

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

VV221: sdChR(C138S)-TS-eGFP-ER in fck

RRID:Addgene_58513

Type: Plasmid

Proper Citation

RRID:Addgene_58513

Plasmid Information

URL: <http://www.addgene.org/58513>

Proper Citation: RRID:Addgene_58513

Insert Name: sdChR(C138S)-TS-eGFP-ER

Organism: Scherffelia dubia

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: sdChR was published in: Klapoetke, N. C., Y. Murata, S.S. Kim, S.R. Pulver, A. Birdsey-Benson, Y.K. Cho, T.K. Morimoto, A.S. Chuong, E.J. Carpenter and Z. Tian. 2014. Independent optical excitation of distinct neural populations. Nat. Meth. 11, 338-346.

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Relevant Mutation: changed Cysteine 138 to Serine

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081717+0000

Ratings and Alerts

No rating or validation information has been found for VV221: sdChR(C138S)-TS-eGFP-ER in fck.

No alerts have been found for VV221: sdChR(C138S)-TS-eGFP-ER in fck.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.