

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

pPK719

RRID:Addgene_38149

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/38149>

Proper Citation: RRID:Addgene_38149

Insert Name: cbr-unc-119::FRT*::galk::FRT*

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript KSII(+); Vector Types:Worm Expression, recombineering; Bacterial Resistance:Ampicillin

Comments: This plasmid carries a complementary cassette consisting of a genomic copy of the *C. briggsae* unc-119 gene and the selectable galk marker flanked by FRT* sites in the presumptive 3' UTR of the Cbr-unc-119 gene. The 3.6 kb Cbr-unc-119::FRT*::galk::FRT* cassette can be targeted by recombineering to insert between nts 281:282 in the pCC1FOS fosmid vector backbone. In other words, this cassette can be readily inserted in all fosmids contained in the *C. elegans* library developed by Don Moerman and colleagues. We have tested the construct in fosmid recombineering and have shown that it rescues unc-119(ed3) mutants.

Plasmid Name: pPK719

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260808T081614+0000

Ratings and Alerts

No rating or validation information has been found for pPK719.

No alerts have been found for pPK719.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Petratou D, et al. (2023) A proton-inhibited DEG/ENaC ion channel maintains neuronal ionstasis and promotes neuronal survival under stress. iScience, 26(7), 107117.