

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## Evolutionary Rate Covariation

RRID:SCR\_015669

Type: Tool

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### Proper Citation

Evolutionary Rate Covariation (RRID:SCR\_015669)

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### Resource Information

**URL:** [http://csb.pitt.edu/erc\\_analysis/Methods.php](http://csb.pitt.edu/erc_analysis/Methods.php)

**Proper Citation:** Evolutionary Rate Covariation (RRID:SCR\_015669)

**Description:** Web-based statistical application that measures correlated rates across a phylogeny, allowing for extraction of genes with similar evolutionary histories. It can identify new functional connections between genes.

**Abbreviations:** ERC

**Synonyms:** ERC: Evolutionary Rate Covariation, Evolutionary Rate Covariation (ERC) Analysis, Evolutionary Rate Covariation (ERC)

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

**Defining Citation:** [PMID:25679399](#), [PMID:24453993](#), [PMID:22287101](#)

**Keywords:** statistical software, correlation, phylogeny, gene extraction, genetic evolutionary history, covariation, group analysis

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

**Resource Name:** Evolutionary Rate Covariation

**Resource ID:** SCR\_015669

**Record Creation Time:** 20220129T080326+0000

**Record Last Update:** 20260729T044355+0000

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### Ratings and Alerts

No rating or validation information has been found for Evolutionary Rate Covariation.

No alerts have been found for Evolutionary Rate Covariation.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Himmelstein DS, et al. (2017) Systematic integration of biomedical knowledge prioritizes drugs for repurposing. eLife, 6.