

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

PINK1 gRNA (BRDN0001144744)

RRID:Addgene_78038

Type: Plasmid

Proper Citation

RRID:Addgene_78038

Plasmid Information

URL: <http://www.addgene.org/78038>

Proper Citation: RRID:Addgene_78038

Insert Name: PINK1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26780180](#)

Vector Backbone Description: Backbone Marker:Zhang Lab (Addgene plasmid # 52963); Vector Backbone:lentiGuide-Puro; Vector Types:Mammalian Expression, Lentiviral, CRISPR; Bacterial Resistance:Ampicillin

Comments: The gRNA was designed to target the following Genbank reference sequence(s): NM_032409.2. Note that this plasmid does NOT contain Cas9. It should be used in conjunction with lentiCas9-Blast (Addgene #52962) or otherwise with cell lines already expressing Cas9. Browse the full kinome gRNA library at <http://www.addgene.org/pooled-library/broadgpp-human-kinome/> or visit <http://www.broadinstitute.org/rnai/public/> for detailed protocols and information.

Plasmid Name: PINK1 gRNA (BRDN0001144744)

Record Creation Time: 20220422T222514+0000

Record Last Update: 20260815T082020+0000

Ratings and Alerts

No rating or validation information has been found for PINK1 gRNA (BRDN0001144744).

No alerts have been found for PINK1 gRNA (BRDN0001144744).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chen C, et al. (2025) Elevated ubiquitin phosphorylation by PINK1 contributes to proteasomal impairment and promotes neurodegeneration. eLife, 14.