

# Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

## Greglist

RRID:SCR\_013407

Type: Tool

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### Proper Citation

Greglist (RRID:SCR\_013407)

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### Resource Information

**URL:** <http://tubic.tju.edu.cn/greglist/>

**Proper Citation:** Greglist (RRID:SCR\_013407)

**Description:** A database listing potential G-quadruplex regulated genes. G-rich DNA sequences can form G-quadruplexes, a four-stranded structure that is stabilized by planar arrays of four guanines associated with hydrogen bonds. Promoter G-quadruplexes have emerged as a new way to regulate gene transcription, such as in c-MYC expression. Further, G-quadruplex motifs are highly enriched in gene promoter regions in humans and other mammals. Greglist contains genes whose promoter regions have G-quadruplex motifs, and these genes are highly likely to be regulated by G-quadruplexes.

**Synonyms:** Greglist

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

**Keywords:** g-quadruplex, promoter g-quadruplexes, gene

**Resource Name:** Greglist

**Resource ID:** SCR\_013407

**Alternate IDs:** nif-0000-02929

**Record Creation Time:** 20220129T080315+0000

**Record Last Update:** 20260905T133206+0000

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### Ratings and Alerts

No rating or validation information has been found for Greglist.

No alerts have been found for Greglist.

## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhao Z, et al. (2024) Guide for phenotype-specific profiling of DNA G-quadruplex-regulated genes. STAR protocols, 5(1), 102820.

Wang X, et al. (2022) Genomic G-quadruplex folding triggers a cytokine-mediated inflammatory feedback loop to aggravate inflammatory diseases. iScience, 25(11), 105312.

Miskiewicz J, et al. (2021) How bioinformatics resources work with G4 RNAs. Briefings in bioinformatics, 22(3).

Simone R, et al. (2015) G-quadruplexes: Emerging roles in neurodegenerative diseases and the non-coding transcriptome. FEBS letters, 589(14), 1653.