

Resource Summary Report

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

CRY2-GFP-homer1c

RRID:Addgene_89442

Type: Plasmid

Proper Citation

RRID:Addgene_89442

Plasmid Information

URL: <http://www.addgene.org/89442>

Proper Citation: RRID:Addgene_89442

Insert Name: CRY2-GFP-homer1c

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28132827](#)

Vector Backbone Description: Backbone Marker:custom; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: strong promoter-high expression levels lead to aggregation. Use~150ng plasmid for one well of a 12 well plate

Plasmid Name: CRY2-GFP-homer1c

Relevant Mutation: Contains Full length CRY2

Record Creation Time: 20220422T222608+0000

Record Last Update: 20260815T082157+0000

Ratings and Alerts

No rating or validation information has been found for CRY2-GFP-homer1c.

No alerts have been found for CRY2-GFP-homer1c.

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 [RRID](#) .

Fusco CM, et al. (2025) Neuronal processes contain the essential components for the late steps of ribosome biogenesis. Proceedings of the National Academy of Sciences of the United States of America, 122(31), e2502424122.

Wang G, et al. (2022) Glutamate Receptor Interacting Protein 1 in the Dorsal CA1 Drives Alpha-amino-3-hydroxy-5-methyl-4-Isloxazolepropionic Acid Receptor Endocytosis and Exocytosis Bidirectionally and Mediates Forgetting, Exploratory, and Anxiety-like Behavior. Neuroscience, 498, 235.