Resource Summary Report

Generated by kravitz2 on Jul 30, 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: 20260729T044313+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 3 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

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

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.