

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pYPQ166-iSpyMac

RRID:Addgene_149553

Type: Plasmid

Proper Citation

RRID:Addgene_149553

Plasmid Information

URL: <http://www.addgene.org/149553>

Proper Citation: RRID:Addgene_149553

Insert Name: iSpyMacCas9

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:33898973](#)

Vector Backbone Description: Vector Backbone:pYPQ165; Vector Types:Plant Expression, CRISPR, Gateway compatible ziSpyMacCas9 entry clone; Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ166-iSpyMac

Relevant Mutation: R221K, N394K, Protospacer interacting domain form Streptococcus macacae

Record Creation Time: 20220422T221830+0000

Record Last Update: 20260725T074007+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ166-iSpyMac.

No alerts have been found for pYPQ166-iSpyMac.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sretenovic S, et al. (2021) Expanding plant genome-editing scope by an engineered iSpyMacCas9 system that targets A-rich PAM sequences. Plant communications, 2(2), 100101.