

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pPB-CAG-Brainbow3.2-PGK-PuroTK

RRID:Addgene_159928

Type: Plasmid

Proper Citation

RRID:Addgene_159928

Plasmid Information

URL: <http://www.addgene.org/159928>

Proper Citation: RRID:Addgene_159928

Insert Name: NFPnls

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33453576](#)

Vector Backbone Description: Vector Backbone:pPB-MCSfwd; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The Brainbow3.2 cassette was derived from pThy1-Brainbow3.2 (<https://www.addgene.org/45179/>). Addgene QC identified several ambiguous bases in the backbone sequence that could not be resolved by standard NGS. These ambiguities are present in the backbone sequence and are not of concern for the function of the construct.

Plasmid Name: pPB-CAG-Brainbow3.2-PGK-PuroTK

Record Creation Time: 20220422T221905+0000

Record Last Update: 20260815T080833+0000

Ratings and Alerts

No rating or validation information has been found for pPB-CAG-Brainbow3.2-PGK-PuroTK.

No alerts have been found for pPB-CAG-Brainbow3.2-PGK-PuroTK.

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](#) .

Mendelsohn AI, et al. (2025) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. Cell reports, 44(4), 115454.

Mendelsohn AI, et al. (2024) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. bioRxiv : the preprint server for biology.