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edgeR: a Bioconductor package for differential expression analysis of digital gene expression data

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977	Transcriptome profiling of wheat glumes in wild emmer, hulled landraces and modern cultivars. <b>2015</b> , 16, 777	13
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963	Differential expression of small RNAs under chemical stress and fed-batch fermentation in E. coli. <b>2015</b> , 16, 1051	17
962	Transcriptional cellular responses in midgut tissue of Aedes aegypti larvae following intoxication with Cry11Aa toxin from Bacillus thuringiensis. <b>2015</b> , 16, 1042	20
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960	Liver transcriptomic networks reveal main biological processes associated with feed efficiency in beef cattle. <b>2015</b> , 16, 1073	80
959	Changes in Lolium perenne transcriptome during cold acclimation in two genotypes adapted to different climatic conditions. <b>2015</b> , 15, 250	25
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648	RNA Sequencing Identifies Frequent Mitogen-activated Protein Kinasellssociated Fusion Genes in Intraductal Tubulopapillary Neoplasms of the Pancreas. <b>2023</b> ,	O
647	Accumulation of gene copy number variations during the early phase of free-spawning abalone speciation. <b>2023</b> , 13,	O
646	Whole blood transcriptome analysis in dairy calves experimentally challenged with bovine herpesvirus 1 (BoHV-1) and comparison to a bovine respiratory syncytial virus (BRSV) challenge. 14,	0
645	Long noncoding RNA GATA2-AS1 augments endothelial hypoxia inducible factor 1-Hinduction and regulates hypoxic signaling. <b>2023</b> , 299, 103029	O
644	An integrated transcriptomicsfunctional genomics approach reveals a small RNA that modulatesBacteroides thetaiotaomicronsensitivity to tetracyclines.	O
643	RNA-Seq Analysis of Clinical Samples from TCGA Reveal Molecular Signatures for Ovarian Cancer. <b>2023</b> , 41, 394-404	O
642	Host immune responses to enzootic and invasive pathogen lineages vary in magnitude, timing, and efficacy.	0
641	Telomere-to-telomere and haplotype-resolved genome of the kiwifruit Actinidia eriantha. 2023, 3,	O
640	Ultra-small bacteria and archaea exhibit genetic flexibility towards groundwater oxygen content, and adaptations for attached or planktonic lifestyles. <b>2023</b> , 3,	O
639	NSD1 deposits histone H3 lysine 36 dimethylation to pattern non-CG DNA methylation in neurons.	O
638	An integrated co-expression network analysis reveals novel genetic biomarkers for immune cell infiltration in chronic kidney disease. 14,	0
637	UHMK1 is a novel splicing regulatory kinase. <b>2023</b> , 299, 103041	O
636	Chromatin accessibility associated with aquaculture relevant traits in tilapia.	0
635	Evolutionary History of thePoecilia pictaSex Chromosomes. <b>2023</b> , 15,	O
634	SREBP modulates the NADP+/NADPH cycle to control night sleep in Drosophila. 2023, 14,	0
633	Interleukin-27-dependent transcriptome signatures during neonatal sepsis. 14,	O
632	Multi-Omic Architecture of Obstructive Hypertrophic Cardiomyopathy. 2023, 16,	0
631	Approaches for sRNA Analysis of Human RNA-Seq Data: Comparison, Benchmarking. <b>2023</b> , 24, 4195	O

630	Transcriptomic and Bioinformatic Analyses Identifying a Central Mif-Cop9-Nf-kB Signaling Network in Innate Immunity Response of Ciona robusta. <b>2023</b> , 24, 4112	0
629	Genome-wide analysis of NBS-LRR genes revealed contribution of disease resistance from Saccharum spontaneum to modern sugarcane cultivar. 14,	O
628	Small RNA and Degradome Sequencing in Floral Bud Reveal Roles of miRNAs in Dormancy Release of Chimonanthus praecox. <b>2023</b> , 24, 4210	0
627	Transcriptomic and epigenomic analyses revealed that polycomb repressive complex 2 regulates not only developmental but also stress responsive metabolism in Brassica rapa. 14,	O
626	Screening and Analysis of Key Transcription Factors of Yili Goose Sperm Motility miRNAs-mRNAs.	О
625	User-Controlled 4D Biomaterial Degradation with Substrate-Selective Sortase Transpeptidases for Single-Cell Biology.	O
624	Genetic Interaction of tRNA-Dependent Mistranslation with Fused in Sarcoma Protein Aggregates. <b>2023</b> , 14, 518	0
623	Chromosome-level genome assembly and population genomics of Mongolian racerunner (Eremias argus) provide insights into high-altitude adaptation in lizards. <b>2023</b> , 21,	O
622	Tiller Number1 encodes an ankyrin repeat protein that controls tillering in bread wheat. 2023, 14,	0
621	Identification and characterization of microRNAs, especially gga-miR-181b-5p, in chicken macrophages associated with avian pathogenic E. coli infection. 1-14	Ο
620	Identification of Biosynthetic and Metabolic Genes of 2-Azahypoxanthine in Lepista sordida Based on Transcriptomic Analysis.	0
619	Transcriptomic Analysis of Macrophage Polarization Protocols: Vitamin D3 or IL-4 and IL-13 Do Not Polarize THP-1 Monocytes into Reliable M2 Macrophages. <b>2023</b> , 11, 608	O
618	Strain-specific quorum-sensing responses determine virulence properties in Vibrio anguillarum .	0
617	Long Non-Coding RNA BNIP3 Inhibited the Proliferation of Bovine Intramuscular Preadipocytes via Cell Cycle. <b>2023</b> , 24, 4234	O
616	A proteomics approach to identify COPD-related changes in lung fibroblasts. <b>2023</b> , 324, L521-L535	0
615	A necroptosis-independent function of RIPK3 promotes immune dysfunction and prevents control of chronic LCMV infection. <b>2023</b> , 14,	Ο
614	Proliferating cell nuclear antigen involves in temperature stress tolerance ofUlva prolifera.	O
613	Alteration of gene expression profiles in the mutant line of Sorghum bicolor.	Ο

612	Hypoxia induces alterations in tRNA modifications involved in translational control. 2023, 21,	О
611	Orai3 and Orai1 mediate CRAC channel function and metabolic reprogramming in B cells. 12,	O
610	ARBUSCULAR MYCORRHIZA-INDUCED KINASES AMK8 and AMK24 associate with the receptor-like kinase KINASE3 to regulate arbuscular mycorrhizal symbiosis inLotus japonicus.	0
609	FixItFelix: improving genomic analysis by fixing reference errors. <b>2023</b> , 24,	O
608	DNA-initiated epigenetic cascades driven by C9orf72 hexanucleotide repeat. <b>2023</b> , 111, 1205-1221.e9	0
607	Differentially Expressed Heterogeneous Overdispersion Genes Testing for Count Data*.	O
606	Plasticity of gene expression in the nervous system by exposure to environmental odorants that inhibit HDACs.	0
605	Chemically defined cytokine-free expansion of human haematopoietic stem cells. 2023, 615, 127-133	1
604	Genome-wide methylomic regulation of multiscale gene networks in Alzheimer's disease.	0
603	Reconstructing clonal tree for phylo-phenotypic characterization of cancer using single-cell transcriptomics. <b>2023</b> , 14,	O
602	Oral mucosal breaks trigger anti-citrullinated bacterial and human protein antibody responses in rheumatoid arthritis. <b>2023</b> , 15,	0
601	A chromosome-level genome assembly for Erianthus fulvus provides insights into its biofuel potential and facilitates breeding for improvement of sugarcane. <b>2023</b> , 100562	O
600	Metagenomic and machine learning-aided identification of biomarkers driving distinctive Cd accumulation features in the root-associated microbiome of two rice cultivars. <b>2023</b> , 3,	0
599	Characteristics of circulating small noncoding RNAs in plasma and serum during human aging. <b>2023</b> , 6, 35-48	O
598	Global Molecular Response of Paracoccidioides brasiliensis to Zinc Deprivation: Analyses at Transcript, Protein and MicroRNA Levels. <b>2023</b> , 9, 281	0
597	A conserved gene regulatory network controls root epidermal cell patterning in superrosid species.	O
596	Soluble Klotho protects against glomerular injury through regulation of ER stress response. <b>2023</b> , 6,	0
595	Brain expression quantitative trait locus and network analyses reveal downstream effects and putative drivers for brain-related diseases. <b>2023</b> , 55, 377-388	O

