

# Resource Summary Report

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

## IRESite

RRID:SCR\_007753

Type: Tool

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### Proper Citation

IRESite (RRID:SCR\_007753)

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### Resource Information

**URL:** <http://iresite.org/>

**Proper Citation:** IRESite (RRID:SCR\_007753)

**Description:** Database of experimentally verified IRES structures. Presents information about experimentally studied Internal Ribosome Entry Site segments.

**Synonyms:** IRESdb, , IRESdb - the Internal Ribosome Entry Site database, Internal Ribosome Entry Site

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

**Keywords:** bio.tools, experimentally verified IRES structures, Internal Ribosome Entry Site segments, IRES structures, IRES segments

**Resource Name:** IRESite

**Resource ID:** SCR\_007753

**Alternate IDs:** nif-0000-03047, nif-0000-03046, SCR\_007754, biotools:iresite

**Alternate URLs:** <https://bio.tools/iresite>

**Old URLs:** <http://ifr31w3.toulouse.inserm.fr/IRESdatabase/>

**Record Creation Time:** 20220129T080243+0000

**Record Last Update:** 20260904T000231+0000

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### Ratings and Alerts

No rating or validation information has been found for IRESite.

No alerts have been found for IRESite.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Xue S, et al. (2026) CircRSU1 Activates the hnRNPA1/HIF-1 $\alpha$ /CD24 Signaling Axis, Promoting Stemness Features of Hepatocellular Carcinoma. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(22), e22424.

Lin Y, et al. (2025) Coding circular RNA in human cancer. *Genes & diseases*, 12(3), 101347.

Zhang T, et al. (2025) Small open reading frame-encoded microproteins in cancer: identification, biological functions and clinical significance. *Molecular cancer*, 24(1), 105.

Khadra E, et al. (2025) Integrated analysis of post-transcriptional regulations reveals insights into acute myeloid leukemia. *Communications biology*, 8(1), 1768.

Li S, et al. (2025) Functional characterization of a novel protein-coding circular RNA, circRNA\_1193, from the mAAP gene in silkworm and its role in antiviral defense against BmCPV. *mBio*, 16(5), e0012525.

Limkul S, et al. (2025) Viral circular RNA-encoded protein, ceVP28, divulges an antiviral response in invertebrates. *Proceedings of the National Academy of Sciences of the United States of America*, 122(8), e2321707122.

Alagoz Y, et al. (2025) Plastid-mediated feedback regulation of Arabidopsis LYCOPENE EPSILON CYCLASE is modulated by the promoter and a 5'UTR structural variant harbouring a conserved IRES. *BMC biology*, 23(1), 334.

D'Agostino S, et al. (2025) Internal ribosome entry sites enhance translation in trans in antisense non-coding SINEUP and circular RNAs. *Nucleic acids research*, 53(15).

Du K, et al. (2025) MAP3K13-232aa encoded by circMAP3K13 enhances cisplatin-induced pyroptosis by directly binding to IKK $\alpha$  in gastric adenocarcinoma. *Cell death & disease*, 16(1), 667.

Zhou H, et al. (2025) A foundation language model to decipher diverse regulation of RNAs. *Genome biology*, 26(1), 301.

Cai J, et al. (2024) Synthetic circRNA therapeutics: innovations, strategies, and future horizons. *MedComm*, 5(11), e720.

Xiao Y, et al. (2024) Long non-coding RNA-encoded micropeptides: functions, mechanisms and implications. *Cell death discovery*, 10(1), 450.

Wang L, et al. (2024) Rolling-Translated circRUNX2.2 Promotes Lymphoma Cell Proliferation and Cycle Transition in Marek's Disease Model. *International journal of molecular sciences*, 25(21).

Zhang B, et al. (2024) The regulatory role and clinical application prospects of circRNA in the occurrence and development of CNS tumors. *CNS neuroscience & therapeutics*, 30(4), e14500.

Li M, et al. (2023) CircRNA Profiling of Skeletal Muscle in Two Pig Breeds Reveals CircIGF1R Regulates Myoblast Differentiation via miR-16. *International journal of molecular sciences*, 24(4).

Ayyildiz D, et al. (2023) CAG repeat expansion in the Huntington's disease gene shapes linear and circular RNAs biogenesis. *PLoS genetics*, 19(10), e1010988.

Ran N, et al. (2023) Long Non-Coding RNA IncWOX11a Suppresses Adventitious Root Formation of Poplar by Regulating the Expression of PeWOX11a. *International journal of molecular sciences*, 24(6).

Han Z, et al. (2023) A special satellite-like RNA of a novel hypovirus from *Pestalotiopsis fici* broadens the definition of fungal satellite. *PLoS pathogens*, 19(6), e1010889.

Kok VJT, et al. (2022) SFPQ promotes RAS-mutant cancer cell growth by modulating 5'-UTR mediated translational control of CK1 $\gamma$ . *NAR cancer*, 4(3), zcac027.

Wang H, et al. (2022) circSLC41A1 Resists Porcine Granulosa Cell Apoptosis and Follicular Atresia by Promoting SRSF1 through miR-9820-5p Sponging. *International journal of molecular sciences*, 23(3).