

Resource Summary Report

Generated by [ASWG](#) on Aug 14, 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

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

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: 20260814T042934+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 434 mentions in open access literature.

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

Choudhury PR, et al. (2026) Atorvastatin pre-exposure in hypercholesterolemia remedies 27HC mediated dendritic cell dysfunctions in triple-negative breast cancer. Molecular therapy. Oncology, 34(3), 201250.

Ma C, et al. (2026) Super enhancer-driven LINC01013 mediates hypoxia-induced mitochondrial dysfunction by HSPA9 to determine pulmonary arterial smooth muscle cell fate. Cellular and molecular life sciences : CMLS, 83(1), 57.

Yu YQ, et al. (2026) Extracellular ATP promotes endocrine resistance in ER+ breast cancer through upregulation of PYGL. Cell death & disease, 17(1).

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.

Chen H, et al. (2026) Transcription factor ApSP1 identified through ApSDR53C2 promoter screening promotes melanin biosynthesis and enhances penetration ability in Arthrinium phaeospermum. BMC plant biology, 26(1).

Wu Y, et al. (2026) Microvascular endothelial scavenger receptor class B type I protects against heart failure with preserved ejection fraction by inhibiting T-cell cardiotropism. EMBO molecular medicine, 18(5), 1679.

Li Q, et al. (2026) TFAP2A regulates SGPP2 transcription to promote lipid accumulation and activate the Wnt/?-catenin signaling pathway to promote malignant progression in lung adenocarcinoma. Journal of translational medicine, 24(1).

Mari A, et al. (2026) ATAD2 drives melanoma growth and progression and inhibits ferroptosis. EMBO reports, 27(2), 501.

Bai J, et al. (2026) MAZ-Mediated ubiquitin-conjugating enzyme E2C upregulation promotes breast cancer progression via the MAPK signaling pathway. Translational oncology, 64, 102646.

Wuputra K, et al. (2026) Natural Extracts of Alnus japonica Induce BAK-Dependent Autophagy to Inhibit Liver Cancer Stem Cell Tumorigenesis. Antioxidants (Basel, Switzerland), 15(6).

Zhu K, et al. (2026) Targeting the Notch1-YY1-ICAM1 Signaling Axis Enhances the Efficacy of Immunotherapy in HCC by Activating CD8+ T-Cell-Driven Cancer Cell Pyroptosis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(7), e12845.

Huang W, et al. (2026) Bisphenol B Exposure Induces Miscarriage by Suppressing Migration/Invasion and Migrasome Formation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(7), e04871.

Zha H, et al. (2026) Multi-Scale Transcriptomic Sequencing Data Analysis Reveals LINC00467 is Associated with Malignant Progression in Breast Cancer: An In Silico and In Vitro Study. *Oncology research*, 34(4), 26.

López-Guzmán SF, et al. (2026) Molecular Characterization of the Murine Catsper4 Promoter and its Regulation by CREM?. *Reproductive sciences* (Thousand Oaks, Calif.), 33(2), 411.

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.

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.

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.

Liu H, et al. (2025) A protective role of SRC-1 against aging associated cognitive decline. *Aging*, 17(8), 2167.

Yao X, et al. (2025) AFF4 promotes tumor progression and cisplatin resistance by modulating the PTEN/PI3K/AKT/mTOR axis to accelerate glycolysis in lung adenocarcinoma. *Cell & bioscience*, 15(1), 116.