594	Tumor-Infiltrating Immune Cell Landscapes in the Lymph Node Metastasis of Papillary Thyroid Cancer. <b>2023</b> , 30, 2625-2641	0
593	MacroH2A histone variants modulate enhancer activity to repress oncogenic programs and cellular reprogramming. <b>2023</b> , 6,	O
592	Trade-offs between fertilizer-N availability and Cd pollution potential under crop straw incorporation by 15[N stable isotopes in rice. <b>2023</b> , 30, 51075-51088	0
591	WWOX P47T partial loss-of-function mutation induces epilepsy, progressive neuroinflammation, and cerebellar degeneration in mice phenocopying human SCAR12. <b>2023</b> , 223, 102425	O
590	Novel insights into plant defensin ingestion induced metabolic responses in the polyphagous insect pest Helicoverpa armigera. <b>2023</b> , 13,	0
589	Comparative gene regulatory network analysis in Alzheimer disease and major depressive disorder.	O
588	Induction of primordial germ cell-like cells from common marmoset embryonic stem cells by inhibition of WNT and retinoic acid signaling. <b>2023</b> , 13,	0
587	Vorasidenib and ivosidenib in IDH1-mutant low-grade glioma: a randomized, perioperative phase 1 trial. <b>2023</b> , 29, 615-622	O
586	Multicellular factor analysis of single-cell data for a tissue-centric understanding of disease.	0
585	Foxp3 Orchestrates Reorganization of Chromatin Architecture to Establish Regulatory T Cell Identity.	O
584	The CTCF-H3K27me3 axis supports melanoma cell migration by repressing cholesterol biosynthesis.	0
583	Retrospective analysis of enhancer activity and transcriptome history.	O
582	Bacteriocin production enhancing mechanism of Lactiplantibacillus paraplantarum RX-8 response to Wickerhamomyces anomalus Y-5 by transcriptomic and proteomic analyses. 14,	0
581	Forebrain E-I balance controlled in cognition through coordinated inhibition and inhibitory transcriptome mechanism. 17,	O
580	Tumor-derived insulin-like growth factor-binding protein-1 contributes to resistance of hepatocellular carcinoma to tyrosine kinase inhibitors. <b>2023</b> , 43, 415-434	0
579	Feasibility of [18F]FSPG PET for Early Response Assessment to Combined Blockade of EGFR and Glutamine Metabolism in Wild-Type KRAS Colorectal Cancer. <b>2023</b> , 9, 497-508	O
578	pDC-like cells are pre-DC2 and require KLF4 to control homeostatic CD4 T cells. <b>2023</b> , 8,	0
577	Pleiotrophin drives a prometastatic immune niche in breast cancer. <b>2023</b> , 220,	O

576	Hsa_circ_0046430 promotes the progression of colorectal cancer by targeting miR-6785-5p/SRCIN1 axis as a ceRNA. <b>2023</b> , 102, e33064	0
575	Detection of Streptococcus pyogenes M1UK in Australia and characterization of the mutation driving enhanced expression of superantigen SpeA. <b>2023</b> , 14,	O
574	Aquaporin 5 maintains lens transparency by regulating the lysosomal pathway using circRNA. <b>2023</b> , 27, 803-818	О
573	Latitudinal variation and plasticity in response to temperature in Geukensia demissa. 2023, 13,	O
572	The unfolded protein response of the endoplasmic reticulum protectsCaenorhabditis elegansagainst DNA damage caused by stalled replication forks.	O
57 <sup>1</sup>	Mir-421 and mir-550a-1 are potential prognostic markers in esophageal adenocarcinoma. <b>2023</b> , 18,	O
57°	Brachypodium distachyon Seedlings Display Accession-Specific Morphological and Transcriptomic Responses to the Microgravity Environment of the International Space Station. <b>2023</b> , 13, 626	О
569	An intrinsic purine metabolite AICAR blocks lung tumour growth by targeting oncoprotein mucin 1.	O
568	Investigation of the response of Platycodon grandiflorus (Jacq.) A. DC to salt stress using combined transcriptomics and metabolomics.	O
567	The dual role of TonB genes in turnerbactin uptake and carbohydrate utilization in the shipworm symbiontTeredinibacter turnerae.	O
566	NRF2 activation induces NADH-reductive stress, providing a metabolic vulnerability in lung cancer. <b>2023</b> , 35, 487-503.e7	O
565	Changes in concentrations and transcripts of plant hormones in wheat seedling roots in response to Fusarium crown rot. <b>2023</b> ,	O
564	Transcriptional activation of Jun and Fos members of the AP-1 complex is a conserved signature of immune aging that contributes to inflammaging. <b>2023</b> , 22,	0
563	Identification of QTLs and candidate genes for rice seed germinability under low temperature using high-density genetic mapping and RNA-seq.	O
562	Different photoprotective strategies for white leaves between two co-occurring Actinidia species. <b>2023</b> , 175,	0
561	1⊉5-Dihydroxyvitamin D3 Regulates microRNA Packaging in Extracellular Matrix Vesicles and Their Release in the Matrix. <b>2023</b> , 112, 493-511	O
560	Saccharomyces cerevisiae responds similarly to co-culture or to a fraction enriched in Metschnikowia pulcherrima extracellular vesicles.	O
559	Nitrate has a stronger rhizobacterial-based effect on rice growth and nitrogen use than ammonium in acidic paddy soil.	O

558	The pluripotency factor Tex10 finetunes Wnt signaling for PGC and male germline development.	O
557	The MYC-regulated lncRNA LNROP (ENSG00000254887) enables MYC-driven cell proliferation by controlling the expression of OCT2. <b>2023</b> , 14,	O
556	Transcriptomics explores the potential of flavonoid in non-medicinal parts of Saposhnikovia divaricata (Turcz.) Schischk. 14,	0
555	MeCP2 Represses the Activity of Topoisomerase IIIIn Long Neuronal Genes.	O
554	Revealing the History and Mystery of RNA-Seq. <b>2023</b> , 45, 1860-1874	O
553	Lactate exposure shapes the metabolic and transcriptomic profile of CD8+ T cells. 14,	O
552	Role of alternative splicing in health and diseases. <b>2023</b> , 19-36	O
551	Benchmarking differential abundance methods for finding condition-specific prototypical cells in multi-sample single-cell datasets.	О
550	Three Cycles of Continuous Propagation of a Severe PSTVd Strain NicTr-3 in Solanum lycopersicum cv. Rutgers Resulted in Its Attenuation and Very Mild Disease Symptoms in Potato. <b>2023</b> , 13, 684	0
549	Electrical Sympathetic Neuromodulation Protects Bone Marrow Niche and Drives Hematopoietic Regeneration during Chemotherapy. 2201300	O
548	Combining a machine-learning derived 4-lncRNA signature with AFP and TNM stages in predicting early recurrence of hepatocellular carcinoma. <b>2023</b> , 24,	0
547	Integrated analysis of long non-coding RNAs and mRNAs associated with glaucoma in vitro. 14,	О
546	NSC243928 Treatment Induces Anti-Tumor Immune Response in Mouse Mammary Tumor Models. <b>2023</b> , 15, 1468	0
545	Mitochondrial Calcium Uptake Declines during Aging and is Directly Activated by Oleuropein to Boost Energy Metabolism and Skeletal Muscle Performance.	O
544	Cnih3Deletion Dysregulates Dorsal Hippocampal Transcription across the Estrous Cycle. <b>2023</b> , 10, ENEUR	O.0153-22.202
543	Ribosomes in RNA Granules Are Stalled on mRNA Sequences That Are Consensus Sites for FMRP Association. <b>2023</b> , 43, 2440-2459	О
542	Multiomics reveals glutathione metabolism as a driver of bimodality during stem cell aging. <b>2023</b> , 35, 472-486.e6	0
541	Spatial multi-omics revealed the impact of tumor ecosystem heterogeneity on immunotherapy efficacy in patients with advanced non-small cell lung cancer treated with bispecific antibody. <b>2023</b> , 11, e006234	O

