has been found for pST1374.

No alerts have been found for pST1374.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bondarieva A, et al. (2020) Proline-rich protein PRR19 functions with cyclin-like CNTD1 to promote meiotic crossing over in mouse. *Nature communications*, 11(1), 3101.

Baker O, et al. (2016) RAC-tagging: Recombineering And Cas9-assisted targeting for protein tagging and conditional analyses. *Scientific reports*, 6, 25529.

Yuan M, et al. (2016) A Simple and Efficient Approach to Construct Mutant Vaccinia Virus Vectors. *Journal of visualized experiments : JoVE*(116).

Byrne SM, et al. (2015) Multi-kilobase homozygous targeted gene replacement in human induced pluripotent stem cells. *Nucleic acids research*, 43(3), e21.

Shen B, et al. (2013) Efficient knockin mouse generation by ssDNA oligonucleotides and zinc-finger nuclease assisted homologous recombination in zygotes. *PloS one*, 8(10), e77696.

Ochiai H, et al. (2012) Zinc-finger nuclease-mediated targeted insertion of reporter genes for quantitative imaging of gene expression in sea urchin embryos. *Proceedings of the National Academy of Sciences of the United States of America*, 109(27), 10915.

Overlack N, et al. (2012) Gene repair of an Usher syndrome causing mutation by zinc-finger nuclease mediated homologous recombination. *Investigative ophthalmology & visual science*, 53(7), 4140.

Ochiai H, et al. (2010) Targeted mutagenesis in the sea urchin embryo using zinc-finger nucleases. *Genes to cells : devoted to molecular & cellular mechanisms*, 15(8), 875.

Liu G, et al. (2010) Replication-dependent instability at (CTG) x (CAG) repeat hairpins in human cells. *Nature chemical biology*, 6(9), 652.