Resource Summary Report

Generated by Kravitz on Sep 10, 2026

CRISPick

RRID:SCR_025148
Type: Tool

Proper Citation

CRISPick (RRID:SCR_025148)

Resource Information

URL: https://portals.broadinstitute.org/gppx/crispick/public

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Description: Web tool for prediction of sgRNAs. Helps to select optimal guide RNA for gene of interest. Support for designing guide libraries. CRISPick ranks and picks candidate CRISPRko sgRNA sequences for targets provided, while attempting to maximize on-target activity and minimizing off-target activity.

Resource Type: data access protocol, software resource, web service

Keywords: sgRNAs prediction, RNA, gene of interest, pick candidate sequences, CRISPRko/a/i sgRNA sequences, maximize on target activity,

Availability: Free, Freely available

Resource Name: CRISPick

Resource ID: SCR_025148

Record Creation Time: 20240327T053241+0000

Record Last Update: 20260905T133451+0000

Ratings and Alerts

No rating or validation information has been found for CRISPick.

No alerts have been found for CRISPick.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 185 mentions in open access literature.

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

Gong D, et al. (2026) GLIS3 marks a neural-like progenitor cell state that drives metastasis in pancreatic ductal adenocarcinoma. Cell reports, 45(5), 117314.

Misceo D, et al. (2026) CRISPR Activation Reveals the Spliceogenicity of an Intronic NEB Variant in Fetuses With Arthrogryposis Multiplex Congenita 6. Clinical genetics, 109(4), 772.

Tanimoto S, et al. (2026) DAXX promotes SUMOylation of chromatin-trapped DNMT1. Journal of biochemistry, 179(5), 363.

Abbott KL, et al. (2026) Nutrient requirements of organ-specific metastasis in breast cancer. Nature, 649(8099), 1292.

Sun D, et al. (2026) In vivo interrogation of transcriptional and epigenetic regulators of lung epithelial regeneration. bioRxiv : the preprint server for biology.

Mazur CM, et al. (2026) Genome-wide CRISPR interference screen identifies Clip2 as a novel regulator of osteocyte maturation and morphology. The Journal of biological chemistry, 302(6), 113075.

Chen Z, et al. (2026) GFER Represents a Target for Dual Disruption of Redox Homeostasis and Reactivation of the Immune Response in Pancreatic Adenocarcinoma. Cancer research, 86(5), 1132.

Bi M, et al. (2026) DADA Enhances CD8+ T Cell Stemness to Improve Anti-Tumor Immunity and Immunotherapy Efficacy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(26), e19765.

Choi AY, et al. (2026) A novel anti-CD20, concabody, enhances immunotherapy efficacy by targeting MPZL1 and augmenting antibody-induced cell death. Frontiers in oncology, 16, 1748576.

Zhang J, et al. (2026) A community machine learning challenge to predict the effects of gene perturbations on T cell differentiation for cancer immunotherapy. bioRxiv : the preprint server for biology.

Roberts C, et al. (2026) Quantitative dissection of the metastatic cascade at single colony resolution. bioRxiv : the preprint server for biology.

Freitas-Filho EG, et al. (2026) RAB5c orchestrates LC3-associated phagocytosis to promote microbicidal function of macrophages. Science advances, 12(19), eadz0196.

Kim YJ, et al. (2026) VPS26A retromer complex and SNX27 mediate stress-induced Golgi bypass of membrane proteins. Nature communications, 17(1).

Jin D, et al. (2026) Systematic Engineering of Proteases in Saccharopolyspora Spinosa Reveals Synergistic Enhancement of Spinosad Biosynthesis via Substrate Flux Optimization. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(20), e22638.

Padureanu T, et al. (2026) Gene-sized editing for the therapy of genetic diseases. Functional & integrative genomics, 26(1).

Jiang N, et al. (2026) RRM1 inhibition sensitizes lung adenocarcinoma to decitabine treatment. Cell death & disease, 17(1).

Green NFO, et al. (2026) CRISPRi screening in cultured human astrocytes uncovers distal enhancers controlling genes dysregulated in Alzheimer's disease. Nature neuroscience, 29(3), 703.

Xiao HT, et al. (2026) GCN5 drives MASLD progression through LXR??/SREBP1c signaling pathway-mediated de novo lipogenesis. Nature communications, 17(1).

Nag D, et al. (2026) A single mycobacterial ligand organizes multi-receptor signaling to reprogram macrophage lipid metabolism. bioRxiv : the preprint server for biology.

Chen J, et al. (2026) Neural Circuits between Nodose Ganglion and Pulmonary Neuroendocrine Cells Regulate Lung Inflammatory Responses. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(12), e07512.