540	Novel biomarkers for neoplastic progression from ulcerative colitis to colorectal cancer: a systems biology approach. <b>2023</b> , 13,	О
539	Integrated mRNA and miRNA expression analyses for Cryptocaryon irritans resistance in large yellow croaker (Larimichthys crocea). <b>2023</b> , 135, 108650	O
538	Nanopore-Based Direct RNA Sequencing of the Trypanosoma brucei Transcriptome Identifies Novel lncRNAs. <b>2023</b> , 14, 610	О
537	Notch Signaling Pathway in Tooth Shape Variations throughout Evolution. <b>2023</b> , 12, 761	О
536	The molecular basis of differential host responses to avian influenza viruses in avian species with differing susceptibility. 13,	О
535	Effect of the Different Fertilization Treatments Application on Paddy Soil Enzyme Activities and Bacterial Community Composition. <b>2023</b> , 13, 712	O
534	Differential Expression Analysis of Blood MicroRNA in Identifying Potential Genes Relevant to Alzheimer Disease Pathogenesis, Using an Integrated Bioinformatics and Machine Learning Approach. <b>2023</b> , 13, 3071	O
533	A comparative study ofin vitroair-liquid interface culture models of the human airway epithelium evaluating cellular heterogeneity and gene expression at single cell resolution.	Ο
532	Diversity and Differential Expression of MicroRNAs in the Human Skeletal Muscle with Distinct Fiber Type Composition. <b>2023</b> , 13, 659	1
531	Age-related ceRNA networks in adult Drosophila ageing. 14,	1
530	RNA sequencing-based transcriptome analysis of granulosa cells from follicular fluid: Genes involved in embryo quality during in vitro fertilization and embryo transfer. <b>2023</b> , 18, e0280495	О
529	The vitellogenin receptor gene contributes to mating and host-searching behaviors in parasitoid wasps. <b>2023</b> , 26, 106298	O
528	Transcriptomics and metabolomics analysis reveal the anti-oxidation and immune boosting effects of mulberry leaves in growing mutton sheep. 13,	О
527	LINC00858 facilitates formation of hepatic metastases from colorectal cancer via regulating the miR-132-3p/IGF2BP1 axis. <b>2023</b> ,	O
526	Prediction of Weight Loss to Decrease the Risk for Type 2 Diabetes Using Multidimensional Data in Filipino Americans: Secondary Analysis. 8, e44018	О
525	Endogenous salicylic acid suppresses de novo root regeneration from leaf explants. <b>2023</b> , 19, e1010636	O
524	Altered cell function and increased replication of rhinoviruses and EV-D68 in airway epithelia of asthma patients. 14,	О
523	Defects in placental syncytiotrophoblast cells are a common cause of developmental heart disease. <b>2023</b> , 14,	0

522	Peptidoglycan-associated lipoprotein contributes to the virulence of Acinetobacter baumannii and serves as a vaccine candidate. <b>2023</b> , 115, 110590	0
521	Integrated analysis of Dendrobium nobile extract Dendrobin A against pancreatic ductal adenocarcinoma based on network pharmacology, bioinformatics, and validation experiments. 14,	О
520	KCNJ2/HIF1Dositive-feedback loop promotes the metastasis of osteosarcoma. <b>2023</b> , 21,	0
519	Expression of Human Endogenous Retrovirus Group K (HERV-K) HML-2 Correlates with Immune Activation of Macrophages and Type I Interferon Response. <b>2023</b> , 11,	o
518	MicroRNA 483-3p overexpression unleashes invasive growth of metastatic colorectal cancer via NDRG1 downregulation and ensuing activation of the ERBB3 / AKT axis.	0
517	Myeloid-specific deletion of activating transcription factor 6 alpha increases CD11b + macrophage subpopulations and aggravates lung fibrosis.	O
516	CeDAR: incorporating cell type hierarchy improves cell type-specific differential analyses in bulk omics data. <b>2023</b> , 24,	0
515	Maize Terpene Synthase 8 (ZmTPS8) Contributes to a Complex Blend of Fungal-Elicited Antibiotics. <b>2023</b> , 12, 1111	o
514	Effect of low-temperature stress on transcriptome and Na+/K+-ATPase changes in Oreochromis niloticus gill tissues.	0
513	Nanoparticle stereochemistry-dependent endocytic processing improves in vivo mRNA delivery. <b>2023</b> , 15, 508-515	o
512	Multiomics reveals multilevel control of renal and systemic metabolism by the renal tubular circadian clock. <b>2023</b> , 133,	0
511	Bamboo invasion alters Collembola community composition varying with life-forms.	О
510	Bulk RNA-Sequencing of small airway cell cultures from IPF and post-COVID lung fibrosis patients illustrates disease signatures and differential responses to TGF-II treatment.	0
509	ARF suppression by MYC but not MYCN confers increased malignancy of aggressive pediatric brain tumors. <b>2023</b> , 14,	O
508	Gene Signatures of Symptomatic and Asymptomatic Clinical-Immunological Profiles of Human Infection by Leishmania (L.) chagasi in Amazonian Brazil. <b>2023</b> , 11, 653	0
507	Soil Bacterial Community Response to Fire Varies with Slope Aspect at Zhenshan Mountain, East China.	o
506	Holo-omics analysis reveals the influence of gut microbiota on obesity indicators in Jinhua pigs.	0
505	Developmental mRNA clearance by PIWI-bound endo-siRNAs in Paramecium. <b>2023</b> , 42, 112213	0

504	MyeloidZfhx3Deficiency Protects Against Hypercapnia-induced Suppression of Host Defense Against Influenza A Virus.	O
503	MicroRNA408 negatively regulates salt tolerance by affecting secondary cell wall development in maize.	O
502	Computational genomics for understanding of DNA-DNA and protein-protein similarity. 2023, 217-263	O
501	Dopamine Inhibits Arabidopsis Growth through Increased Oxidative Stress and Auxin Activity. <b>2023</b> , 3, 351-371	O
500	Protein nonadditive expression and solubility inArabidopsishybrids and allotetraploids.	О
499	Single-cell gene set enrichment analysis and transfer learning for functional annotation of scRNA-seq data. <b>2023</b> , 5,	O
498	DELongSeq for efficient detection of differential isoform expression from long-read RNA-seq data. <b>2023</b> , 5,	O
497	PANDORA-Seq unveils the hidden small noncoding RNA landscape in atherosclerosis of LDL receptor-deficient mice. <b>2023</b> , 64, 100352	O
496	Systematic Identification of Post-Transcriptional Regulatory Modules.	0
495	BRD9-SMAD2/3 orchestrates stemness and tumorigenesis in pancreatic ductal adenocarcinoma.	O
494	A highly efficient transcriptome-based biosynthesis of non-ethanol chemicals in Crabtree negative Saccharomyces cerevisiae. <b>2023</b> , 16,	0
493	Functional dissection of rice jasmonate receptors involved in development and defense.	O
492	LncRNA INPP5F ameliorates stress-induced hypertension via the miR-335/Cttn axis in rostral ventrolateral medulla.	0
491	coda4microbiome: compositional data analysis for microbiome cross-sectional and longitudinal studies. <b>2023</b> , 24,	1
490	Glycation-mediated tissue-level remodeling of brain meningeal membrane by aging.	O
489	Host selection has stronger impact on leaf microbiome assembly compared to land-management practices.	O
488	Investigating the genetic basis of vertebrate dispersal combining RNA -seq, RAD -seq and quantitative genetics.	О
487	The long noncoding RNA Charme supervises cardiomyocyte maturation by controlling cell differentiation programs in the developing heart. 12,	O

