# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

## siRecords

RRID:SCR_007928
Type: Tool

### Proper Citation

siRecords (RRID:SCR_007928)

### Resource Information

**URL:** http://sirecords.umn.edu/siRecords/

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**Description:** On this site, you can search siRNA records, design siRNAs, or submit siRNA records resulting from your own study (requires register/login). Small interfering RNAs (siRNAs) are a class of 20-25 nucleotide-long double-stranded RNAs, and they are widely used as gene knock-down tool in molecular genetics, functional genomics, and drug discovery studies. However, despite numerous efforts, the design of potent siRNA remains inadequate. Design rules resulting from different studies often disagree with each other, and are often unsatisfactory. Typically, only about 75-80% siRNAs designed based on current rules result in >50% knock-down efficacy. Observing these difficulties, we have established this database of experimentally validated mammalian siRNAs with efficacy ratings. As of August 18, 2008, 17,192 records of experimentally validated siRNAs, targeting 5,086 genes, originated from 6,122 independent studies are hosted in siRecords.

**Synonyms:** siRecords

**Resource Type:** database, data or information resource

**Funding:**

**Resource Name:** siRecords

**Resource ID:** SCR_007928

**Record Creation Time:** 20220129T080244+0000

**Record Last Update:** 20250412T055222+0000

## Ratings and Alerts

No rating or validation information has been found for siRecords.

No alerts have been found for siRecords.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Giulietti M, et al. (2018) To accelerate the Zika beat: Candidate design for RNA interference-based therapy. Virus research, 255, 133.