

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[myc-NLRC5](#)

RRID:Addgene_37509
Type: Plasmid

Proper Citation

RRID:Addgene_37509

Plasmid Information

URL: <http://www.addgene.org/37509>

Proper Citation: RRID:Addgene_37509

Insert Name: NLRC5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22490867](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: myc-NLRC5

Record Creation Time: 20220422T222158+0000

Record Last Update: 20260815T081415+0000

Ratings and Alerts

No rating or validation information has been found for myc-NLRC5.

No alerts have been found for myc-NLRC5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Cui Y, et al. (2025) IFITM3 enhances immunosensitivity via MHC-I regulation and is associated with the efficacy of anti-PD-1/-L1 therapy in SCLC. *Molecular cancer*, 24(1), 187.

Adcox HE, et al. (2024) Orientia tsutsugamushi Ank5 promotes NLRC5 cytoplasmic retention and degradation to inhibit MHC class I expression. *Nature communications*, 15(1), 8069.

Dennison TW, et al. (2024) Patient-derived organoid biobank identifies epigenetic dysregulation of intestinal epithelial MHC-I as a novel mechanism in severe Crohn's Disease. *Gut*, 73(9), 1464.

Sundaram B, et al. (2024) NLRC5 senses NAD⁺ depletion, forming a PANoptosome and driving PANoptosis and inflammation. *Cell*, 187(15), 4061.

Xu X, et al. (2021) The subcellular redistribution of NLRC5 promotes angiogenesis via interacting with STAT3 in endothelial cells. *Theranostics*, 11(9), 4483.