486	PPAR/Ligands Regulate Oxidative Status and Inflammatory Response in Inflamed Corpus Luteum In Vitro Study. <b>2023</b> , 24, 4993	O
485	Inflammatory monocytes promote granuloma control of Yersinia infection. 2023, 8, 666-678	O
484	SEQUIN is an R/Shiny framework for rapid and reproducible analysis of RNA-seq data. 2023, 3, 100420	O
483	Development of a versatile LCM-Seq method for spatial transcriptomics of fluorescently-tagged cholinergic neuron populations.	O
482	Endemic Burkitt lymphoma avatar mouse models for exploring inter-patient tumor variation and testing targeted therapies. <b>2023</b> , 6, e202101355	О
481	First insights into theAurelia auritatranscriptome response upon manipulation of its microbiome.	Ο
480	Detrimental Impact of a Type VI Secretion System on Direct Interspecies Electron Transfer.	О
479	Transcriptome sequencing and microRNAthRNA regulatory network construction in the lens from a Na 2 Se0 3 -induced Sprague Dawley rat cataract model.	О
478	Differential allelic representation (DAR) identifies candidate eQTLs and improves transcriptome analysis.	O
477	Conserved and plant-specific histone acetyltransferase complexes cooperate to regulate gene transcription and plant development. <b>2023</b> , 9, 442-459	О
476	Differential gene expression and mitonuclear incompatibilities in fast- and slow-developing interpopulation Tigriopus californicus hybrids.	О
475	The role of SWEET4 proteins in the post-phloem sugar transport pathway ofSetaria viridissink tissues.	O
474	Detection and targeting of splicing deregulation in pediatric acute myeloid leukemia stem cells. <b>2023</b> , 4, 100962	О
473	Endogenous small intestinal microbiome determinants of transient colonisation efficiency by bacteria from fermented dairy products: a randomised controlled trial. <b>2023</b> , 11,	Ο
472	Transcriptional adaptation of drug-tolerantMycobacterium tuberculosisin mice.	О
471	Integrative single-cell transcriptome analysis reveals new insights into post-COVID-19 pulmonary fibrosis and potential therapeutic targets.	Ο
470	Finding miRNARNA Network Biomarkers for Predicting Metastasis and Prognosis in Cancer. <b>2023</b> , 24, 5052	О
469	Knockout of endoplasmic reticulum localized molecular chaperone HSP90.7 impairs seeding development and cellular auxin homeostasis in Arabidopsis.	O

468	Patient-derived xenograft mouse models to investigate tropism to the central nervous system and retina of primary and secondary central nervous system lymphoma. <b>2023</b> , 49,	О
467	Zbtb46coordinates angiogenesis and immunity to control tumor outcome.	O
466	Effects of rice blast biocontrol strain Pseudomonas alcaliphila Ej2 on the endophytic microbiome and proteome of rice under salt stress. 14,	0
465	SARS-CoV-2 viral replication persists in the human lung for several weeks after onset of symptomatic severe COVID-19 and is associated with attenuated pulmonary immunity and variant-specific clinical sequalae.	O
464	Controlling taxa abundance improves metatranscriptomics differential analysis. 2023, 23,	O
463	Positive response of host root-associated bacterial community and soil nutrients to inhibitory parasitism of dodder.	O
462	Re-engineering a lost trait:IPD3, a master regulator of arbuscular mycorrhizal symbiosis, affects genes for immunity and metabolism of non-host Arabidopsis when restored long after its evolutionary loss.	O
461	A comprehensive review of bioinformatics tools for chromatin loop calling. <b>2023</b> , 24,	O
460	Genome-wide transcriptome and physiological analyses provide new insights into cadmium tolerance of tomato seedlings.	0
459	Interpreting structure in sequence count data with differential expression analysis allowing for grades of membership.	O
458	Discovery of long non-coding RNAs in the liver fluke,Fasciola hepatica.	O
457	A small noncoding RNA links ribosome recovery and translation control to dedifferentiation during salamander limb regeneration. <b>2023</b> , 58, 450-460.e6	O
456	Identification of a pluripotency-inducing small compound, PLU, that induces callus formation via Heat Shock Protein 90-mediated activation of auxin signaling. 14,	O
455	Metabolic reprogramming by Acly inhibition using SB-204990 alters glucoregulation and modulates molecular mechanisms associated with aging. <b>2023</b> , 6,	O
454	Machine learning algorithms assisted identification of post-stroke depression associated biological features. 17,	0
453	Redifferentiated cardiomyocytes retain residual dedifferentiation signatures and are protected against ischemic injury. <b>2023</b> , 2, 383-398	O
452	Detection of genes with differential expression dispersion unravels the role of autophagy in cancer progression. <b>2023</b> , 19, e1010342	0
451	SARS-CoV-2 mRNA vaccines decouple anti-viral immunity from humoral autoimmunity. <b>2023</b> , 14,	Ο

450	SFRP1 induces a stem cell phenotype in prostate cancer cells. 11,	0
449	Alterations in bacterial community dynamics from noncancerous to Gastric cancer. 14,	Ο
448	KIR+CD8+ and NKG2A+CD8+ Ttells are distinct innate-like populations in humans. <b>2023</b> , 42, 112236	0
447	Different lanthanide elements induce strong gene expression changes in a lanthanide-accumulating methylotroph.	О
446	Obligate role for Rock1 and Rock2 in adult stem cell viability and function. 2023, 9, e14238	O
445	Genomic resources for a historical collection of cultivated two-row European spring barley genotypes.	О
444	Transcriptome analysis of auxin transcription factor OsARF17-mediated rice stripe mosaic virus response in rice. 14,	0
443	Differential Effects of Astrocyte Manipulations on Learned Motor Behavior and Neuronal Ensembles in the Motor Cortex. <b>2023</b> , 43, 2696-2713	O
442	A hydrogenotrophic Sulfurimonas is globally abundant in deep-sea oxygen-saturated hydrothermal plumes. <b>2023</b> , 8, 651-665	0
441	Pharmacological disruption of mSWI/SNF complex activity restricts SARS-CoV-2 infection. <b>2023</b> , 55, 471-483	О
440	cMyBP-C ablation in human engineered cardiac tissue causes progressive Ca2+-handling abnormalities. <b>2023</b> , 155,	1
439	Transcriptional profiling of Xanthomonas campestris pv. campestris in viable but nonculturable state. <b>2023</b> , 24,	O
438	Platelet-Derived MicroRNAs Regulate Cardiac Remodeling After Myocardial Ischemia. 2023, 132,	0
437	Identification and Validation of a m5C RNA Modification-Related Gene Signature for Predicting Prognosis and Immunotherapeutic Efficiency of Gastric Cancer. <b>2023</b> , 2023, 1-17	O
436	Identification of the viral and cellular microRNA interactomes during SARS-CoV-2 infection. <b>2023</b> , 42, 112282	0
435	Trophic interactions in microbiomes influence plant host population size and ecosystem function.	О
434	Regional Heterogeneity of Aortic Histology and Transcriptomes In Young Cynomolgus Monkeys.	0
433	Transcription Factor Dynamics in Cross-Regulation of Plant Hormone Signaling Pathways.	O

