

Resource Summary Report

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IRESite

RRID:SCR_007753

Type: Tool

Proper Citation

IRESite (RRID:SCR_007753)

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: 20260731T042741+0000

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 45 mentions in open access literature.

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

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.

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.

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

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.

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

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).

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

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).

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).

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.

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.

Zhang Y, et al. (2022) Micropeptide vsp21 translated by Reovirus circular RNA 000048 attenuates viral replication. *International journal of biological macromolecules*, 209(Pt A), 1179.

Zhu M, et al. (2022) Circ-Udg Derived from Cyprinid Herpesvirus 2 Promotes Viral Replication. *Microbiology spectrum*, 10(4), e0094322.

Hayer J, et al. (2021) Four novel picornaviruses detected in Magellanic Penguins (*Spheniscus magellanicus*) in Chile. *Virology*, 560, 116.

Xiao Q, et al. (2021) Comprehensive Analysis of Peripheral Exosomal circRNAs in Large Artery Atherosclerotic Stroke. *Frontiers in cell and developmental biology*, 9, 685741.

Lu Y, et al. (2021) Translation role of circRNAs in cancers. *Journal of clinical laboratory analysis*, 35(7), e23866.

Liu S, et al. (2021) Virus-derived sequences from the transcriptomes of two snail vectors of schistosomiasis, *Biomphalaria pfeifferi* and *Bulinus globosus* from Kenya. *PeerJ*, 9, e12290.