

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

CMV-Brainbow-1.1 M

RRID:Addgene_18722

Type: Plasmid

Proper Citation

RRID:Addgene_18722

Plasmid Information

URL: <http://www.addgene.org/18722>

Proper Citation: RRID:Addgene_18722

Insert Name: Kusabira ; M-mCherry ; M-mEYFP ; M-mCerulean

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17972876](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:0; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Kanamycin

Comments: The Author's Map is a representative Brainbow 1.1 construct (M= membrane tethered). Please see attached PDF for important additional information.

Plasmid Name: CMV-Brainbow-1.1 M

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074403+0000

Ratings and Alerts

No rating or validation information has been found for CMV-Brainbow-1.1 M.

No alerts have been found for CMV-Brainbow-1.1 M.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Pontes-Quero S, et al. (2017) Dual ifgMosaic: A Versatile Method for Multispectral and Combinatorial Mosaic Gene-Function Analysis. *Cell*, 170(4), 800.

Egawa R, et al. (2013) Optogenetic probing and manipulation of the calyx-type presynaptic terminal in the embryonic chick ciliary ganglion. *PloS one*, 8(3), e59179.

Boulina M, et al. (2013) Live imaging of multicolor-labeled cells in *Drosophila*. *Development (Cambridge, England)*, 140(7), 1605.

Liang XH, et al. (2010) Estrogen regulates amiloride-binding protein 1 through CCAAT/enhancer-binding protein-beta in mouse uterus during embryo implantation and decidualization. *Endocrinology*, 151(10), 5007.