

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

14UAS PSD95:GFP 5UAS DSRedExpress

RRID:Addgene_74315

Type: Plasmid

Proper Citation

RRID:Addgene_74315

Plasmid Information

URL: <http://www.addgene.org/74315>

Proper Citation: RRID:Addgene_74315

Insert Name: zebrafish PSD95

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:14758365](#)

Vector Backbone Description: Backbone Marker:clontech/invitrogen; Backbone Size:5; Vector Backbone:pEGFP-N2; Vector Types;; Bacterial Resistance:Kanamycin

Comments: The depositor noted that the Y599H and I793S mutations found in Addgene's quality control sequence does NOT affect plasmid function.

Plasmid Name: 14UAS PSD95:GFP 5UAS DSRedExpress

Relevant Mutation: Y599H and I793S (please see depositor comment below)

Record Creation Time: 20220422T222454+0000

Record Last Update: 20260902T050125+0000

Ratings and Alerts

No rating or validation information has been found for 14UAS PSD95:GFP 5UAS DSRedExpress.

No alerts have been found for 14UAS PSD95:GFP 5UAS DSRedExpress.

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 [PRECISE-TBI](#) .

DeMarco EC, et al. (2022) A genetic labeling system to study dendritic spine development in zebrafish models of neurodevelopmental disorders. Disease models & mechanisms, 15(8).

DeMarco E, et al. (2021) Pyramidal Neurons of the Zebrafish Tectum Receive Highly Convergent Input From Torus Longitudinalis. Frontiers in neuroanatomy, 15, 636683.