Resource Summary Report

Generated by T1D on Sep 5, 2026

Greglist

RRID:SCR_013407
Type: Tool

Proper Citation

Greglist (RRID:SCR_013407)

Resource Information

URL: http://tubic.tju.edu.cn/greglist/

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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: 20260904T000346+0000

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

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

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.