432	Microglial senescence contributes to female-biased neuroinflammation in the aging mouse hippocampus: implications for Alzheimer disease.	O
431	Complex Analysis of Single-Cell RNA Sequencing Data. <b>2023</b> , 88, 231-252	O
430	Epidermal threads reveal the origin of hagfish slime. 12,	О
429	Upregulation of tandem duplicated BoFLC1 genes is associated with the non-flowering trait in Brassica oleracea var. capitata. <b>2023</b> , 136,	O
428	Constitutive expression and distinct properties of IFN-epsilon protect the female reproductive tract from Zika virus infection. <b>2023</b> , 19, e1010843	0
427	Multi-omics analysis revealed the brain dysfunction induced by energy metabolism in Pelteobagrus vachelli under hypoxia stress. <b>2023</b> , 254, 114749	O
426	Gene expression during the formation of resting spores induced by nitrogen starvation in the marine diatom Chaetoceros socialis. <b>2023</b> , 24,	0
425	Identification of Circular RNA Profiles in the Liver of Diet-Induced Obese Mice and Construction of the ceRNA Network. <b>2023</b> , 14, 688	O
424	Uncovering the link between gut microbiome, highly processed food consumption and diet quality through bioinformatics methods.	0
423	SARS-CoV-2 Mutations Lead to a Decrease in the Number of Tissue-Specific MicroRNA-Binding Regions in the Lung. <b>2023</b> , 174, 527-532	O
422	Transcriptome Analysis During Tetrasporogenesis of Gracilariopsis lemaneiformis and Preliminary Study of the Expressions of Its Meiotic Genes. <b>2023</b> , 22, 541-554	0
421	CRISPR-assisted transcription activation by phase-separation proteins.	O
420	Patterns of unwanted biological and technical expression variation across 49 human tissues.	0
419	Sirtuin3 ensures the metabolic plasticity of neurotransmission during glucose deprivation.	О
418	Phenotypic dimorphism between honeybee queen and worker is regulated by complicated epigenetic modifications. <b>2023</b> , 26, 106308	0
417	A learning experience elicits sex-dependent neurogenomic responses in Bicyclus anynana butterflies.	O
416	OliveAtlas: A Gene Expression Atlas Tool for Olea europaea. <b>2023</b> , 12, 1274	O
415	Leukemic stem cells hijack lineage inappropriate signalling pathways to promote their growth.	O

414	Rapeseed Domestication Affects the Diversity of Rhizosphere Microbiota. 2023, 11, 724	O
413	E1,4-Cellobiohydrolase is involved in full expression of phcA , contributing to the feedback loop in quorum sensing of Ralstonia pseudosolanacearum strain OE1-1.	O
412	SMPD1 expression profile and mutation landscape help decipher genotypephenotype association and precision diagnosis for acid sphingomyelinase deficiency. <b>2023</b> , 160,	О
411	Upregulation of Sarcolemmal Hemichannels and Inflammatory Transcripts with Neuromuscular Junction Instability during Lower Limb Unloading in Humans. <b>2023</b> , 12, 431	O
410	Impact of Temperature and Oxygen Availability on Gene Expression Patterns of Mycobacterium ulcerans. <b>2023</b> , 11,	0
409	MangoBase: A Genomics Portal and Gene Expression Atlas for Mangifera indica. 2023, 12, 1273	О
408	Compensatory gene expression potentially rescues impaired brain development in Kit mutant mice. <b>2023</b> , 13,	O
407	AIRE illuminates the feature of medullary thymic epithelial cells in thymic carcinoma.	О
406	The Regulatory Roles of Ezh2 in Response to Lipopolysaccharide (LPS) in Macrophages and Mice with Conditional Ezh2 Deletion with LysM-Cre System. <b>2023</b> , 24, 5363	0
405	The genetic basis of endometriosis and comorbidity with other pain and inflammatory conditions. <b>2023</b> , 55, 423-436	О
404	Identification of CNGCs in Glycine max and Screening of Related Resistance Genes after Fusarium solani Infection. <b>2023</b> , 12, 439	0
403	The angiopoietin receptor Tie2 is atheroprotective in arterial endothelium. 2023, 2, 307-321	1
402	Transcriptomic Signatures of Single-Suture Craniosynostosis Phenotypes. <b>2023</b> , 24, 5353	О
401	Strategy for the Adaptation to Stressful Conditions of the Novel Isolated Conditional Piezophilic Strain Halomonas titanicae ANRCS81. <b>2023</b> , 89,	o
400	Analysis of blood and nasal epithelial transcriptomes to identify mechanisms associated with control of SARS-CoV-2 viral load in the upper respiratory tract.	o
399	R3-MYB repressor Mybr97 is a candidate gene associated with the Anthocyanin3 locus and enhanced anthocyanin accumulation in maize. <b>2023</b> , 136,	О
398	Time-Series Transcriptome Analysis Reveals the Molecular Mechanism of Ethylene Reducing Cold Sensitivity of Postharvest Huangguan Pear. <b>2023</b> , 24, 5326	o
397	Genomic Landscape and Potential Regulation of RNA Editing in Drug Resistance. 2207357	O

396	Early Fruit Development Regulation-Related Genes Concordantly Expressed with TCP Transcription Factors in Tomato (Solanum lycopersicum). <b>2023</b> , 45, 2372-2380	0
395	A Preliminary Comparison of the Methylome and Transcriptome from the Prefrontal Cortex Across Alzheimer Disease and Lewy Body Dementia. <b>2023</b> , 7, 279-297	Ο
394	Identification and characterization of CircRNA-associated CeRNA networks in moso bamboo under nitrogen stress. <b>2023</b> , 23,	0
393	Expression profiles of meiotic genes in male vs. female gonads and gametes: Insights into fertility issues. 14,	O
392	MicroRNA Profiling of Self-Renewing Human Neural Stem Cells Reveals Novel Sets of Differentially Expressed microRNAs During Neural Differentiation In Vitro.	0
391	A neomorphic mutation in the interferon activation domain of IRF4 causes a dominant primary immunodeficiency. <b>2023</b> , 220,	O
390	Cell-specific clock-controlled gene expression program regulates rhythmic fiber cell growth in cotton. <b>2023</b> , 24,	0
389	Site-specific analysis reveals candidate cross-kingdom small RNAs, tRNA and rRNA fragments, and signs of fungal RNA phasing in the barleypowdery mildew interaction.	O
388	Identification of long noncoding RNAs involved in plumule-vernalization of Chinese cabbage. 14,	0
387	Sporulation Activated via IW Protects Bacillus from a Tse1 Peptidoglycan Hydrolase Type VI Secretion System Effector. <b>2023</b> , 11,	O
386	Behavioral screening of sleep-promoting effects of human intestinal and food-associated bacteria on Drosophila melanogaster.	0
385	Multiplex imaging of breast cancer lymph node metastases identifies prognostic single-cell populations independent of clinical classifiers. <b>2023</b> , 4, 100977	0
384	Human Brain Microvascular Endothelial Cells Exposure to SARS-CoV-2 Leads to Inflammatory Activation through NF-B Non-Canonical Pathway and Mitochondrial Remodeling. 2023, 15, 745	0
383	Age matters: Life-stage, tissue, and sex-specific gene expression dynamics in Ips typographus (Coleoptera: Curculionidae: Scolytinae). 6,	0
382	Age-dependent roles of cardiac remodeling in sepsis defense and pathogenesis.	0
381	Deciphering the gut microbiome of grass carp through multi-omics approach.	O
380	Low dissolved oxygen supply functions as a global regulator of the growth and metabolism of Aurantiochytrium sp. PKU#Mn16 in the early stages of docosahexaenoic acid fermentation. <b>2023</b> , 22,	O
379	Multiscale mapping of transcriptomic signatures for cardiotoxic drugs.	0

