

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 12, 2026

RegRNA

RRID:SCR_013207

Type: Tool

Proper Citation

RegRNA (RRID:SCR_013207)

Resource Information

URL: <http://regrna2.mbc.nctu.edu.tw/>

Proper Citation: RegRNA (RRID:SCR_013207)

Description: An integrated web server for identifying functional RNA motifs in an input RNA sequence.

Abbreviations: RegRNA

Synonyms: RegRNA2.0 ? an integrated web server for identifying functional RNA motifs and sites, RegRNA2.0, RegRNA 2.0

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

Defining Citation: [PMID:23369107](#)

Resource Name: RegRNA

Resource ID: SCR_013207

Alternate IDs: OMICS_00415

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260912T200210+0000

Ratings and Alerts

No rating or validation information has been found for RegRNA.

No alerts have been found for RegRNA.

Data and Source Information

Usage and Citation Metrics

We found 181 mentions in open access literature.

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

Liu L, et al. (2026) Blast Resistance Gene Pish Derived Reprogramming of Noncoding RNAs in Rice. Rice (New York, N.Y.), 19(1).

Zhang X, et al. (2026) RNA-binding protein Rbm38 as a multifaceted post-transcriptional regulator in zebrafish pancreatic development. Journal of molecular cell biology, 17(6).

Huang Y, et al. (2025) RegRNA 3.0: expanding regulatory RNA analysis with new features for motif, interaction, and annotation. Nucleic acids research, 53(W1), W485.

Zhang J, et al. (2025) Engineered EVs from LncEEF1G - overexpressing MSCs promote fibrotic liver regeneration by upregulating HGF release from hepatic stellate cells. Experimental & molecular medicine, 57(3), 584.

Li S, et al. (2024) Curcumin alleviates Aflatoxin B1-triggered chicken liver necroptosis by targeting the LOC769044/miR-1679/STAT1 axis. Poultry science, 103(8), 103883.

Sun Y, et al. (2024) hsa_circ_0020093 suppresses ovarian cancer progression by modulating LRPPRC activity and miR-107/LATS2 signaling. Biology direct, 19(1), 69.

Xu C, et al. (2024) CircFgr2 promotes osteogenic differentiation of rat dental follicle cells by targeting the miR-133a-3p/DLX3 signaling pathway. Heliyon, 10(11), e32498.

Zheng J, et al. (2023) CircFOXK2 promotes hepatocellular carcinoma progression and leads to a poor clinical prognosis via regulating the Warburg effect. Journal of experimental & clinical cancer research : CR, 42(1), 63.

Zhang K, et al. (2023) Natural polymorphisms in ZmIRX15A affect water-use efficiency by modulating stomatal density in maize. Plant biotechnology journal, 21(12), 2560.

Wang R, et al. (2023) A novel intronic circular RNA circFGFR1int2 up-regulates FGFR1 by recruiting transcriptional activators P65/FUS and suppressing miR-4687-5p to promote prostate cancer progression. Journal of translational medicine, 21(1), 840.

Sun B, et al. (2023) Gene therapy targeting miR-212-3p exerts therapeutic effects on MAFLD similar to those of exercise. International journal of molecular medicine, 51(2).

Afifah IQ, et al. (2023) A newly identified γ -amyrin synthase gene hypothetically involved in oleanane-saponin biosynthesis from *Talinum paniculatum* (Jacq.) Gaertn. Heliyon, 9(7), e17707.

Wang Y, et al. (2023) hsa_circ_0002980 prevents proliferation, migration, invasion, and epithelial-mesenchymal transition of liver cancer cells through microRNA-1303/cell adhesion molecule 2 axis. Aging, 15(24), 14915.

Chen L, et al. (2022) High-dose-androgen-induced autophagic cell death to suppress the Enzalutamide-resistant prostate cancer growth via altering the circRNA-BCL2/miRNA-198/AMBRA1 signaling. *Cell death discovery*, 8(1), 128.

Zhang X, et al. (2022) Overexpression of cytosolic long noncoding RNA cytb protects against pressure-overload-induced heart failure via sponging microRNA-103-3p. *Molecular therapy*. *Nucleic acids*, 27, 1127.

Liu D, et al. (2022) circKCNN2 suppresses the recurrence of hepatocellular carcinoma at least partially via regulating miR-520c-3p/methyl-DNA-binding domain protein 2 axis. *Clinical and translational medicine*, 12(1), e662.

Sun Y, et al. (2022) Linc01133 contributes to gastric cancer growth by enhancing YES1-dependent YAP1 nuclear translocation via sponging miR-145-5p. *Cell death & disease*, 13(1), 51.

He ZZ, et al. (2022) COPS3 AS lncRNA enhances myogenic differentiation and maintains fast-type myotube phenotype. *Cellular signalling*, 95, 110341.

Silva GCV, et al. (2022) Characterization of the 3'UTR of the BTD gene and identification of regulatory elements and microRNAs. *Genetics and molecular biology*, 45(1), e20200432.

Xu X, et al. (2022) Identification and Characterization of Circular RNAs Involved in the Flower Development and Senescence of *Rhododendron delavayi* Franch. *International journal of molecular sciences*, 23(19).