

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

[pEMF012](#)

RRID:Addgene_254853

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/254853>

Proper Citation: RRID:Addgene_254853

Insert Name: tetracycline efflux pump gene

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:42549571](#)

Vector Backbone Description: Backbone Size:3237; Vector Backbone:pK18msB (Addgene plasmid # 177839); Vector Types;; Bacterial Resistance:Tetracycline

Comments: Contains 750 bp homology arms flanking the phaCAB locus in the C. necator H16 genome to replace phaCAB with the tetA tetracycline resistance gene. Please see the annotated map in the Supplementary Documents section.

Plasmid Name: pEMF012

Record Creation Time: 20260819T041712+0000

Record Last Update: 20260819T041712+0000

Ratings and Alerts

No rating or validation information has been found for pEMF012.

No alerts have been found for pEMF012.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.