Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pCINeo-myc-Itch/2859

RRID:Addgene_11427
Type: Plasmid

Proper Citation

RRID:Addgene_11427

Plasmid Information

URL: http://www.addgene.org/11427

Proper Citation: RRID:Addgene_11427

Insert Name: Itch

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:12907674

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5400; Vector Backbone:pCI-Neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid contains ~1kb of 3' UTR of the mouse Itch gene.

Plasmid Name: pCINeo-myc-Itch/2859

Relevant Mutation: n/a

Record Creation Time: 20220422T221558+0000

Record Last Update: 20260808T080507+0000

Ratings and Alerts

No rating or validation information has been found for pCINeo-myc-Itch/2859.

No alerts have been found for pCINeo-myc-Itch/2859.

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 nidm-terms .

Shanmugam SK, et al. (2025) Decoding polyubiquitin regulation of KV7. 1 (KCNQ1) surface expression with engineered linkage-selective deubiquitinases. Nature communications, 16(1), 5805.

Peng M, et al. (2024) p27 specifically decreases in squamous carcinoma, and mediates NNK-induced transformation of human bronchial epithelial cells. Journal of cellular and molecular medicine, 28(15), e18577.

Yin Q, et al. (2019) K27-linked ubiquitination of BRAF by ITCH engages cytokine response to maintain MEK-ERK signaling. Nature communications, 10(1), 1870.

Nguyen HT, et al. (2017) DUB3 Deubiquitylating Enzymes Regulate Hippo Pathway Activity by Regulating the Stability of ITCH, LATS and AMOT Proteins. PloS one, 12(1), e0169587.

Park SH, et al. (2015) Itch E3 ubiquitin ligase positively regulates TGF-? signaling to EMT via Smad7 ubiquitination. Molecules and cells, 38(1), 20.

Chhangani D, et al. (2014) Ubiquitin ligase ITCH recruitment suppresses the aggregation and cellular toxicity of cytoplasmic misfolded proteins. Scientific reports, 4, 5077.

Pérez-Mancera PA, et al. (2012) The deubiquitinase USP9X suppresses pancreatic ductal adenocarcinoma. Nature, 486(7402), 266.

Moreno-García ME, et al. (2010) MAGUK-controlled ubiquitination of CARMA1 modulates lymphocyte NF-kappaB activity. Molecular and cellular biology, 30(4), 922.

Ahn YH, et al. (2009) MKK4/SEK1 is negatively regulated through a feedback loop involving the E3 ubiquitin ligase itch. The Journal of biological chemistry, 284(43), 29399.