

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

US0hisB-pyrF-

RRID:Addgene_12614

Type: Plasmid

Proper Citation

RRID:Addgene_12614

Plasmid Information

URL: <http://www.addgene.org/12614>

Proper Citation: RRID:Addgene_12614

Insert Name: Bacteria hybrid selection strain

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:16041365](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:XL-1 blue F' episome; Vector Types:Bacterial Expression; Bacterial Resistance:Tetracycline

Comments: This strain has a deletion in both the hisB and pyrF genes (the bacterial homologs of HIS3 and URA3) and it contains a F' episome bearing the lacI^q repressor.

Plasmid Name: US0hisB-pyrF-

Record Creation Time: 20220422T221701+0000

Record Last Update: 20260808T080659+0000

Ratings and Alerts

No rating or validation information has been found for US0hisB-pyrF-.

No alerts have been found for US0hisB-pyrF-.

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 [SPARC SAWG](#) .

Spencer JM, et al. (2017) Deep mutational scanning of *S. pyogenes* Cas9 reveals important functional domains. *Scientific reports*, 7(1), 16836.

Liu WX, et al. (2013) Arabidopsis Di19 functions as a transcription factor and modulates PR1, PR2, and PR5 expression in response to drought stress. *Molecular plant*, 6(5), 1487.

Huang XY, et al. (2009) A previously unknown zinc finger protein, DST, regulates drought and salt tolerance in rice via stomatal aperture control. *Genes & development*, 23(15), 1805.