

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

UAS:iGluSnfr.zf1

RRID:Addgene_108356

Type: Plasmid

Proper Citation

RRID:Addgene_108356

Plasmid Information

URL: <http://www.addgene.org/108356>

Proper Citation: RRID:Addgene_108356

Insert Name: UAS:[GlyRa1 secretion sequence]-[iGluSnFR]

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30078569](#)

Vector Backbone Description: Backbone Size:2700; Vector Backbone:pUC19; Vector Types:Zebrafish expression; Bacterial Resistance:Ampicillin

Comments: Cloning was via SLiCE (Seamless Ligation Cloning Extract). Note: The right tol1 region contains a single base pair mismatch compared to the depositor's expected sequence. The depositor has noted that this could reduce transgenesis efficiency, although they were able to successfully establish lines using the parent vector.

Plasmid Name: UAS:iGluSnfr.zf1

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260808T080407+0000

Ratings and Alerts

No rating or validation information has been found for UAS:iGluSnfr.zf1.

No alerts have been found for UAS:iGluSnfr.zf1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Turan F, et al. (2021) Effect of modulating glutamate signaling on myelinating oligodendrocytes and their development-A study in the zebrafish model. Journal of neuroscience research, 99(11), 2774.