

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## pFGL820

RRID:Addgene\_58221

Type: Plasmid

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### Proper Citation

RRID:Addgene\_58221

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### 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:** 20260815T081714+0000

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### Ratings and Alerts

No rating or validation information has been found for pFGL820.

No alerts have been found for pFGL820.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

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.