

Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

[siRNAdb](#)

RRID:SCR_007929

Type: Tool

Proper Citation

siRNAdb (RRID:SCR_007929)

Resource Information

URL: <http://sirna.cgb.ki.se>

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Description: This is a site with links to several siRNA services, including siRNA base sequence searches, specificity searches, known siRNA molecule searches, and target sequences. One of the sites, called siSVM, allows users to predict efficacy of siRNAs given their base sequence using features derived from the siRNA sequence. siSVM is designed to allow common methods of siRNA design to be included in the search. This includes motif rules, energy conditions and specificity searching. The second site it links to, siRNA specificity prediction, allows users to perform a specificity search for siRNAs to avoid off-target effects. SpecificityServer is designed to help you identify potential non-specific matches to your siRNA. It incorporates the latest information about non-specific matches (sequence-specific only). The third site it links to, siRNAdb, is a database of known siRNA molecules. It provides a list of sirnaID, target, geneID, geneAcc, TargetStart, and targetEnd. Category: RNA sequence databases

Synonyms: siRNAdb

Resource Type: data or information resource, database

Resource Name: siRNAdb

Resource ID: SCR_007929

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260804T043335+0000

Ratings and Alerts

No rating or validation information has been found for siRNAdb.

No alerts have been found for siRNAdb.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zuo Q, et al. (2025) Co-targeting of metabolism using dietary and pharmacologic approaches reduces breast cancer metastatic burden. NPJ breast cancer, 11(1), 3.

Kajal M, et al. (2017) Small RNA profiling for identification of miRNAs involved in regulation of saponins biosynthesis in *Chlorophytum borivillanum*. BMC plant biology, 17(1), 265.

Yuan T, et al. (2016) Plasma extracellular RNA profiles in healthy and cancer patients. Scientific reports, 6, 19413.

Schulte JH, et al. (2008) Expression of the TrkA or TrkB receptor tyrosine kinase alters the double-strand break (DSB) repair capacity of SY5Y neuroblastoma cells. DNA repair, 7(10), 1757.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.