

# Resource Summary Report

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

## 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>

**Proper Citation:** TFSEARCH: Searching Transcription Factor Binding Sites (RRID:SCR\_004262)

**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:** service resource, production service resource, analysis service resource, data analysis service

**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:** 20260731T042655+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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 214 mentions in open access literature.

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

Chen Y, et al. (2021) DPP promotes odontogenic differentiation of DPSCs through NF- $\kappa$ 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.

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.

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

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.

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.

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.

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.

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.

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

Huang S, et al. (2016) Epigenetic Silencing of Eyes Absent 4 Gene by Acute Myeloid Leukemia 1-Eight-twenty-one Oncoprotein Contributes to Leukemogenesis in t(8;21) Acute Myeloid Leukemia. *Chinese medical journal*, 129(11), 1355.

Gao Y, et al. (2016) A double-negative feedback loop between E2F3b and miR- 200b regulates docetaxel chemosensitivity of human lung adenocarcinoma cells. *Oncotarget*, 7(19), 27613.

Lin XW, et al. (2016) Hexokinase is a key regulator of energy metabolism and ROS activity in insect lifespan extension. *Aging*, 8(2), 245.

Li A, et al. (2016) Molecular Characterization and Transcriptional Regulation Analysis of the Bovine PDHB Gene. *PloS one*, 11(7), e0157445.

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- $\kappa$ B Mediates the Expression of TBX15 in Cancer Cells. *PloS one*, 11(6), e0157761.

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