

Resource Summary Report

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TFSEARCH: Searching Transcription Factor Binding Sites

RRID:SCR_004262

Type: Tool

Proper Citation

TFSEARCH: Searching Transcription Factor Binding Sites (RRID:SCR_004262)

Resource Information

URL: <http://diyhpl.us/~bryan/irc/protocol-online/protocol-cache/TFSEARCH.html>

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Description: The TFSEARCH searches highly correlated sequence fragments against TFMATRIX transcription factor binding site profile database in the "TRANSFAC" databases developed at GBF-Braunschweig, Germany. The TFSEARCH program was written by Yutaka Akiyama (Kyoto University, currently at RWCP) in 1995.

Synonyms: TFSEARCH: DNA Transcription Factor Binding Site Prediction, Transcriptional Factor Search, TFSEARCH

Resource Type: analysis service resource, data analysis service, production service resource, service resource

Defining Citation: [PMID:9399875](#)

Keywords: vertebrate, arthropod, plant, yeast, dna, sequence, FASEB list

Resource Name: TFSEARCH: Searching Transcription Factor Binding Sites

Resource ID: SCR_004262

Alternate IDs: nlx_27602

Old URLs: <http://www.cbrc.jp/research/db/TFSEARCH.html>

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260821T042633+0000

Ratings and Alerts

No rating or validation information has been found for TFSEARCH: Searching Transcription Factor Binding Sites.

No alerts have been found for TFSEARCH: Searching Transcription Factor Binding Sites.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 216 mentions in open access literature.

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

Chen Y, et al. (2024) Pericytes recruited by CCL28 promote vascular normalization after anti-angiogenesis therapy through RA/RXRA/ANGPT1 pathway in lung adenocarcinoma. Journal of experimental & clinical cancer research : CR, 43(1), 210.

Atashi A, et al. (2024) GATA1 transcription factor targets the gene expression of B19 virus in HEK293 cell line. Annals of medicine and surgery (2012), 86(12), 7120.

Chen Y, et al. (2021) DPP promotes odontogenic differentiation of DPSCs through NF- κ B signaling. Scientific reports, 11(1), 22076.

Vallejos-Vidal E, et al. (2019) Single-Nucleotide Polymorphisms (SNP) Mining and Their Effect on the Tridimensional Protein Structure Prediction in a Set of Immunity-Related Expressed Sequence Tags (EST) in Atlantic Salmon (*Salmo salar*). Frontiers in genetics, 10, 1406.

Rossetti MF, et al. (2019) The impact of sensory and motor enrichment on the epigenetic control of steroidogenic-related genes in rat hippocampus. Molecular and cellular endocrinology, 485, 44.

Wu F, et al. (2018) Oct4 regulates DNA methyltransferase 1 transcription by direct binding of the regulatory element. Cellular & molecular biology letters, 23, 39.

Bianchi M, et al. (2018) Induction of ubiquitin C (UBC) gene transcription is mediated by HSF1: role of proteotoxic and oxidative stress. FEBS open bio, 8(9), 1471.

Silva IAL, et al. (2018) Effect of genetic variants of OPTN in the pathophysiology of Paget's disease of bone. Biochimica et biophysica acta. Molecular basis of disease, 1864(1), 143.

Pan JX, et al. (2018) Aberrant expression and DNA methylation of lipid metabolism genes in PCOS: a new insight into its pathogenesis. Clinical epigenetics, 10, 6.

Li Q, et al. (2017) De Novo FGF12 (Fibroblast Growth Factor 12) Functional Variation Is Potentially Associated With Idiopathic Ventricular Tachycardia. Journal of the American Heart Association, 6(8).

Uno K, et al. (2017) Methamphetamine induces Shati/Nat8L expression in the mouse nucleus accumbens via CREB- and dopamine D1 receptor-dependent mechanism. PloS one, 12(3), e0174196.

Lee EH, et al. (2017) Blockade of Axl signaling ameliorates HPV16E6-mediated tumorigenicity of cervical cancer. Scientific reports, 7(1), 5759.

Machitani M, et al. (2016) NF- κ B promotes leaky expression of adenovirus genes in a replication-incompetent adenovirus vector. Scientific reports, 6, 19922.

Uchiumi F, et al. (2016) Characterization of the 5'-flanking region of the human DNA helicase B (HELB) gene and its response to trans-Resveratrol. Scientific reports, 6, 24510.

Yu LW, et al. (2016) Mild decrease in TBX20 promoter activity is a potentially protective factor against congenital heart defects in the Han Chinese population. Scientific reports, 6, 23662.

Zhang E, et al. (2016) E2F1-induced upregulation of long noncoding RNA LINC00668 predicts a poor prognosis of gastric cancer and promotes cell proliferation through epigenetically silencing of CKIs. Oncotarget, 7(17), 23212.

Arribas J, et al. (2016) NF- κ B Mediates the Expression of TBX15 in Cancer Cells. PloS one, 11(6), e0157761.

Li C, et al. (2016) Chronic inflammation contributes to the development of hepatocellular carcinoma by decreasing miR-122 levels. Oncotarget, 7(13), 17021.

Rezzoug F, et al. (2016) Discovery of a Family of Genomic Sequences Which Interact Specifically with the c-MYC Promoter to Regulate c-MYC Expression. PloS one, 11(8), e0161588.

Richtrova E, et al. (2016) HGSNAT has a TATA-less promoter with multiple starts of transcription. Gene, 592(1), 36.