

Resource Summary Report

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Eukaryotic Promoter Database

RRID:SCR_002132

Type: Tool

Proper Citation

Eukaryotic Promoter Database (RRID:SCR_002132)

Resource Information

URL: <https://epd.expasy.org/epd/>

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Description: Collection of eukaryotic promoters derived from published articles. Annotated non-redundant collection of eukaryotic POL II promoters, for which transcription start site has been determined experimentally. Access to promoter sequences is provided by pointers to positions in nucleotide sequence entries. EPD is structured in a way that facilitates dynamic extraction of biologically meaningful promoter subsets for comparative sequence analysis.

Abbreviations: EPD

Synonyms: The Eukaryotic Promoter Database

Resource Type: database, data or information resource

Defining Citation: [PMID:14681364](#), [PMID:23193273](#), [PMID:31680159](#)

Keywords: Eukaryotic promoters collection, published articles promoter collection, published article, POL II promoter, biologically meaningful promoter, comparative sequence analysis

Funding: Swiss Government ;
Swiss National Science Foundation

Availability: Free, Freely available

Resource Name: Eukaryotic Promoter Database

Resource ID: SCR_002132

Alternate IDs: nif-0000-20940

Alternate URLs: <https://epd.expasy.org/>

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260725T191121+0000

Ratings and Alerts

No rating or validation information has been found for Eukaryotic Promoter Database.

No alerts have been found for Eukaryotic Promoter Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Park K, et al. (2025) rs762855 single nucleotide polymorphism modulates the risk for diffuse-type gastric cancer in females: a genome-wide association study in the Korean population. Gastric cancer : official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association, 28(2), 145.

Shin GS, et al. (2025) Lamin B1 regulates RNA splicing factor expression by modulating the spatial positioning and chromatin interactions of the ETS1 gene locus. Animal cells and systems, 29(1), 149.

Tran PL, et al. (2025) SDCBP/Syntenin-1 stabilizes BACH1 by disassembling the SCFFBXO22-BACH1 complex in triple-negative breast cancer. The EMBO journal, 44(11), 3085.

Takagi H, et al. (2025) Companion cells with high florigen production express other small proteins and reveal a nitrogen-sensitive FT repressor. eLife, 14.

Khan F, et al. (2025) Identification and Validation of Biomarkers to Predict Early Diagnosis of Inflammatory Bowel Disease and Its Progression to Colorectal Cancer. Biochemical genetics, 63(4), 3717.

Ishikawa K, et al. (2025) Arrayed CRISPRi library to suppress genes required for Schizosaccharomyces pombe viability. The Journal of cell biology, 224(1).

Cui X, et al. (2025) CREATE: cell-type-specific cis-regulatory element identification via discrete embedding. Nature communications, 16(1), 4607.

Dalla-Torre H, et al. (2025) Nucleotide Transformer: building and evaluating robust foundation models for human genomics. Nature methods, 22(2), 287.

Chen CY, et al. (2025) ELF4/TRIB3/CDK6 Axis Promotes Cancer Stem Cell Activity in Endometrial Cancer. *Journal of cellular physiology*, 240(11), e70113.

Chatterjee B, et al. (2025) Tumor-associated macrophages contribute to cisplatin resistance via regulating Pol γ -mediated translesion DNA synthesis in ovarian cancer. *Cellular and molecular life sciences : CMLS*, 82(1), 220.

Xu J, et al. (2025) FRMD8 inhibits tumor metastasis in BRCA1-associated TNBC by negatively regulating tmTNF- γ . *Cellular & molecular biology letters*, 30(1), 76.

Chai M, et al. (2025) Overexpression of GmbZIP59 Confers Broad-Spectrum Stress Resistance in *Arabidopsis thaliana* and Rice (*Oryza sativa*). *Plants (Basel, Switzerland)*, 14(21).

Guo X, et al. (2024) RUNX1 promotes angiogenesis in colorectal cancer by regulating the crosstalk between tumor cells and tumor associated macrophages. *Biomarker research*, 12(1), 29.

Caporale AL, et al. (2024) The Human Accelerated Region HAR202 Controls NPAS3 Expression in the Developing Forebrain Displaying Differential Enhancer Activity Between Modern and Archaic Human Sequences. *Molecular biology and evolution*, 41(10).

Cabezuelo MT, et al. (2024) Vitamin A Status Modulates Epithelial Mesenchymal Transition in the Lung: The Role of Furin. *Nutrients*, 16(8).

Grze $\acute{e}$ M, et al. (2024) A common druggable signature of oncogenic c-Myc, mutant KRAS and mutant p53 reveals functional redundancy and competition among oncogenes in cancer. *Cell death & disease*, 15(8), 638.

Malka S, et al. (2024) Substitution of a single non-coding nucleotide upstream of TMEM216 causes non-syndromic retinitis pigmentosa and is associated with reduced TMEM216 expression. *American journal of human genetics*, 111(9), 2012.

Koga D, et al. (2024) Identification and characterization of an enhancer element regulating expression of Cdkn1c (p57 gene). *Genes to cells : devoted to molecular & cellular mechanisms*, 29(12), 1264.

Francois AK, et al. (2024) Single-genome analysis reveals a heterogeneous association of the herpes simplex virus genome with H3K27me2 and the reader PHF20L1 following infection of human fibroblasts. *mBio*, 15(4), e0327823.

Schmidt KE, et al. (2024) Serum Induces the Subunit-Specific Activation of NF- κ B in Proliferating Human Cardiac Stem Cells. *International journal of molecular sciences*, 25(7).