

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## LTRpred

RRID:SCR\_017031

Type: Tool

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### Proper Citation

LTRpred (RRID:SCR\_017031)

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### Resource Information

**URL:** <https://github.com/Hajkd/LTRpred>

**Proper Citation:** LTRpred (RRID:SCR\_017031)

**Description:** Software package for automated functional annotation of LTR retrotransposons for comparative genomics studies. Used to perform de novo functional annotation of LTR retrotransposons from any genome assembly in fasta format.

**Synonyms:** LTRpred(ict)

**Resource Type:** data processing software, data analytics software, data analysis software, software resource, software application

**Keywords:** LTR, retrotransposon, prediction, genome, assembly, functional, annotation

**Availability:** Free, Available to download, Freely available

**Resource Name:** LTRpred

**Resource ID:** SCR\_017031

**Alternate URLs:** <https://hajkd.github.io/LTRpred/>

**License:** GPL 2

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260731T043008+0000

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### Ratings and Alerts

No rating or validation information has been found for LTRpred.

No alerts have been found for LTRpred.

## Data and Source Information

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

## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Movilli A, et al. (2025) Long-read detection of transposable element mobilization in the soma of hypomethylated *Arabidopsis thaliana* individuals. *Genome biology*, 26(1), 231.

Hou T, et al. (2025) Comparative genomic analysis of five *Eimeria* spp. in rabbits provides insights into coccidian tissue tropism. *Microbial genomics*, 11(11).

Ayukawa Y, et al. (2021) A pair of effectors encoded on a conditionally dispensable chromosome of *Fusarium oxysporum* suppress host-specific immunity. *Communications biology*, 4(1), 707.

Wang Z, et al. (2020) Transposon age and non-CG methylation. *Nature communications*, 11(1), 1221.

Cho J, et al. (2019) Sensitive detection of pre-integration intermediates of long terminal repeat retrotransposons in crop plants. *Nature plants*, 5(1), 26.

Benoit M, et al. (2019) Environmental and epigenetic regulation of Rider retrotransposons in tomato. *PLoS genetics*, 15(9), e1008370.