

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pCS2TAL3-DD](#)

RRID:Addgene_37275

Type: Plasmid

Proper Citation

RRID:Addgene_37275

Plasmid Information

URL: <http://www.addgene.org/37275>

Proper Citation: RRID:Addgene_37275

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22916025](#)

Vector Backbone Description: Backbone Size:4168; Vector Backbone:pCS2; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: For more information on Grunwald TALEN Add-On Plasmids please refer to: <http://www.addgene.org/TALeffector/goldengate/add-ons/#grunwald>

Plasmid Name: pCS2TAL3-DD

Record Creation Time: 20220422T222158+0000

Record Last Update: 20260815T081414+0000

Ratings and Alerts

No rating or validation information has been found for pCS2TAL3-DD.

No alerts have been found for pCS2TAL3-DD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Sansam CG, et al. (2025) Due-B Is dispensable for early development and genome duplication in vertebrates. *bioRxiv : the preprint server for biology*.

Leino SA, et al. (2023) Zbtb16 mediates a switch between Fgf signalling regimes in the developing hindbrain. *Development (Cambridge, England)*, 150(18).

Sakaguchi K, et al. (2019) Comprehensive Experimental System for a Promising Model Organism Candidate for Marine Teleosts. *Scientific reports*, 9(1), 4948.

Cayuso J, et al. (2019) Actomyosin regulation by Eph receptor signaling couples boundary cell formation to border sharpness. *eLife*, 8.

Han MKL, et al. (2017) Zygotic vinculin is not essential for embryonic development in zebrafish. *PloS one*, 12(8), e0182278.

Ashikawa Y, et al. (2017) Potential protective function of the sterol regulatory element binding factor 1-fatty acid desaturase 1/2 axis in early-stage age-related macular degeneration. *Heliyon*, 3(3), e00266.

Han MK, et al. (2016) ??E-catenin-dependent mechanotransduction is essential for proper convergent extension in zebrafish. *Biology open*, 5(10), 1461.

Lau ES, et al. (2016) Knockout of Zebrafish Ovarian Aromatase Gene (cyp19a1a) by TALEN and CRISPR/Cas9 Leads to All-male Offspring Due to Failed Ovarian Differentiation. *Scientific reports*, 6, 37357.

Rosowski EE, et al. (2016) Rac2 Functions in Both Neutrophils and Macrophages To Mediate Motility and Host Defense in Larval Zebrafish. *Journal of immunology (Baltimore, Md. : 1950)*, 197(12), 4780.

Taheri-Ghahfarokhi A, et al. (2015) Genome Modification of Pluripotent Cells by Using Transcription Activator-Like Effector Nucleases (TALENs). *Methods in molecular biology (Clifton, N.J.)*, 1330, 253.

Nishimura Y, et al. (2015) Pharmacological profiling of zebrafish behavior using chemical and genetic classification of sleep-wake modifiers. *Frontiers in pharmacology*, 6, 257.

Shin J, et al. (2014) Efficient homologous recombination-mediated genome engineering in zebrafish using TALE nucleases. *Development (Cambridge, England)*, 141(19), 3807.