

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pRRLNeo-pEF1a-p53ashL344P-mKate2-splitmVenusN

RRID:Addgene_69586

Type: Plasmid

Proper Citation

RRID:Addgene_69586

Plasmid Information

URL: <http://www.addgene.org/69586>

Proper Citation: RRID:Addgene_69586

Insert Name: p53-L344P

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25344068](#)

Vector Backbone Description: Backbone Size:7429; Vector Backbone:pRRL; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: This mutant will not dimerize nor tetramerize. This p53 is tagged with the N-term of a split mVenus. The silent mutations prevent targeting by shRNA p53 published in Brummelkamp et al Science. 2002;296:550–3.

Plasmid Name: pRRLNeo-pEF1a-p53ashL344P-mKate2-splitmVenusN

Relevant Mutation: p53 L344P mutation that prevents dimerization and tetramerization and 7 silent mutations in p53 DNA to prevent targeting by shRNA at positions C777T, T778A, C779G, A781T, G782C, T786A, T789C

Record Creation Time: 20220422T222431+0000

Record Last Update: 20260902T050022+0000

Ratings and Alerts

No rating or validation information has been found for pRRLNeo-pEF1a-p53ashL344P-mKate2-splitmVenusN.

No alerts have been found for pRRLNeo-pEF1a-p53ashL344P-mKate2-splitmVenusN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.