

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

Bassik lab Human CRISPR-Cas9 Deletion Library - Trafficking, mitochondrial, motility

RRID:Addgene_101931

Type: Plasmid

Proper Citation

RRID:Addgene_101931

Plasmid Information

URL: <http://www.addgene.org/101931>

Proper Citation: RRID:Addgene_101931

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28474669](#)

Vector Backbone Description: Backbone Marker:Bassik lab (Addgene Plasmid #89359); Vector Backbone:pMCB320; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: Bassik lab Human CRISPR-Cas9 Deletion Library - Trafficking, mitochondrial, motility

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260808T080315+0000

Ratings and Alerts

No rating or validation information has been found for Bassik lab Human CRISPR-Cas9 Deletion Library - Trafficking, mitochondrial, motility.

No alerts have been found for Bassik lab Human CRISPR-Cas9 Deletion Library - Trafficking, mitochondrial, motility.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Deol KK, et al. (2026) Vitamin B2 metabolism promotes FSP1 stability to prevent ferroptosis. Nature structural & molecular biology, 33(3), 525.

Haney MS, et al. (2024) APOE4/4 is linked to damaging lipid droplets in Alzheimer's disease??microglia. Nature, 628(8006), 154.

Mathiowetz AJ, et al. (2023) Protocol for performing pooled CRISPR-Cas9 loss-of-function screens. STAR protocols, 4(2), 102201.

Wit N, et al. (2023) A histone deacetylase 3 and mitochondrial complex I axis regulates toxic formaldehyde production. Science advances, 9(20), eadg2235.

Yoshinaga M, et al. (2022) The N6-methyladenosine methyltransferase METTL16 enables erythropoiesis through safeguarding genome integrity. Nature communications, 13(1), 6435.

Morris SNS, et al. (2022) A genome-wide CRISPR screen implicates plasma membrane asymmetry in exogenous C6-ceramide toxicity. Biology open, 11(12).

Gaidt MM, et al. (2021) Self-guarding of MORC3 enables virulence factor-triggered immunity. Nature, 600(7887), 138.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.