

Gene expression across mammalian organ development

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Citation Report

#	ARTICLE	IF	CITATIONS
1	TreeExp2: An Integrated Framework for Phylogenetic Transcriptome Analysis. <i>Genome Biology and Evolution</i> , 2019, 11, 3276-3282.	1.1	7
2	Splicing in the pathogenesis, diagnosis and treatment of ciliopathies. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 194433.	0.9	25
3	Application of Computational Biology to Decode Brain Transcriptomes. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 367-380.	3.0	7
4	Developmental dynamics of lncRNAs across mammalian organs and species. <i>Nature</i> , 2019, 571, 510-514.	13.7	219
5	Shaping the human brain: evolutionary cis-regulatory plasticity drives changes in synaptic activity-controlled adaptive gene expression. <i>Current Opinion in Neurobiology</i> , 2019, 59, 34-40.	2.0	4
6	Expression Profile of Chicken Sex Chromosome Gene <i>BTF3</i> is Linked to Gonadal Phenotype. <i>Sexual Development</i> , 2019, 13, 212-220.	1.1	7
7	More Than One HMG-CoA Lyase: The Classical Mitochondrial Enzyme Plus the Peroxisomal and the Cytosolic Ones. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6124.	1.8	14
8	Defined factors to reactivate cell cycle activity in adult mouse cardiomyocytes. <i>Scientific Reports</i> , 2019, 9, 18830.	1.6	12
9	Comparative Transcriptomics Analyses across Species, Organs, and Developmental Stages Reveal Functionally Constrained lncRNAs. <i>Molecular Biology and Evolution</i> , 2020, 37, 240-259.	3.5	30
10	Mechanisms of tissue and cell-type specificity in heritable traits and diseases. <i>Nature Reviews Genetics</i> , 2020, 21, 137-150.	7.7	105
11	Physiological consequences of transient hyperleptinemia during discrete developmental periods on body weight in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	14
12	Filamin A Orchestrates Cytoskeletal Structure, Cell Migration and Stem Cell Characteristics in Human Seminoma Tcam-2 Cells. <i>Cells</i> , 2020, 9, 2563.	1.8	8
13	Transcriptome and translome co-evolution in mammals. <i>Nature</i> , 2020, 588, 642-647.	13.7	122
14	SNARE-Mediated Exocytosis in Neuronal Development. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 133.	1.4	32
15	RNA-Seq Analysis Reveals Hub Genes Involved in Chicken Intramuscular Fat and Abdominal Fat Deposition During Development. <i>Frontiers in Genetics</i> , 2020, 11, 1009.	1.1	25
16	Epigenomic and Transcriptomic Dynamics During Human Heart Organogenesis. <i>Circulation Research</i> , 2020, 127, e184-e209.	2.0	27
17	Gene Set Analysis: Challenges, Opportunities, and Future Research. <i>Frontiers in Genetics</i> , 2020, 11, 654.	1.1	120
18	A comprehensive rat transcriptome built from large scale RNA-seq-based annotation. <i>Nucleic Acids Research</i> , 2020, 48, 8320-8331.	6.5	19

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20	Increased RNA editing in maternal immune activation model of neurodevelopmental disease. <i>Nature Communications</i> , 2020, 11, 5236.	5.8	24
21	Developmental Gene Expression Differences between Humans and Mammalian Models. <i>Cell Reports</i> , 2020, 33, 108308.	2.9	46
22	Palmitic Acid Targets Human Testicular Peritubular Cells and Causes a Pro-Inflammatory Response. <i>Journal of Clinical Medicine</i> , 2020, 9, 2655.	1.0	2
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29	Dysferlin links excitation-contraction coupling to structure and maintenance of the cardiac transverse-axial tubule system. <i>Europace</i> , 2020, 22, 1119-1131.	0.7	6
30	Identification and characterization of male reproduction-related genes in pig (<i>Sus scrofa</i>) using transcriptome analysis. <i>BMC Genomics</i> , 2020, 21, 381.	1.2	7
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39	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. <i>Scientific Reports</i> , 2020, 10, 6765.	1.6	10
40	Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors. <i>Nature Medicine</i> , 2020, 26, 712-719.	15.2	172
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52	Characterization of sheep spermatogenesis through single-cell RNA sequencing. <i>FASEB Journal</i> , 2021, 35, e21187.	0.2	27
53	Epilepsy and neurobehavioral abnormalities in mice with a dominant-negative KCNB1 pathogenic variant. <i>Neurobiology of Disease</i> , 2021, 147, 105141.	2.1	17
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79	Establishment of Long-Term Primary Cortical Neuronal Cultures From Neonatal Opossum <i>Monodelphis domestica</i> . <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 661492.	1.8	13
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202	At the dawn: cell-free DNA fragmentomics and gene regulation. <i>British Journal of Cancer</i> , 2022, 126, 379-390.	2.9	27
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286

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