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TopHat2: accurate alignment of transcriptomes in the presence of insertions, deletions and gene fusions

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123	Transcriptome comparison analyses in UV-B induced AsA accumulation of Lactuca sativa L. **2023**, 24,	0
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86	Epigenome-wide association study in Chinese monozygotic twins identifies DNA methylation loci associated with blood pressure. **2023**, 15,	0
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67	Characterization of a mouse model of ICF syndrome reveals enhanced CD19 activation in inducing hypogammaglobulinemia.	0
66	Early mitochondrial dysfunction proceeds neuroinflammation, synaptic alteration, and autophagy impairment in hippocampus ofAppknock-in Alzheimer mouse models.	0
65	Role and Mechanism of a Micro-/Nano-Structured Porous Zirconia Surface in Regulating the Biological Behavior of Bone Marrow Mesenchymal Stem Cells.	0
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63	Transcriptomic Analysis Reveals Panicle Heterosis in an Elite Hybrid Rice ZZY10 and Its Parental Lines. **2023**, 12, 1309	0
62	Matrin3 regulates mitotic spindle dynamics by controlling alternative splicing of CDC14B. **2023**, 42, 112260	0
61	Stoichiometric balance ratio of cellobiose and gentiobiose induces cellulase production in Talaromyces cellulolyticus. **2023**, 16,	0
60	A novel circular RNA circRBMS3 regulates proliferation and metastasis of osteosarcoma by targeting miR-424-eIF4B/YRDC axis. **2023**, 1564-1590	0
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58	ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. **2023**, 42, 112269	○
57	Cell type-specific control of secondary cell wall formation by Musashi-type translational regulators in Arabidopsis.	○
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55	LncRNA HCP5-Encoded Protein Regulates Ferroptosis to Promote the Progression of Triple-Negative Breast Cancer. **2023**, 15, 1880	○
54	Cocktails of NSAIDs and 17□Ethinylestradiol at Environmentally Relevant Doses in Drinking Water Alter Puberty Onset in Mice Intergenerationally. **2023**, 24, 5890	○
53	Uncovering the gastrointestinal passage, intestinal epithelial cellular uptake, and AGO2 loading of milk miRNAs in neonates using xenomiRs as tracers. **2023**,	○
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48	Cannabinoids modulate the microbiota□gut□brain axis in HIV/SIV infection by reducing neuroinflammation and dysbiosis while concurrently elevating endocannabinoid and indole-3-propionate levels. **2023**, 20,	○
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46	Loss of the Maternal Effect Gene Nlrp2 Alters the Transcriptome of Ovulated Mouse Oocytes and Impacts Expression of Histone Demethylase KDM1B.	○
45	NUAK1 governs centrosome replication in pancreatic cancer via MYPT1 / PP1□and GSK3□ -dependent regulation of PLK4.	○
44	MORF2-mediated plastidial retrograde signaling is involved in stress response and skotomorphogenesis beyond RNA editing. 14,	○
43	Sensing the rainbow: genetic and physiological responses to light quality in Ostreococcus, an ecologically important photosynthetic picoeukaryote.	○
42	MBTPS2 acts as a regulator of lipogenesis and cholesterol synthesis through SREBP signalling in prostate cancer.	○
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39	Transcriptome Analysis of Resistant and Susceptible Pecan (Carya illinoinensis) Reveals the Mechanism of Resistance to Black Spot Disease (Colletotrichum fioriniae). **2023**, 71, 5812-5822	0
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37	Actionable genetic screens unveil targeting of AURKA, MEK and fatty acid metabolism as an alternative therapeutic approach for advanced melanoma. **2023**,	0
36	Comparative genomics reveals unique features of two Babesia motasi subspecies: Babesia motasi lintanensis and Babesia motasi hebeiensis. **2023**,	0
35	DNAfusion: an R/Bioconductor package for increased sensitivity of detecting gene fusions in liquid biopsies. **2023**, 24,	0
34	Dividing out quantification uncertainty allows efficient assessment of differential transcript expression.	0
33	Whole transcriptome analysis reveals that immune infiltration- lncRNAs are related to cellular apoptosis in liver transplantation. 14,	0
32	Comparative gonad transcriptome analysis in cobia (Rachycentron canadum). 14,	0
31	Transposable elements are associated with the variable response to influenza infection. **2023**, 100292	0
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29	FERONIA and wall-associated kinases coordinate defense induced by lignin modification in plant cell walls. **2023**, 9,	0
28	Endothelial sensing of AHR ligands regulates intestinal homeostasis.	0
27	Polymorphism in maternal HLA-DRB5 is associated with the risk of preeclampsia in Chinese population.	0
26	Splicing complexity as a pivotal feature of alternative exons in mammalian species. **2023**, 24,	0
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24	Effects of Donor Ages and Propagation Methods on Seedling Growth of Platycladus orientalis (L.) Franco in Winter. **2023**, 24, 7170	0
23	Sequence-Based Platforms for Discovering Biomarkers in Liquid Biopsy of Non-Small-Cell Lung Cancer. **2023**, 15, 2275	0

