

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

JAK2 gRNA (BRDN0001149125)

RRID:Addgene_75728

Type: Plasmid

Proper Citation

RRID:Addgene_75728

Plasmid Information

URL: <http://www.addgene.org/75728>

Proper Citation: RRID:Addgene_75728

Insert Name: JAK2

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_004972.3. 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: JAK2 gRNA (BRDN0001149125)

Record Creation Time: 20220422T222500+0000

Record Last Update: 20260902T050142+0000

Ratings and Alerts

No rating or validation information has been found for JAK2 gRNA (BRDN0001149125).

No alerts have been found for JAK2 gRNA (BRDN0001149125).

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 [dkNET](#) .

Avinery L, et al. (2026) Hypoxic conditions confer chemoresistance to crizotinib but not to imatinib in chronic myeloid leukemia cells. Hematology, transfusion and cell therapy, 48(2), 106240.