

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

BLOCK-iT RNAi Designer

RRID:SCR_002794

Type: Tool

Proper Citation

BLOCK-iT RNAi Designer (RRID:SCR_002794)

Resource Information

URL: <https://rnaidesigner.lifetechnologies.com/rnaiexpress/>

Proper Citation: BLOCK-iT RNAi Designer (RRID:SCR_002794)

Description: A free tool to design effective RNAi molecules that includes the following target design options: Stealth RNAi siRNA, siRNA, miR RNAi, shRNA, siRNA to Stealth RNAi siRNA, and siRNA to shRNA.

Abbreviations: BLOCK-iT RNAi Designer

Resource Type: analysis service resource, commercial organization, data analysis service, production service resource, service resource

Keywords: rna, design, sirna, blast, molecule, rna design

Availability: Free, Freely Available

Resource Name: BLOCK-iT RNAi Designer

Resource ID: SCR_002794

Alternate IDs: rid_000099

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260905T132453+0000

Ratings and Alerts

No rating or validation information has been found for BLOCK-iT RNAi Designer.

No alerts have been found for BLOCK-iT RNAi Designer.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hayashi Y, et al. (2025) Glial cells missing 1 triggers gliosis and angiogenesis after neonatal brain injury. *iScience*, 28(11), 113860.

Chen ZL, et al. (2024) Inundative practice for screening siRNA management candidates against a notorious predatory beetle using olfactory silencing. *International journal of biological macromolecules*, 254(Pt 1), 127505.

Tang R, et al. (2024) Tandemly expanded OR17b in Himalaya ghost moth facilitates larval food allocation via olfactory reception of plant-derived tricosane. *International journal of biological macromolecules*, 268(Pt 1), 131503.

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. *Neuron*, 109(2), 299.

Gorji-Bahri G, et al. (2021) RAB5A is associated with genes involved in exosome secretion: Integration of bioinformatics analysis and experimental validation. *Journal of cellular biochemistry*, 122(3-4), 425.

He S, et al. (2018) HMG-box transcription factor 1: a positive regulator of the G1/S transition through the Cyclin-CDK-CDKI molecular network in nasopharyngeal carcinoma. *Cell death & disease*, 9(2), 100.

Marchesini MI, et al. (2016) A T4SS Effector Targets Host Cell Alpha-Enolase Contributing to *Brucella abortus* Intracellular Lifestyle. *Frontiers in cellular and infection microbiology*, 6, 153.

Shatizadeh Malekshahi S, et al. (2016) Potential siRNA Molecules for Nucleoprotein and M2/L Overlapping Region of Respiratory Syncytial Virus: In Silico Design. *Jundishapur journal of microbiology*, 9(4), e34304.

Konopacka A, et al. (2015) RNA binding protein Caprin-2 is a pivotal regulator of the central osmotic defense response. *eLife*, 4.

Kanai Y, et al. (2014) KIF13B enhances the endocytosis of LRP1 by recruiting LRP1 to caveolae. *The Journal of cell biology*, 204(3), 395.