22	IKK▯Inhibition Attenuates Epithelial Mesenchymal Transition of Human Stem Cell-Derived Retinal Pigment Epithelium. **2023**, 12, 1155	0
21	▯ integrin signaling governs necroptosis via the chromatin remodeling factor CHD4.	0
20	Comparative Transcriptome and Targeted Metabolome Profiling Unravel the Key Role of Phenylpropanoid and Glucosinolate Pathways in Defense against Alternaria brassicicola in Broccoli.	0
19	Chromosomal-Scale Genome Assemblies of Two Coastal Plant Species, Scaevola taccada and S. hainanensis▯nsight into Adaptation Outside of the Common Range. **2023**, 24, 7355	0
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17	A chromosome-level genome assembly of the yellow-throated marten (Martes flavigula). **2023**, 10,	0
16	The RNA helicase DDX1 associates with the nuclear RNA exosome and modulates R-loops.	0
15	Comparative transcriptomic analysis of gill reveals genes belonging to mTORC1 signaling pathway associated with the resistance trait of shrimp to VPAHPND. 14,	0
14	Oncogenic CDK13 mutations impede nuclear RNA surveillance. **2023**, 380,	0
13	Identifying high-impact variants and genes in exomes of Ashkenazi Jewish inflammatory bowel disease patients. **2023**, 14,	0
12	FonTup1 functions in growth, conidiogenesis and pathogenicity of Fusarium oxysporum f. sp. niveum through modulating the expression of the tricarboxylic acid cycle genes. **2023**, 127389	0
11	Diet suppresses glioblastoma initiation in mice by maintaining quiescence of mutation-bearing neural stem cells. **2023**,	0
10	A scoping review on deep learning for next-generation RNA-Seq. data analysis. **2023**, 23,	0
9	AUF1 modulates apoptosis via regulating transcription and alternative splicing of immune response genes in auditory hair cells.	0
8	Medaka (Oryzias latipes) Olpax6.2 acquires maternal inheritance and germ cells expression, but was functionally degenerated in the eye. **2023**, 147439	0
7	Reducing brassinosteroid signalling enhances grain yield in semi-dwarf wheat. **2023**, 617, 118-124	0
6	Integrated genomic analysis reveals aberrations in WNT signaling in germ cell tumors of childhood and adolescence. **2023**, 14,	0
5	Integrated testis transcriptome and whole genome analysis of sexual maturity in Large White and Tongcheng pigs.	0

4	Snail-inspired AFG/GelMA hydrogel accelerates diabetic wound healing via inflammatory cytokines suppression and macrophage polarization. **2023**, 299, 122141	0
3	FAM46C-mediated tumor heterogeneity predicts extramedullary metastasis and poorer survival in multiple myeloma. **2023**, 15, 3644-3677	0
2	Transcriptomic analysis of maize uncovers putative genes involved in metabolic detoxification under four safeners treatment. **2023**, 105465	0
1	Sample Preparation and Differential Gene Expression Analysis of Human Cancer Cell Lines by RNA Sequencing. **2023**, 23-41	0