A Large-Scale Analysis of Genetic Variants within Putative miRNA Binding Sites in Prostate Cancer

DOI: 10.1158/2159-8290.cd-14-1057
Cancer Discovery, 2015, 5, 368-79.

#	Paper	IF	Citations
53	miRSNP-Based Approach Identifies a miRNA That Regulates Prostate-Specific Antigen in an Allele-Specific Manner. *Cancer Discovery*, **2015**, 5, 351-2	24.4	7
52	Micromarkers 2.0: an update on the role of microRNAs in cancer diagnosis and prognosis. *Expert Review of Molecular Diagnostics*, **2015**, 15, 1369-81	3.8	25
51	MicroRNA Theranostics in Prostate Cancer Precision Medicine. *Clinical Chemistry*, **2016**, 62, 1318-33	5.5	36
50	Commentary on "The oestrogen receptor alpha-regulated lncRNA NEAT1 is a critical modulator of prostate cancer." Chakravarty D, Sboner A, Nair SS, Giannopoulou E, Li R, Hennig S, Mosquera JM, Pauwels J, Park K, Kossai M, MacDonald TY, Fontugne J, Erho N, Vergara IA, Ghadessi M, Davicioni E, Jenkins RB, Palanisamy N, Chen Z, Nakagawa S, Hirose T, Bander NH, Beltran H, Fox AH, Elemento O, Rubin MA. University of Washington-Urology, Seattle, WA. Nat Commun 2014; 5:5383.	2.8	78
49	Missing link between microRNA and prostate cancer. *Tumor Biology*, **2016**, 37, 5683-704 *Urologic Oncology: Seminars and Original Investigations*, **2016**, 34, 522	2.9	16
48	A literature review on the role of miR-370 in disease. *Gene Reports*, **2016**, 4, 37-44	1.4	3
47	Chemoprevention in African American Men With Prostate Cancer. *Cancer Control*, **2016**, 23, 415-423	2.2	4
46	Single nucleotide polymorphisms in clinics: Fantasy or reality for cancer?. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 29-39	9.4	49
45	A polymorphism in miR-1262 regulatory region confers the risk of lung cancer in Chinese population. *International Journal of Cancer*, **2017**, 141, 958-966	7.5	18
44	Altered miR-370 expression in hepatic ischemia-reperfusion injury correlates with the level of nuclear kappa B (NF-**B**) related factors. *Gene*, **2017**, 607, 23-30	3.8	12
43	Genome-wide integrative analysis identified SNP-miRNA-mRNA interaction networks in peripheral blood mononuclear cells. *Epigenomics*, **2017**, 9, 1287-1298	4.4	4
42	Ganoderma lucidum polysaccharide inhibits prostate cancer cell migration via the protein arginine methyltransferase 6 signaling pathway. *Molecular Medicine Reports*, **2018**, 17, 147-157	2.9	19
41	A Single Nucleotide Polymorphism in Gene Is Associated with Prostate Cancer Risk. *Journal of Cancer*, **2017**, 8, 4083-4086	4.5	7
40	Genomic Insight into the Role of lncRNA in Cancer Susceptibility. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	52
39	The miRNA-kallikrein interaction: a mosaic of epigenetic regulation in cancer. *Biological Chemistry*, **2018**, 399, 973-982	4.5	3
38	Profile of common prostate cancer risk variants in an unscreened Romanian population. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1574-1582	5.6	4
37	Association between three genetic variants in kallikrein 3 and prostate cancer risk. *Bioscience Reports*, **2018**, 38,	4.1	8

