# Resource Summary Report

Generated by RRID on Aug 27, 2026

## Hs.HRAS Q61L

RRID:Addgene_83186
Type: Plasmid

### Proper Citation

RRID:Addgene_83186

### Plasmid Information

**URL:** http://www.addgene.org/83186

**Proper Citation:** RRID:Addgene_83186

**Insert Name:** HRAS

**Organism:** Homo sapiens

**Bacterial Resistance:** Spectinomycin

**Vector Backbone Description:** Backbone Size:2693; Vector Backbone:pDonor-255; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

**Plasmid Name:** Hs.HRAS Q61L

**Relevant Mutation:** Q61L

**Record Creation Time:** 20220422T222538+0000

**Record Last Update:** 20260815T082105+0000

### Ratings and Alerts

No rating or validation information has been found for Hs.HRAS Q61L.

No alerts have been found for Hs.HRAS Q61L.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .

Long C, et al. (2022) Overcoming chemoresistance in glioblastoma by fluvastatin via prenylation-dependent inhibition of Ras signaling. Human & experimental toxicology, 41, 9603271221125934.

Wan W, et al. (2022) Isoprenylcysteine carboxyl methyltransferase is critical for glioblastoma growth and survival by activating Ras/Raf/Mek/Erk. Cancer chemotherapy and pharmacology, 89(3), 401.

Dai S, et al. (2021) Fentanyl inhibits acute myeloid leukemia differentiated cells and committed progenitors via opioid receptor-independent suppression of Ras and STAT5 pathways. Fundamental & clinical pharmacology, 35(1), 174.

Lu H, et al. (2021) Overriding sorafenib resistance via blocking lipid metabolism and Ras by sphingomyelin synthase 1 inhibition in hepatocellular carcinoma. Cancer chemotherapy and pharmacology, 87(2), 217.

Zheng Q, et al. (2020) Cytotoxicity of amide-linked local anesthetics on melanoma cells via inhibition of Ras and RhoA signaling independent of sodium channel blockade. BMC anesthesiology, 20(1), 43.

Zhu Y, et al. (2019) Isoprenylcysteine carboxylmethyltransferase is associated with nasopharyngeal carcinoma chemoresistance and Ras activation. Biochemical and biophysical research communications, 516(3), 784.

Wang C, et al. (2019) Prenylation-dependent Ras inhibition by pamidronate inhibits pediatric acute myeloid leukemia stem and differentiated cell growth and survival. Biochemical and biophysical research communications, 517(3), 439.

Liu Q, et al. (2018) Isoprenylcysteine carboxylmethyltransferase regulates ovarian cancer cell response to chemotherapy and Ras activation. Biochemical and biophysical research communications, 501(2), 556.

Pan Q, et al. (2018) Inhibition of isoprenylcysteine carboxylmethyltransferase sensitizes common chemotherapies in cervical cancer via Ras-dependent pathway. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 99, 169.