

Resource Summary Report

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The Li Lab at UCSF

RRID:SCR_010269

Type: Tool

Proper Citation

The Li Lab at UCSF (RRID:SCR_010269)

Resource Information

URL: <http://urogene.org/>

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Description: Laboratory portal that houses the following databases. MethPrimer is a program for designing bisulfite-conversion-based Methylation PCR Primers. Currently, it can design primers for two types of bisulfite PCR: 1) Methylation-Specific PCR (MSP) and 2) Bisulfite-Sequencing PCR (BSP) or Bisulfite-Restriction PCR. CpG Island Prediction MethPrimer can also analyze input sequences for the existence of CpG islands. Human Prostate Gene Database (PGDB) is a curated and integrated database of human genes related to the prostate and prostatic diseases. Human Kidney Gene Database (KGDB) is a curated and integrated database of human genes related to the kidney and renal diseases. The Li Lab is interested in understanding how small RNA regulates gene expression at the transcriptional level by targeting gene promoter sequences, particularly how small RNA activates gene transcription, a phenomenon termed RNA activation (RNAa).

Synonyms: The Li Lab in the Department of Urology and Helen Diller Family Comprehensive Cancer Center, UCSF

Resource Type: database, data or information resource

Resource Name: The Li Lab at UCSF

Resource ID: SCR_010269

Alternate IDs: nlx_156928

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260808T190418+0000

Ratings and Alerts

No rating or validation information has been found for The Li Lab at UCSF.

No alerts have been found for The Li Lab at UCSF.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 195 mentions in open access literature.

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

Han X, et al. (2026) Targeted inhibition of the CREB1-CtIP axis enhances the efficacy of abiraterone combined with radiotherapy in prostate cancer. *Cell death & disease*, 17(1).

Wang Q, et al. (2026) Epigenetically silenced KAT2B suppresses de novo lipogenesis through destroying HDAC5/LSD1 complex assembly in renal cell carcinoma. *Journal of advanced research*, 83, 677.

Han Y, et al. (2026) RASSF2 promoter hypermethylation determines malignant and microenvironmental features in lung cancer. *Genes and immunity*.

Zhou M, et al. (2025) P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/?-Catenin signals in acute liver failure. *Acta pharmaceutica Sinica. B*, 15(2), 919.

Szewczuk W, et al. (2025) Exon 4 and intron 4 TP53 are both methylated in advanced-stage ovarian carcinomas. *Biomedical reports*, 23(5), 176.

Michel M, et al. (2025) Noninvasive Multicancer Detection Using DNA Hypomethylation of LINE-1 Retrotransposons. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(7), 1275.

Duan X, et al. (2025) Breaking epigenetic shackles: targeting ARID1A methylation and the PI3K/AKT/mTOR-PD-L1 axis to overcome immune escape in gastric cancer. *PeerJ*, 13, e20251.

Rong M, et al. (2025) CpG site methylation regulates mouse Rec8 gene promoter activity. *The Journal of reproduction and development*, 71(3), 145.

Wang J, et al. (2025) Restoration of SIRT3 Expression in Aged Mice Alleviates UUO-Induced Renal Fibrosis by Reducing GSK-3? Hyperacetylation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(39), e17248.

Yu T, et al. (2025) E3 ligase MKRN2 destabilizes PPP2CA proteins to inactivate canonical Wnt pathway and mitigates tumorigenesis of clear cell renal cell carcinoma. *International journal of biological sciences*, 21(12), 5361.

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.

Deycmar S, et al. (2024) Epigenetic MLH1 silencing concurs with mismatch repair deficiency in sporadic, naturally occurring colorectal cancer in rhesus macaques. *Journal of translational medicine*, 22(1), 292.

Li Q, et al. (2024) DNMT3B Alleviates Liver Steatosis Induced by Chronic Low-grade LPS via Inhibiting CIDEA Expression. *Cellular and molecular gastroenterology and hepatology*, 17(1), 59.

Almirón A, et al. (2024) Epigenetic alteration of uterine Leukemia Inhibitory Factor gene after glyphosate or a glyphosate-based herbicide exposure in rats. *Environmental toxicology and pharmacology*, 111, 104564.

Zhou Y, et al. (2023) GATA6-AS1 suppresses epithelial-mesenchymal transition of pancreatic cancer under hypoxia through regulating SNAI1 mRNA stability. *Journal of translational medicine*, 21(1), 882.

Tao Y, et al. (2023) Epigenetic regulation of beta-endorphin synthesis in hypothalamic arcuate nucleus neurons modulates neuropathic pain in a rodent pain model. *Nature communications*, 14(1), 7234.

Wang J, et al. (2023) Hypermethylation-Mediated lncRNA MAGI2-AS3 Downregulation Facilitates Malignant Progression of Laryngeal Squamous Cell Carcinoma via Interacting With SPT6. *Cell transplantation*, 32, 9636897231154574.

Tan Y, et al. (2023) Alternative polyadenylation reprogramming of MORC2 induced by NUDT21 loss promotes KIRC carcinogenesis. *JCI insight*, 8(18).

Gao LT, et al. (2023) Hypermethylation of the Bmp4 promoter dampens binding of HIF-1 α and impairs its cardiac protective effects from oxidative stress in prenatally GC-exposed offspring. *Cellular and molecular life sciences : CMLS*, 80(3), 58.

Tian H, et al. (2023) PHF14 enhances DNA methylation of SMAD7 gene to promote TGF- β -driven lung adenocarcinoma metastasis. *Cell discovery*, 9(1), 41.