36	Two prostate cancer-associated polymorphisms in the 3′UTR of IGF1R influences prostate cancer susceptibility by affecting miRNA binding. *Oncology Reports*, **2019**, 41, 512-524	3.5	2
35	Integrative Analysis Identifies Genetic Variants Associated With Autoimmune Diseases Affecting Putative MicroRNA Binding Sites. *Frontiers in Genetics*, **2018**, 9, 139	4.5	11
34	The microRNA expression signature of CD4+ T cells in the transition of brucellosis into chronicity. *PLoS ONE*, **2018**, 13, e0198659	3.7	8
33	Functional polymorphism within NUP210 encoding for nucleoporin GP210 is associated with the risk of endometriosis. *Fertility and Sterility*, **2019**, 112, 343-352.e1	4.8	2
32	Assessment by miRNA microarray of an autologous cancer antigen-pulsed adoptive immune ensemble cell therapy (AC-ACT) approach; demonstrated induction of anti-oncogenic and anti-PD-L1 miRNAs. *Clinical Case Reports (discontinued)*, **2019**, 7, 2156-2164	0.7	
31	MicroRNA-3162-5p-Mediated Crosstalk between Kallikrein Family Members Including Prostate-Specific Antigen in Prostate Cancer. *Clinical Chemistry*, **2019**, 65, 771-780	5.5	8
30	Association of rs1010 Polymorphism with Host Susceptibility to Pulmonary Tuberculosis in a Chinese Han Population. *Genetic Testing and Molecular Biomarkers*, **2019**, 23, 299-303	1.6	2
29	A Circulating miRNA Signature for Stratification of Breast Lesions among Women with Abnormal Screening Mammograms. *Cancers*, **2019**, 11,	6.6	6
28	Post-GWAS in prostate cancer: from genetic association to biological contribution. *Nature Reviews Cancer*, **2019**, 19, 46-59	31.3	41
27	Prostate Cancer Risk-Associated Single-Nucleotide Polymorphism Affects Prostate-Specific Antigen Glycosylation and Its Function. *Clinical Chemistry*, **2019**, 65, e1-e9	5.5	9
26	Association of long-chain non-coding RNA GAS5 gene polymorphisms with prostate cancer risk and prognosis in Chinese Han population. *Medicine (United States)*, **2020**, 99, e21790	1.8	1
25	Pathway Analysis of Genes Identified through Post-GWAS to Underpin Prostate Cancer Aetiology. *Genes*, **2020**, 11,	4.2	1
24	Association of KLK3, VAMP8 and MDM4 Genetic Variants within microRNA Binding Sites with Prostate Cancer: Evidence from Serbian Population. *Pathology and Oncology Research*, **2020**, 26, 2409-2423	2.6	3
23	miR-197-3p Represses the Proliferation of Prostate Cancer by Regulating the VDAC1/AKT/β-catenin Signaling Axis. *International Journal of Biological Sciences*, **2020**, 16, 1417-1426	11.2	20
22	Inhibition of cancer cell-derived exosomal microRNA-183 suppresses cell growth and metastasis in prostate cancer by upregulating TPM1. *Cancer Cell International*, **2021**, 21, 145	6.4	8
21	KLK3 SNP-SNP interactions for prediction of prostate cancer aggressiveness. *Scientific Reports*, **2021**, 11, 9264	4.9	3
20	Mapping genetic variability in mature miRNAs and miRNA binding sites in prostate cancer. *Journal of Human Genetics*, **2021**, 66, 1127-1137	4.3	0
19	Allele-Specific MicroRNA-Mediated Regulation of a Glycolysis Gatekeeper PDK1 in Cancer Metabolism. *Cancers*, **2021**, 13,	6.6	0

18	Interplay between the androgen receptor signaling axis and microRNAs in prostate cancer. *Endocrine-Related Cancer*, **2019**, 26, R237-R257	5.7	11
17	Double-strand break repair and colorectal cancer: gene variants within 3PUTRs and microRNAs binding as modulators of cancer risk and clinical outcome. *Oncotarget*, **2016**, 7, 23156-69	3.3	31
16	Active monitoring, radical prostatectomy and radical radiotherapy in PSA-detected clinically localised prostate cancer: the ProtecT three-arm RCT. *Health Technology Assessment*, **2020**, 24, 1-176	4.4	9
15	The association of stromal antigen 3 (STAG3) sequence variations with spermatogenic impairment in the male Korean population. *Asian Journal of Andrology*, **2020**, 22, 106-111	2.8	4
14	New functions assigned to a microRNA with genetic links to prostate cancer risk. *Annals of Translational Medicine*, **2019**, 7, S193	3.2	
13	Systematic characterization of somatic mutation-mediated microRNA regulatory network perturbations.		
12	The microRNA miR-29c-5p inhibits cell proliferation and migration by targeting TMEM98 in head and neck carcinoma. *Aging*, **2020**, 13, 769-781	5.6	1
11	Downregulated microRNA-149-3p triggers malignant development and predicts worse prognosis in oral squamous cell carcinoma. *Archives of Oral Biology*, **2021**, 134, 105336	2.8	0
10	The landscape of GWAS validation; systematic review identifying 309 validated non-coding variants across 130 human diseases.. *BMC Medical Genomics*, **2022**, 15, 74	3.7	1
9	Table_1.XLSX. **2018**,		
8	Table_2.XLSX. **2018**,		
7	Table_3.XLSX. **2018**,		
6	MicroRNAs: Novel players in the diagnosis and treatment of cancer cachexia (Review). *Experimental and Therapeutic Medicine*, **2022**, 24,	2.1	0
5	Genome-Wide 3?-UTR Single Nucleotide Polymorphism Association Study Identifies Significant Prostate Cancer Risk-Associated Functional Loci at 8p21.2 in Chinese Population. **2022**, 9, 2201420		
4	Integrated Approaches to Identify miRNA Biomarkers Associated with Cognitive Dysfunction in Multiple Sclerosis Using Text Mining, Gene Expression, Pathways, and GWAS. **2022**, 12, 1914		
3	IsomiR-eQTL: A Cancer-Specific Expression Quantitative Trait Loci Database of miRNAs and Their Isoforms. **2022**, 23, 12493		0
2	Landscape of microRNA regulatory network architecture and functional rerouting in cancer.		0
1	MicroRNA schizophrenia: Etiology, biomarkers and therapeutic targets. **2023**, 146, 105064		0