

Resource Summary Report

Generated by PRECISE-TBI on Aug 31, 2026

pFGL820

RRID:Addgene_58221

Type: Plasmid

Proper Citation

RRID:Addgene_58221

Plasmid Information

URL: <http://www.addgene.org/58221>

Proper Citation: RRID:Addgene_58221

Insert Name: ILV2

Organism: Magnaporthe grisea

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:pFGL815; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Reference: Sweigard J, Chumley F, Carroll A, Farrall L, Valent B (1997) A series of vectors for fungal transformation. Fungal Genet Newsl 44: 52-53 Please note that the actual sequence of the SUR gene in this plasmid differs from the Genbank reference sequence AF013601 by a G120V mutation in the ILV2 locus. G120V does not contribute to the sulfonyl urea resistance per se.

Plasmid Name: pFGL820

Record Creation Time: 20220422T222337+0000

Record Last Update: 20260829T080748+0000

Ratings and Alerts

No rating or validation information has been found for pFGL820.

No alerts have been found for pFGL820.

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 [PRECISE-TBI](#) .

Shi H, et al. (2024) MoAti1 mediates mitophagy by facilitating recruitment of MoAtg8 to promote invasive growth in *Magnaporthe oryzae*. *Molecular plant pathology*, 25(3), e13439.

Meng S, et al. (2022) MoWhi2 Mediates Mitophagy to Regulate Conidiation and Pathogenesis in *Magnaporthe oryzae*. *International journal of molecular sciences*, 23(10).

Kou Y, et al. (2019) Mitochondrial dynamics and mitophagy are necessary for proper invasive growth in rice blast. *Molecular plant pathology*, 20(8), 1147.