

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

sAJM.1506

RRID:Addgene_108254

Type: Plasmid

Proper Citation

RRID:Addgene_108254

Plasmid Information

URL: <http://www.addgene.org/108254>

Proper Citation: RRID:Addgene_108254

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:30478458](#)

Vector Backbone Description: Vector Backbone:N/A; Vector Types:; Bacterial Resistance:Chloramphenicol

Comments: The three new “Marionette” strains contain the Marionette cluster, which expresses 12 inducible transcription factors, from the genome. Plasmids pAJM.711, pAJM.712, pAJM.713, pAJM.714, pAJM.715, pAJM.717, pAJM.716, pAJM.718, pAJM.719, pAJM.1459, pAJM.721 are reporters for those 12 transcription factors. For examples: TetR is being expressed from the genome of the Marionette strains, and pAJM.717 has a promoter that is repressed by TetR (PTet*) driving YFP. pAJM.717 should not produce YFP, until the cell is exposed to anhydrotetracycline (aTc). Other plasmids from our laboratory encode both the reporter and the transcription factor, and should be used in a regular (non-Marionette) strain. For example: pAJM.011 expresses TetR and contains a PTet*-YFP reporter module. Please visit <https://www.biorxiv.org/content/early/2018/04/10/285866> for bioRxiv preprint.

Plasmid Name: sAJM.1506

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260815T080118+0000

Ratings and Alerts

No rating or validation information has been found for sAJM.1506.

No alerts have been found for sAJM.1506.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.