

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation

RRID:SCR_007553

Type: Tool

Proper Citation

ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation (RRID:SCR_007553)

Resource Information

URL: <http://zmf.umm.uni-heidelberg.de/apps/zmf/argonaute/single.php>

Proper Citation: ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation (RRID:SCR_007553)

Description: A database is a of mammalian miRNAs and their known or predicted regulatory targets. It provides information on origin of miRNAs, tissue specificity of their expressions and their known or proposed functions, their potential target genes as well as data on miRNA families based on their co-expression and proteins known to be involved in miRNA processing. This database also contains three other navigation tools that can be used to find information relating to miRNA: 1.) Gene Annotations is an information retrieval system for miRNA target genes. It provides comprehensive information from sequence databases and allows to simultaneously search PubMed with all synonyms of a given gene. 2.) miRNA Motif Finder - Argonaute predicts miRNA motifs binding to the gene sequence of the user. The miRNA mature sequences are taken from Agronaute 2 database. miRNA Motif Finder - Custom predicts miRNA motifs binding to the gene sequence, both the gene sequence and miRNA mature sequences provided by the user. 3.) miRNA Statistics provides statistics for the mature miRNA sequences from Argonaute 2 as well as for the miRNA sequences uploaded by the user. It provides statitics on the individual nucleotide as well as pattern of nucleotides apperaing in the sequence.

Synonyms: ARGONAUTE

Resource Type: data computation service, data or information resource, database

Keywords: gene, metabolic and signaling pathways, mirna, protein-protein interaction, rna sequence database

Funding: Deutsche Forschungsgemein ;
Federal Ministry of Research and Education

Resource Name: ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation

Resource ID: SCR_007553

Alternate IDs: nif-0000-02567

Old URLs: <http://argonaute.uni-hd.de>

Record Creation Time: 20220129T080242+0000

Record Last Update: 20260903T234941+0000

Ratings and Alerts

No rating or validation information has been found for ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation.

No alerts have been found for ARGONAUTE 2 - A database on mammalian microRNAs and their function in gene and pathway regulation.

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 [kravitz2](#) .

Rajasekhar VK, et al. (2011) Tumour-initiating stem-like cells in human prostate cancer exhibit increased NF- κ B signalling. Nature communications, 2, 162.