

Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

pRSET FLIPE-600n

RRID:Addgene_13537

Type: Plasmid

Proper Citation

RRID:Addgene_13537

Plasmid Information

URL: <http://www.addgene.org/13537>

Proper Citation: RRID:Addgene_13537

Insert Name: FLIP-E WT

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15939876](#)

Vector Backbone Description: Backbone Size:2897; Vector Backbone:pRSET-B; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: For more information, see <http://carnegiedpb.stanford.edu/research/frommer/nanosensors/index.html>

Plasmid Name: pRSET FLIPE-600n

Record Creation Time: 20220422T221746+0000

Record Last Update: 20260905T074807+0000

Ratings and Alerts

No rating or validation information has been found for pRSET FLIPE-600n.

No alerts have been found for pRSET FLIPE-600n.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Vongsouthi V, et al. (2021) A Rationally and Computationally Designed Fluorescent Biosensor for d-Serine. ACS sensors, 6(11), 4193.

Henneberger C, et al. (2020) LTP Induction Boosts Glutamate Spillover by Driving Withdrawal of Perisynaptic Astroglia. Neuron, 108(5), 919.

Helassa N, et al. (2018) Ultrafast glutamate sensors resolve high-frequency release at Schaffer collateral synapses. Proceedings of the National Academy of Sciences of the United States of America, 115(21), 5594.

Clifton BE, et al. (2017) Ancestral Protein Reconstruction and Circular Permutation for Improving the Stability and Dynamic Range of FRET Sensors. Methods in molecular biology (Clifton, N.J.), 1596, 71.

Whitfield JH, et al. (2015) Construction of a robust and sensitive arginine biosensor through ancestral protein reconstruction. Protein science : a publication of the Protein Society, 24(9), 1412.