378	Invention of 3Mint for feature grouping and scoring in multi-omics. 14,	1
377	Stroke-related gene expression profiles across species: A meta-analysis.	О
376	Overexpression of Lmo2 initiates T-lymphoblastic leukemia via impaired thymocyte competition. <b>2023</b> , 220,	0
375	Identification of asthma-related genes using asthmatic blood eQTLs of Korean patients.	o
374	EpiCRISPR targeted methylation of Arx gene initiates transient switch of mouse pancreatic alpha to insulin-producing cells. 14,	0
373	Combinatorial treatment rescues tumour-microenvironment-mediated attenuation of MALT1 inhibitors in B-cell lymphomas. <b>2023</b> , 22, 511-523	o
372	HOTAIR as a diagnostic and prognostic biomarker of gastrointestinal cancers: an updated meta-analysis and bioinformatics analysis based on TCGA data. <b>2023</b> , 43,	0
371	Statistical Analysis in ChIP-seq-Related Applications. <b>2023</b> , 169-181	О
370	Diseased-induced multifaceted variations in community assembly and functions of plant-associated microbiomes. 14,	0
369	Network-Based Method to Investigate the Promoted Cell Apoptosis Mechanisms of Oridonin in OSCC through the RNA-Transcriptome. <b>2023</b> , 2023, 1-10	О
368	The Role of IL-13 and IL-4 in Adipose Tissue Fibrosis. <b>2023</b> , 24, 5672	O
367	Performance comparisons between clustering models for reconstructing NGS results from technical replicates. 14,	О
366	Motif elucidation in ChIP-seq datasets with a knockout control. <b>2023</b> , 3,	0
365	An in silico approach to the identification of diagnostic and prognostic markers in low-grade gliomas. 11, e15096	О
364	Asparagine starvation suppresses histone demethylation through iron depletion. <b>2023</b> , 26, 106425	O
363	The impact of SWI/SNF and NuRD inactivation on gene expression is tightly coupled with levels of RNA polymerase II occupancy at promoters. <b>2023</b> , 33, 332-345	O
362	NOMe-HiC: joint profiling of genetic variant, DNA methylation, chromatin accessibility, and 3D genome in the same DNA molecule. <b>2023</b> , 24,	0
361	Verification of prognostic expression biomarkers is improved by examining enriched leukemic blasts rather than mononuclear cells from acute myeloid leukemia patients. <b>2023</b> , 11,	O

360	Analysis of Single-Cell RNA-seq Data. <b>2023</b> , 95-114	О
359	Heterochronic parabiosis reprograms the mouse brain transcriptome by shifting aging signatures in multiple cell types. <b>2023</b> , 3, 327-345	Ο
358	Dirigent gene editing of gossypol enantiomers for toxicity-depleted cotton seeds. 2023, 9, 605-615	О
357	Hypothalamic thyroid hormone deficiency underlies reversible anorexia in a mammalian hibernator.	O
356	A central chaperone-like role for 14-3-3 proteins in human cells. 2023, 83, 974-993.e15	O
355	Sex matters: predator presence induces sexual dimorphism in a monomorphic prey, from stress genes to morphological defences. <b>2023</b> , 77, 304-317	O
354	ProInfer: An interpretable protein inference tool leveraging on biological networks. 2023, 19, e1010961	0
353	Riboflavin mediates m6A modification targeted by miR408, promoting early somatic embryogenesis in longan.	Ο
352	Larval transcriptomes reflect the evolutionary history of plantihsect associations. 2023, 77, 519-533	0
351	Latexin regulates sex dimorphism in hematopoiesis via gender-specific differential expression of microRNA 98-3p and thrombospondin 1. <b>2023</b> , 42, 112274	1
350	A survey of lineage-specific genes in Triticeae reveals de novo gene evolution from genomic raw material. <b>2023</b> , 7,	0
349	SOCS1 regulates a subset of NFB-target genes through direct chromatin binding and defines macrophage functional phenotypes. <b>2023</b> , 26, 106442	Ο
348	Diagnostic classification of childhood cancer using multiscale transcriptomics. 2023, 29, 656-666	О
347	Antipsychotic drug use complicates assessment of gene expression changes associated with schizophrenia. <b>2023</b> , 13,	Ο
346	TWEAK/Fn14 Signalling Regulates the Tissue Microenvironment in Chronic Pancreatitis. 2023, 15, 1807	Ο
345	Measuring biological age using a functionally interpretable multi-tissue RNA clock.	Ο
344	Adaptation Strategies to High Hydrostatic Pressures in Pseudothermotoga species Revealed by Transcriptional Analyses. <b>2023</b> , 11, 773	O
343	The vascular gene Apold1 is dispensable for normal development but controls angiogenesis under pathological conditions.	O

342	Integrative omics identifies conserved and pathogen-specific responses of sepsis-causing bacteria. <b>2023</b> , 14,	О
341	Cancer mutations rewire the RNA methylation specificity of METTL3-METTL14.	Ο
340	Harnessing PROTAC technology to combat stress hormone receptor activation.	О
339	6mA-Sniper: Quantifying 6mA Sites in Eukaryotes at Single-Nucleotide Resolution.	O
338	Airway epithelial response to RSV is impaired in multiciliated and goblet cells in asthma.	О
337	Monitoring autophagic flux in vivo revealed its physiological response and significance of heterogeneity in pancreatic beta cells. <b>2023</b> ,	O
336	Posterior Inference of Differential Expression (DE) State and Evolutionary Distance.	0
335	Construction of Metastasis-Specific Regulation Network in Ovarian Cancer Based on Prognostic Stemness-Related Signatures.	Ο
334	Interspecific plant interaction via root exudates structures the disease suppressiveness of hizosphere microbiomes. <b>2023</b> ,	0
333	Gene augmentation for autosomal dominant retinitis pigmentosa using rhodopsin genomic loci nanoparticles in the P23H+/Iknock-in murine model.	Ο
332	Ectodermal Wnt signaling, cell fate determination, and polarity of the skate gill arch skeleton. 12,	0
331	Quantitative Phosphoproteomic Analysis Reveals Potential Regulatory Mechanisms of Early Fruit Enlargement in Pecan (Carya illinoinensis). <b>2023</b> , 71, 4901-4914	Ο
330	Multiscale integration of human and single-cell variations reveals unadjuvanted vaccine high responders are naturally adjuvanted.	0
329	Transcriptional Regulation of Female and Male Flower Bud Initiation and Development in Pecan (Carya illinoensis). <b>2023</b> , 12, 1378	Ο
328	RNA sequencing-based exploration of the effects of far-red light on microRNAs involved in the shade-avoidance response of D. officinale. 11, e15001	О
327	Stepwise activities of mSWI/SNF family chromatin remodeling complexes direct T cell activation and exhaustion. <b>2023</b> , 83, 1216-1236.e12	Ο
326	PRMT5 and CDK4/6 inhibition result in distinctive patterns of alternative splicing in melanoma.	0
325	Transcriptomic Modulation Reveals the Specific Cellular Response in Chinese Sea Bass (Lateolabrax maculatus) Gills under Salinity Change and Alkalinity Stress. <b>2023</b> , 24, 5877	O

