

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

VV073: 1xCox8 - GCaMP5G in fubi

RRID:Addgene_58509

Type: Plasmid

Proper Citation

RRID:Addgene_58509

Plasmid Information

URL: <http://www.addgene.org/58509>

Proper Citation: RRID:Addgene_58509

Insert Name: 1xCox8 - GCaMP5G

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25296307](#)

Vector Backbone Description: Backbone Size:9240; Vector Backbone:FCK(1.3)GW, from Addgene 22217; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please see Addgene plasmid 31788 for more information on GCaMP5G; also note that GCaMP5G was published in: Optimization of a GCaMP calcium indicator for neural activity imaging. Akerboom et al (J Neurosci. 2012 Oct 3;32(40):13819-40. doi: 10.1523/JNEUROSCI.2601-12.2012.)

Plasmid Name: VV073: 1xCox8 - GCaMP5G in fubi

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081717+0000

Ratings and Alerts

No rating or validation information has been found for VV073: 1xCox8 - GCaMP5G in fubi.

No alerts have been found for VV073: 1xCox8 - GCaMP5G in fubi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.