

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

ALGGEN-PROMO

RRID:SCR_016926

Type: Tool

Proper Citation

ALGGEN-PROMO (RRID:SCR_016926)

Resource Information

URL: http://alggen.lsi.upc.es/cgi-bin/promo_v3/promo/promoinit.cgi?dirDB=TF_8.3

Proper Citation: ALGGEN-PROMO (RRID:SCR_016926)

Description: Web tool to identify putative transcription factor binding sites (TFBS) in DNA sequences from a species or groups of species of interest. Used for detection of known transcription regulatory elements using species-tailored searches.

Synonyms: PROMO, ALGorithmics and GENetics PROMO, ALGGEN, ALGGEN-PROMO

Resource Type: data processing software, sequence analysis software, service resource, laboratory portal, software application, data analysis software, software resource, portal, data or information resource, organization portal

Defining Citation: [PMID:11847087](#), [PMID:12824386](#)

Keywords: identify, transcription, factor, binding, site, DNA, sequence, species, regulatory, element, search

Availability: Free, Available for download, Freely available

Resource Name: ALGGEN-PROMO

Resource ID: SCR_016926

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260731T043007+0000

Ratings and Alerts

No rating or validation information has been found for ALGGEN-PROMO.

No alerts have been found for ALGGEN-PROMO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 354 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Jiang M, et al. (2026) SIRT6-Mediated Regulation of TFAM: A Central Mechanism Connecting Nuclear and Mitochondrial Transcriptional Processes and Mitophagy. International journal of biological sciences, 22(1), 178.

Mu H, et al. (2025) Methionine intervention induces PD-L1 expression to enhance the immune checkpoint therapy response in MTAP-deleted osteosarcoma. Cell reports. Medicine, 6(3), 101977.

Teng Y, et al. (2025) Disruption of the biorhythm in gastric epithelial cell triggers inflammation in Helicobacter pylori-associated gastritis by aberrantly regulating NFIL3 via CagA activated ERK-SP1 pathway. Cell communication and signaling : CCS, 23(1), 285.

Chen ZS, et al. (2025) Mutant huntingtin induces neuronal apoptosis via derepressing the non-canonical poly(A) polymerase PAPD5. Nature communications, 16(1), 3307.

Zhao F, et al. (2025) The interaction between a leflunomide-response methylation site (cg17330251) and variant (rs705379) on response to leflunomide in patients with rheumatoid arthritis. Frontiers in pharmacology, 16, 1499723.

Besson JM, et al. (2025) Selective disruption of DNMT1/ELK1 interactions induces DGKI re-expression and promotes temozolomide sensitivity of MGMTmethylated/DGKI methylated glioblastoma. Clinical epigenetics, 17(1), 146.

Lu W, et al. (2025) NKD1 enhances colon cancer progression by inhibiting the autophagic degradation of MYC. Cell death & disease, 16(1), 532.

Liu Y, et al. (2025) Chk2 deletion rescues bone loss and cellular senescence induced by Bmi1 deficiency via regulation of Cyp1a1. Journal of orthopaedic translation, 52, 360.

Wu J, et al. (2025) Induction of CXCL8 by endoplasmic reticulum stress promotes migration and invasion of esophageal squamous cell carcinoma through activation of SMAD2/3. Molecular medicine reports, 32(6).

Lu WM, et al. (2025) Clonorchis sinensis-driven hepatocarcinogenesis via E2F1-CD24 transcriptional axis: mechanistic and therapeutic implications. Parasites & vectors, 18(1), 353.

Xiong Y, et al. (2025) CENPF (+) cancer cells promote malignant progression of early-stage TP53 mutant lung adenocarcinoma. Oncogenesis, 14(1), 5.

- Cui C, et al. (2025) *Odoribacter splanchnicus* rescues aging-related intestinal P-glycoprotein damage via GDP-L-fucose secretion. *Nature communications*, 16(1), 10665.
- Liang Z, et al. (2025) XYLEM NAC DOMAIN 1 (EjXND1) relieves cold-induced lignification by negatively regulating the EjHB1-EjPRX12 module in loquat fruit. *Journal of advanced research*, 73, 93.
- Wang J, et al. (2025) METTL1-WDR4 promotes the migration and proliferation of gastric cancer through N7-methylguanosine. *Cellular oncology (Dordrecht, Netherlands)*, 48(5), 1523.
- Liu H, et al. (2025) A protective role of SRC-1 against aging associated cognitive decline. *Aging*, 17(8), 2167.
- Ding J, et al. (2025) Integrative multi-omics analysis deciphers the regulatory mechanisms of egg weight traits in chickens. *Poultry science*, 104(11), 105813.
- Malvi P, et al. (2025) PDE7A inhibition suppresses triple-negative breast cancer by attenuating de novo pyrimidine biosynthesis. *Cell reports. Medicine*, 6(9), 102356.
- Zhou X, et al. (2025) C/EBP β -Lin28a positive feedback loop triggered by C/EBP β hypomethylation enhances the proliferation and migration of vascular smooth muscle cells in restenosis. *Chinese medical journal*, 138(4), 419.
- Wang H, et al. (2025) Targeting EGFR-binding protein SLC7A11 enhancing antitumor immunity of T cells via inducing MHC-I antigen presentation in nasopharyngeal carcinoma. *Cell death & disease*, 16(1), 21.
- Zhao H, et al. (2025) Suppressing DUSP16 overexpression induced by ELK1 promotes neural progenitor cell differentiation in mouse models of Alzheimer's disease. *Aging cell*, 24(2), e14372.