

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pDestTol2CG2-U6:gRNA

RRID:Addgene_63156

Type: Plasmid

Proper Citation

RRID:Addgene_63156

Plasmid Information

URL: <http://www.addgene.org/63156>

Proper Citation: RRID:Addgene_63156

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:25752963](#)

Vector Backbone Description: Backbone Size:8267; Vector Backbone:pDestTol2CG2 (Tol2Kit#395); Vector Types:CRISPR, Tol2 destination vector for Gateway; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Reference for the Tol2Kit: Kwan, K.M., Fujimoto, E., Grabher, C., Mangum, B.D., Hardy, M.E., Campbell, D.S., Parant, J.M., Yost, H.J., Kanki, J.P., and Chien, C.B. (2007). The Tol2kit: a multisite gateway-based construction kit for Tol2 transposon transgenesis constructs. Dev Dyn 236, 3088-3099.

Plasmid Name: pDestTol2CG2-U6:gRNA

Record Creation Time: 20220422T222401+0000

Record Last Update: 20260815T081800+0000

Ratings and Alerts

No rating or validation information has been found for pDestTol2CG2-U6:gRNA.

No alerts have been found for pDestTol2CG2-U6:gRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Tanu T, et al. (2026) Recurrent ZC3H18 mutations stabilize oncogenic endogenous retroviral RNA. Cell reports, 45(7), 117526.

Ali RH, et al. (2025) A methyltransferase-independent role for METTL1 in tRNA aminoacylation and oncogenic transformation. Molecular cell, 85(5), 948.

Lysko DE, et al. (2022) Unmyelinated sensory neurons use Neuregulin signals to promote myelination of interneurons in the CNS. Cell reports, 41(7), 111669.

Hans S, et al. (2021) Cre-Controlled CRISPR mutagenesis provides fast and easy conditional gene inactivation in zebrafish. Nature communications, 12(1), 1125.

Fish RJ, et al. (2021) Venous Thrombosis and Thrombocyte Activity in Zebrafish Models of Quantitative and Qualitative Fibrinogen Disorders. International journal of molecular sciences, 22(2).

Freire C, et al. (2020) A genetic modifier of venous thrombosis in zebrafish reveals a functional role for fibrinogen A α 1E in early hemostasis. Blood advances, 4(21), 5480.

Zapilko V, et al. (2020) MicroRNA-126 is a regulator of platelet-supported thrombin generation. Platelets, 31(6), 746.

Beckwith-Cohen B, et al. (2020) Controlling Horizontal Cell-Mediated Lateral Inhibition in Transgenic Zebrafish Retina with Chemogenetic Tools. eNeuro, 7(5).

Nichols EL, et al. (2019) Synaptic-like Vesicles Facilitate Pioneer Axon Invasion. Current biology : CB, 29(16), 2652.

Wild R, et al. (2017) Neuronal sFlt1 and Vegfaa determine venous sprouting and spinal cord vascularization. Nature communications, 8, 13991.