

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pMF440](#)

RRID:Addgene_62550

Type: Plasmid

Proper Citation

RRID:Addgene_62550

Plasmid Information

URL: <http://www.addgene.org/62550>

Proper Citation: RRID:Addgene_62550

Insert Name: mCherry

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Pharmacia; Vector Backbone:pKK233-2; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: See Nagant, et al. for an example of use of this plasmid (Microbiologyopen. 2013 Apr;2(2):318-25)

Plasmid Name: pMF440

Record Creation Time: 20220422T222358+0000

Record Last Update: 20260815T081754+0000

Ratings and Alerts

No rating or validation information has been found for pMF440.

No alerts have been found for pMF440.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Simkins JW, et al. (2019) Non-invasive imaging of oxygen concentration in a complex in vitro biofilm infection model using ¹⁹F MRI: Persistence of an oxygen sink despite prolonged antibiotic therapy. *Magnetic resonance in medicine*, 82(6), 2248.

Simkins JW, et al. (2018) Spatiotemporal mapping of oxygen in a microbially-impacted packed bed using ¹⁹F Nuclear magnetic resonance oximetry. *Journal of magnetic resonance (San Diego, Calif. : 1997)*, 293, 123.

Martínez E, et al. (2016) Oxylipins produced by *Pseudomonas aeruginosa* promote biofilm formation and virulence. *Nature communications*, 7, 13823.