324	Exploration of the common genetic landscape of COVID-19 and male infertility. 14,	O
323	Comparative transcriptome profiling of high and low grain-iron containing Indian barnyard millet (Echinochloa frumentacea L.) genotypes during different stages of grain development.	O
322	Transcriptomic and Metabolomic Profiles Provide Insights into the Red-Stipe Symptom of Morel Fruiting Bodies. <b>2023</b> , 9, 373	O
321	Selective deployment of virulence effectors correlates with host specificity in a fungal plant pathogen. <b>2023</b> , 238, 1578-1592	O
320	ATG5 suppresses type I IFN-dependent neutrophil swarming and NETosis.	O
319	Integrative proteomics and transcriptomics of human T-cells reveals temporal metabolic reprogramming following TCR-induced activation.	O
318	Analysis of Small Non-coding RNAs as Signaling Intermediates of Environmentally Integrated Responses to Abiotic Stress. <b>2023</b> , 403-427	О
317	Neuronal identity defines Bynuclein and tau toxicity. <b>2023</b> ,	O
316	miRNome profiling reveals differential miRNAs associated with embryogenic potential in the somatic mbryogenesis of Araucaria angustifolia.	0
315	Benchmarking integration of single-cell differential expression. <b>2023</b> , 14,	O
314	Tuft cell-derived acetylcholine regulates epithelial fluid secretion.	0
313	Cocktails of NSAIDs and 17Æthinylestradiol at Environmentally Relevant Doses in Drinking Water Alter Puberty Onset in Mice Intergenerationally. <b>2023</b> , 24, 5890	O
312	Bioinformatics-based investigation on the genetic influence between SARS-CoV-2 infections and idiopathic pulmonary fibrosis (IPF) diseases, and drug repurposing. <b>2023</b> , 13,	0
311	Systematic Characterization and Regulatory Role of lncRNAs in Asian Honey Bees Responding to Microsporidian Infestation. <b>2023</b> , 24, 5886	O
310	Commensal microbiota modulates phenotypic characteristics and gene expression in piglet Peyer patches. 14,	0
309	A transcriptionally distinct subset of influenza-specific effector memory B cells predicts long-lived antibody responses to vaccination in humans. <b>2023</b> , 56, 847-863.e8	O
308	IGF2BP1 induces high-risk neuroblastoma and forms a druggable feedforward loop with MYCN promoting 17q oncogene expression.	O
307	Endosymbiont-containing germarium transcriptional survey in a cereal weevil depicts downregulation of immune effectors at the onset of sexual maturity. 14,	O

306	A transcription factor of the NAC family regulates nitrate-induced legume nodule senescence.	O
305	Stromal Senescence following Treatment with the CDK4/6 Inhibitor Palbociclib Alters the Lung Metastatic Niche and Increases Metastasis of Drug-Resistant Mammary Cancer Cells. <b>2023</b> , 15, 1908	O
304	Gene clustering and co-expression analysis for the identification of putative transcription factors associated with the genes of secondary metabolic pathways in Plantago ovata Forsk. and its wild allies.	0
303	Identification and characterization of extrachromosomal circular DNA in patients with high myopia and cataract. <b>2023</b> , 18,	O
302	Bioinformatics approaches to analyzing CRISPR screen data: from dropout screens to single-cell CRISPR screens. <b>2022</b> , 10, 307	О
301	Full-length RNA sequencing reveals the mechanisms by which an TSWVHCRV complex suppresses plant basal resistance. 14,	o
300	Thrombospondin1 mimics rapidly relieve depression via Shank3 dependent uncoupling between dopamine D1 and D2 receptors. <b>2023</b> , 26, 106488	0
299	Integrative omics-analysis of lipid metabolism regulation by peroxisome proliferator-activated receptor a and b agonists in male Atlantic cod. 14,	O
298	Matrix Stiffness Activating YAP/TEAD1-Cyclin B1 in Nucleus Pulposus Cells Promotes Intervertebral Disc Degeneration. <b>2023</b> , 0	O
297	Studies on 1-deoxynojirimycin biosynthesis in mulberry (Morus alba L.) seeds through comparative transcriptomics. 1-10	O
296	Genome-Wide Identification, Molecular Characterization, and Involvement in Response to Abiotic and Biotic Stresses of the HSP70 Gene Family in Turbot (Scophthalmus maximus). <b>2023</b> , 24, 6025	O
295	Enabling growth-decoupled Komagataella phaffii recombinant protein production based on the methanol-free PDH promoter. 11,	O
294	Interneuron diversity in the human dorsal striatum.	O
293	Tn5 tagments and transposes oligos to single-stranded DNA for strand-specific RNA sequencing. <b>2023</b> , 33, 412-426	o
292	Multiple gene co-options underlie the rapid evolution of sexually deceptive flowers in Gorteria diffusa. <b>2023</b> ,	0
291	The DREAM complex functions as conserved master regulator of somatic DNA-repair capacities. <b>2023</b> , 30, 475-488	O
290	Upregulation of CXCL1 and FCGR1A is Associated With the ischemic stroke and Crohn∄ Disease.	O
289	Assembly processes underlying bacterial community differentiation among geographically close mangrove forests. <b>2023</b> , 2, 73-88	O

288	Complete male-to-female sex reversal in XY mice lacking themiR-17~92cluster.	О
287	Prioritizing exhausted Tcell marker genes highlights immune subtypes in pan-cancer. <b>2023</b> , 26, 106484	О
286	DEVEA: an interactive shiny application for Differential Expression analysis, data Visualization and Enrichment Analysis of transcriptomics data. 11, 711	O
285	A post-transcriptional regulatory landscape of aging in the female mouse hippocampus. 15,	O
284	Reduced levels of N6-methyladenosine in RNA of peripheral blood mononuclear cells from patients with Alzheimer's disease.	О
283	Whole transcriptome analysis and construction of a ceRNA regulatory network related to leaf and petiole development in Chinese cabbage (Brassica campestris L. ssp. pekinensis). <b>2023</b> , 24,	O
282	Involvement of endoplasmic reticulum stress in trigeminal ganglion corneal neuron injury in dry eye disease. 16,	O
281	The clinical significance and mechanism of microRNA-22-3p targeting TP53 in lung adenocarcinoma. <b>2023</b> , 1-17	О
280	Integrated analysis of transcriptome, small RNA, and phytohormonal content changes between <i>Artemisia annua</i> Linn. and <i>Nicotiana benthamiana</i> Domin in heterogeneous grafting. <b>2023</b> , 2, 0-0	0
279	Baseline gene expression in subcutaneous adipose tissue predicts diet-induced weight loss in individuals with obesity. 11, e15100	O
278	Supervised learning of high-confidence phenotypic subpopulations from single-cell data.	O
277	Comparative transcriptome analysis reveals the phosphate starvation alleviation mechanism of phosphate accumulating Pseudomonas putida in Arabidopsis thaliana. <b>2023</b> , 13,	0
276	Egr-2 coordinates intestinal remodeling by promoting midline patterning and pharynx regeneration in planarians.	0
275	Epigenomic Blood-Based Early Detection of Pancreatic Cancer Employing Cell-Free DNA. 2023,	O
274	TMEM106B coding variant is protective and deletion detrimental in a mouse model of tauopathy.	O
273	Proteomic survey of the DNA damage response inCaulobacter crescentusreveals evidence of post-transcriptional control.	O
272	Epitranscriptome analysis of NAD-capped RNA by spike-in-based normalization.	0
271	Generation of functional oocytes from male mice in vitro. <b>2023</b> , 615, 900-906	O

