

Resource Summary Report

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

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

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

Funding:

Availability: Free, Available for download, Freely available

Resource Name: ALGGEN-PROMO

Resource ID: SCR_016926

Record Creation Time: 20220129T080332+0000

Record Last Update: 20250501T081356+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 322 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Ding W, et al. (2025) Roles of the CDCA gene family in breast carcinoma. *Science progress*, 108(1), 368504241312305.

Duca M, et al. (2025) Transcription factor FOXD1 and miRNA-204-5p play a major role in B4GALNT2 downregulation in colon cancer. *Scientific reports*, 15(1), 1821.

Cheng KM, et al. (2024) Novel role of NCoR1 in impairing spatial memory through the mediation of a novel interacting protein DEC2. *Cellular and molecular life sciences : CMLS*, 81(1), 273.

Byars SG, et al. (2024) Four-week inhibition of the renin-angiotensin system in spontaneously hypertensive rats results in persistently lower blood pressure with reduced kidney renin and changes in expression of relevant gene networks. *Cardiovascular research*, 120(7), 769.

Wang H, et al. (2024) Long non-coding RNA LncTUG1 regulates favourable compression force-induced cementocytes mineralization via PU.1/TLR4/SphK1 signalling. *Cell proliferation*, 57(6), e13604.

Ma W, et al. (2024) N-Acetyltransferase 10 represses Uqcr11 and Uqcrb independently of ac4C modification to promote heart regeneration. *Nature communications*, 15(1), 2137.

Tooley K, et al. (2024) Pan-cancer mapping of single CD8+ T cell profiles reveals a TCF1: CXCR6 axis regulating CD28 co-stimulation and anti-tumor immunity. *Cell reports. Medicine*, 5(7), 101640.

Wang S, et al. (2024) MEF2C Alleviates Postoperative Cognitive Dysfunction by Repressing

Ferroptosis. *CNS neuroscience & therapeutics*, 30(10), e70066.

Liu Y, et al. (2024) Tadalafil Enhances the Therapeutic Efficacy of Mesenchymal Stem Cells-Derived Exosomes in Pulmonary Hypertension by Upregulating miR-29a-3p. *International journal of nanomedicine*, 19, 13525.

Lorenz V, et al. (2024) Glyphosate and a glyphosate-based herbicide dysregulate the epigenetic landscape of Homeobox A10 (Hoxa10) gene during the endometrial receptivity in Wistar rats. *Frontiers in toxicology*, 6, 1438826.

Chou WC, et al. (2024) Genetic insights into carbohydrate sulfotransferase 8 and its impact on the immunotherapy efficacy of cancer. *Cell reports*, 43(1), 113641.

Sun Y, et al. (2024) Three Copies of zbed1 Specific in Chromosome W Are Essential for Female-Biased Sexual Size Dimorphism in *Cynoglossus semilaevis*. *Biology*, 13(3).

Stachowiak M, et al. (2024) A massive alteration of gene expression in undescended testicles of dogs and the association of KAT6A variants with cryptorchidism. *Proceedings of the National Academy of Sciences of the United States of America*, 121(7), e2312724121.

Huang H, et al. (2024) FOXP3-regulated lncRNA NONHSAT136151 promotes colorectal cancer progression by disrupting QKI interaction with target mRNAs. *Journal of cellular and molecular medicine*, 28(2), e18068.

Chen S, et al. (2024) CD8⁺ T cells sustain antitumor response by mediating crosstalk between adenosine A2A receptor and glutathione/GPX4. *The Journal of clinical investigation*, 134(8).

Shao A, et al. (2024) The L27 domain of MPP7 enhances TAZ-YY1 cooperation to renew muscle stem cells. *EMBO reports*, 25(12), 5667.

Nishida M, et al. (2024) EphA-Mediated Regulation of Stomatin Expression in Prostate Cancer Cells. *Cancer medicine*, 13(19), e70276.

Fondevila MF, et al. (2024) p63 controls metabolic activation of hepatic stellate cells and fibrosis via an HER2-ACC1 pathway. *Cell reports. Medicine*, 5(2), 101401.

Reddi KK, et al. (2024) ASAH1 facilitates TNBC by DUSP5 suppression-driven activation of MAP kinase pathway and represents a therapeutic vulnerability. *Cell death & disease*, 15(6), 452.