

# Resource Summary Report

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

## POPTOP

RRID:Addgene\_34848

Type: Plasmid

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### Proper Citation

RRID:Addgene\_34848

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### Plasmid Information

**URL:** <http://www.addgene.org/34848>

**Proper Citation:** RRID:Addgene\_34848

**Insert Name:** TCF binding sites

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:18724937](#)

**Vector Backbone Description:** Backbone Size:8000; Vector Backbone:pJIM20; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Comments:** Seven copies of the TCF binding site, AGATCAAAGG, were transferred from Super8XTOPflash (plasmid M50) (Veeman et al., 2003) into Fire lab vector L3135 to place them downstream of the pes-10 minimal promoter. The seven TCF sites and the pes-10 minimal promoter were amplified using forward primer AAGCTTGGTACCGAGCTCGG and reverse primer ATGCCTAGGCAATCAATGCCTGAAAGTTAAAAATTAC. The product was then cloned into mCherry plasmid (PJIM20) with let-858 3' UTR (kind gift from Jon Audhya) using sites SpeI and AvrII. There is a known sequence discrepancy between the depositor's and Addgene's sequence, which does not alter the function of this plasmid.

**Plasmid Name:** POPTOP

**Relevant Mutation:** The TCF binding site is: AGATCAAAGG

**Record Creation Time:** 20220422T222148+0000

**Record Last Update:** 20260815T081403+0000

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### Ratings and Alerts

No rating or validation information has been found for POPTOP.

No alerts have been found for POPTOP.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Murray JI, et al. (2022) The anterior Hox gene *ceh-13* and *elt-1*/GATA activate the posterior Hox genes *nob-1* and *php-3* to specify posterior lineages in the *C. elegans* embryo. PLoS genetics, 18(5), e1010187.

Zacharias AL, et al. (2015) Quantitative Differences in Nuclear  $\beta$ -catenin and TCF Pattern Embryonic Cells in *C. elegans*. PLoS genetics, 11(10), e1005585.