

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

hSyn-somBiPOLES-mCerulean

RRID:Addgene_154945

Type: Plasmid

Proper Citation

RRID:Addgene_154945

Plasmid Information

URL: <http://www.addgene.org/154945>

Proper Citation: RRID:Addgene_154945

Insert Name: somBiPOLES

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34312384](#)

Vector Backbone Description: Backbone Size:4359; Vector Backbone:pAAV2; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The insert contains the fluorescence tag mCerulean3 in between the 2 channelrhodopsins (C-terminal of GtACR2). Please note that the Addgene verified sequence identified differences in the 3' ITR sequence compared to the depositor's reference sequence. These differences do not affect plasmid function. These Please visit <https://www.biorxiv.org/content/10.1101/2020.07.15.204347v1> for bioRxiv preprint.

Plasmid Name: hSyn-somBiPOLES-mCerulean

Record Creation Time: 20220422T221849+0000

Record Last Update: 20260815T080756+0000

Ratings and Alerts

No rating or validation information has been found for hSyn-somBiPOLES-mCerulean.

No alerts have been found for hSyn-somBiPOLES-mCerulean.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.