

Resource Summary Report

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

[pQacR-Q2](#)

RRID:Addgene_74690

Type: Plasmid

Proper Citation

RRID:Addgene_74690

Plasmid Information

URL: <http://www.addgene.org/74690>

Proper Citation: RRID:Addgene_74690

Insert Name: PTac-RBSQ2-QacR-PQacR-YFP

Organism: E. coli

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27034378](#)

Vector Backbone Description: Backbone Marker:Alec Nielsen; Backbone Size:3930; Vector Backbone:pAN801; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pQacR-Q2

Record Creation Time: 20220422T222455+0000

Record Last Update: 20260815T081939+0000

Ratings and Alerts

No rating or validation information has been found for pQacR-Q2.

No alerts have been found for pQacR-Q2.

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](#) .

Pham C, et al. (2024) Computation-guided transcription factor biosensor specificity engineering for adipic acid detection. Computational and structural biotechnology journal, 23, 2211.

Nasr MA, et al. (2023) Divergent directed evolution of a TetR-type repressor towards aromatic molecules. Nucleic acids research, 51(14), 7675.

Nasr MA, et al. (2022) A Versatile Transcription Factor Biosensor System Responsive to Multiple Aromatic and Indole Inducers. ACS synthetic biology, 11(4), 1692.