Resource Summary Report

Generated by ASWG on Aug 2, 2026

LTRpred

RRID:SCR_017031
Type: Tool

Proper Citation

LTRpred (RRID:SCR_017031)

Resource Information

URL: https://github.com/HajkD/LTRpred

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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 analysis software, software application, software resource, data processing software, data analytics software

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: 20260801T190743+0000

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 ASWG .

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.