

Resource Summary Report

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pJRL2 PHO5(UASm1)pr VYFP (EB#1549)

RRID:Addgene_14841

Type: Plasmid

Proper Citation

RRID:Addgene_14841

Plasmid Information

URL: <http://www.addgene.org/14841>

Proper Citation: RRID:Addgene_14841

Insert Name: PHO5 promoter UASm1

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15166317](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pJRL2; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: pJRL2 is a yeast chromosomal integration vector that replaces the LEU2 chromosomal locus by homologous recombination. pJRL2 was constructed by insertion of the 200 bp upstream of the LEU2 start codon, an Asc I restriction enzyme site, the 200 bp downstream of the LEU2 stop codon and a 5.5 kb hisG::URA3::kanR::hisG cassette into pBluescript. The construct contains 1000 bp of promoter sequence, from the nucleotide immediately upstream of the start codon, followed by six base-pairs of idealized Kozak sequence AACAAA for optimal translational initiation, the coding sequence of the appropriate fluorophore (yECFP or yVYFP) and the 500 bp 3' to the stop codon of ACT1 in the pJRL2 integrating vector.

Plasmid Name: pJRL2 PHO5(UASm1)pr VYFP (EB#1549)

Relevant Mutation: UASm1 (AAGCTT was substituted for CACGTT). Uninducible promoter. See Steger DJ et al Science 299(5603)114-116.

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260815T080709+0000

Ratings and Alerts

No rating or validation information has been found for pJRL2 PHO5(UASm1)pr VYFP (EB#1549).

No alerts have been found for pJRL2 PHO5(UASm1)pr VYFP (EB#1549).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.