

Resource Summary Report

Generated by [kravitz2](#) on Aug 28, 2026

UQ6139

RRID:Addgene_37177

Type: Plasmid

Proper Citation

RRID:Addgene_37177

Plasmid Information

URL: <http://www.addgene.org/37177>

Proper Citation: RRID:Addgene_37177

Insert Name: coxM1?:lacZ reporter system with higher-affinity RcoM1 binding site at the "e" position AND RcoM1 with C-term 6xHIS

Organism: Burkholderia xenovorans

Bacterial Resistance: Ampicillin and Kanamycin

Vector Backbone Description: Vector Backbone:pUX3242 and pUX2410; Vector Types;; Bacterial Resistance:Ampicillin and Kanamycin

Comments: This is Roberts lab strain UQ5853 (Addgene #37159) containing Roberts lab plasmids pUX3242 (pUX2996 with a coxM1?:lacZ reporter system such that ...vector DNA – BamHI (unique site) – higher-affinity binding site at the “e” position (“e?” binding site = 5?-TCCTACAGTTCACGCACGT-3?) – coxM1?(with unique Sall site)::lacZ-> tfd - KanR (with 5?-end unique XhoI site) – vector DNA -SpR...) AND pUX2410 (for expression of Burkholderia xenovorans RcoM1 protein + C-terminal 6×His tag). The strain is CmR, pUX3242 is KanR and SpecR and pUX2410 is AmpR. Can be grown in Amp + Kan. For strain usage see attached pdf.

Plasmid Name: UQ6139

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081413+0000

Ratings and Alerts

No rating or validation information has been found for UQ6139.

No alerts have been found for UQ6139.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.