270	Novel long non-coding RNAs associated with inflammation and macrophage activation in human. <b>2023</b> , 13,	0
269	ISL1 controls pancreatic alpha cell fate and beta cell maturation. 2023, 13,	O
268	Pan-genome inversion index reveals evolutionary insights into the subpopulation structure of Asian rice. <b>2023</b> , 14,	О
267	Loss of H3K9 trimethylation alters chromosome compaction and transcription factor retention during mitosis. <b>2023</b> , 30, 489-501	O
266	Transcriptomic profiles of the ruminal wall in Italian Mediterranean dairy buffaloes fed green forage. <b>2023</b> , 24,	О
265	Unveiling the underlying molecular mechanisms of high lutein production efficiency in Chlorella sorokiniana FZU60 under a mixotrophy/photoautotrophy two-stage strategy by transcriptomic, physiological, and biochemical analyses. <b>2023</b> , 16,	O
264	A deeper insight into the sialome of male and female Culex quinquefasciatus mosquitoes. <b>2023</b> , 24,	О
263	Myoscaffolds reveal laminin scarring is detrimental for stem cell function while sarcospan induces compensatory fibrosis. <b>2023</b> , 8,	О
262	Protective effects of resveratrol on the ethanol-induced disruption of retinogenesis in pluripotent stem cell-derived organoids.	O
261	A pyroptosis-related gene signature for prognosis prediction in hepatocellular carcinoma. 13,	О
<b>2</b> 60	Adaptively Integrative Association between Multivariate Phenotypes and Transcriptomic Data for Complex Diseases. <b>2023</b> , 14, 798	0
259	Comparative Transcriptomic Analysis Reveals the Functionally Segmented Intestine in Tunicate Ascidian. <b>2023</b> , 24, 6270	O
258	Histone deacetylase 1 maintains lineage integrity through histone acetylome refinement during early embryogenesis. 12,	0
257	Chromosome-scale de novo genome assembly and annotation of three representative Casuarina species: C. equisetifolia, C. glauca, and C. cunninghamiana.	О
256	Golgi-apparatus genes related signature for predicting the progression-free interval of patients with papillary thyroid carcinoma. <b>2023</b> , 16,	О
255	The genomic landscape of ANCA-associated vasculitis: Distinct transcriptional signatures, molecular endotypes and comparison with systemic lupus erythematosus. 14,	О
254	Transcriptome Analysis of the Mouse Medial Prefrontal Cortex in a Chronic Constriction Injury Model.	0
253	Integrated Analysis of lncRNAthRNA Regulatory Networks Related to Lipid Metabolism in High-Oleic-Acid Rapeseed. <b>2023</b> , 24, 6277	O

252	NUAK1 governs centrosome replication in pancreatic cancer via MYPT1 / PP1 and GSK3 dependent regulation of PLK4.	О
251	MORF2-mediated plastidial retrograde signaling is involved in stress response and skotomorphogenesis beyond RNA editing. 14,	O
250	Establishment and validation of a novel anoikis-related prognostic signature of clear cell renal cell carcinoma. 14,	0
249	Lipid-based Nanocarriers Enabled Oral Delivery of Oleanolic Acid Derivative DKS26 for Diabetes Management.	O
248	Screening of core genes and prediction of ceRNA regulation mechanism of circRNAs in nasopharyngeal carcinoma by bioinformatics analysis. 29,	O
247	An ancient testis-specific IQ motif-containing H gene regulates specific transcript isoform expression during spermatogenesis. <b>2023</b> , 150,	O
246	Comparative analysis of soybean transcriptional profiles reveals defense mechanisms involved in resistance againstDiaporthe caulivora.	O
245	Characterization of microRNAs and Target Genes in Musa acuminata subsp. burmannicoides, var. Calcutta 4 during Interaction with Pseudocercospora musae. <b>2023</b> , 12, 1473	O
244	Integrated transcriptomics contrasts fatty acid metabolism with hypoxia response in Etell subpopulations associated with glycemic control. <b>2023</b> , 24,	O
243	Metagenomics Provides a Deeper Assessment of the Diversity of Bacterial Communities in Polar Soils Than Metabarcoding. <b>2023</b> , 14, 812	O
242	The phenotype of the most common human ADAR1p150 Z@mutation P193A in mice is partially penetrant.	O
241	Potential key genes involved in metabolic resistance to malathion in the southern house mosquito, Culex quinquefasciatus, and functional validation of CYP325BC1 and CYP9M12 as candidate genes using RNA interference. <b>2023</b> , 24,	O
240	Muscle cell-type diversification is driven by bHLH transcription factor expansion and extensive effector gene duplications. <b>2023</b> , 14,	0
239	Two haplotype-resolved genomes of highly heterozygous AAB allotriploid bananas provide insights into subgenome asymmetric evolution and banana wilt control.	O
238	Transcription factor NFIC activates STK11 transcription to repress the proliferation, migration, and invasion of lung adenocarcinoma cells. <b>2023</b> , 35,	O
237	Hyaluronic acid microparticles for effective spheroid culture and transplantation in liver tissue. <b>2023</b> , 464, 142666	O
236	The immune response to a fungus in pancreatic cancer samples.	O
235	VEGF Induces Expression of Genes That Either Promote or Limit Relaxation of the Retinal Endothelial Barrier. <b>2023</b> , 24, 6402	O

234	Differentiation of uniparental human embryonic stem cells into granulosa cells reveals a paternal contribution to gonadal development. <b>2023</b> , 18, 817-828	О
233	Blood transcriptome of Rasa Aragonesa rams with different sexual behavior phenotype reveals CRYL1 and SORCS2 as genes associated with this trait. <b>2023</b> , 101,	O
232	Mouse Spinal Cord Vascular Transcriptome Analysis Identifies CD9 and MYLIP as Injury-Induced Players. <b>2023</b> , 24, 6433	Ο
231	The EN-TEx resource of multi-tissue personal epigenomes & amp; variant-impact models. 2023, 186, 1493-15	511. <b>e</b> 40
230	A single-nucleus transcriptome-wide association study implicates novel genes in depression pathogenesis.	0
229	Urinary phthalate metabolites and small non-coding RNAs from seminal plasma extracellular vesicles among men undergoing infertility treatment <b>2023</b> , 121529	0
228	Using metatranscriptomics to better understand the role of microbial nitrogen cycling in coastal sediment benthic flux denitrification efficiency.	0
227	A novel method for visualizing in-vivo rates of protein degradation provides insight into how TRIM28 regulates muscle size. <b>2023</b> , 26, 106526	O
226	RNA Polymerase II transcription independent of TBP. 12,	0
225	RNA sequencing revealed the multi-stage transcriptome transformations during the development of gallbladder cancer associated with chronic inflammation. <b>2023</b> , 18, e0283770	O
224	Silicon ameliorates clubroot responses in canola (Brassica napus): A fhulti-omics Dased investigation into possible mechanisms. <b>2023</b> , 175,	0
223	Computational approaches for detecting disease-associated alternative splicing events.	Ο
222	Transcriptome Analysis of Resistant and Susceptible Pecan (Carya illinoinensis) Reveals the Mechanism of Resistance to Black Spot Disease (Colletotrichum fioriniae). <b>2023</b> , 71, 5812-5822	0
221	A zebrafish model of growth hormone insensitivity syndrome with immune dysregulation 1 (GHISID1). <b>2023</b> , 80,	O
220	T cell immunotherapies engage neutrophils to eliminate tumor antigen escape variants. <b>2023</b> , 186, 1432-14	47. <b>€</b> 17
219	Identification of molecular markers of immune cell infiltration in diabetic nephropathy by weighted gene co-expression network analysis (WGCNA).	Ο
218	Best practices for single-cell analysis across modalities.	0
217	A human skeletal muscle stem/myotube model reveals multiple signaling targets of cancer secretome in skeletal muscle. <b>2023</b> , 26, 106541	Ο

216	Sequencing of the Pituitary Transcriptome after GnRH Treatment Uncovers the Involvement of lncRNA-m23b/miR-23b-3p/CAMK2D in FSH Synthesis and Secretion. <b>2023</b> , 14, 846	0
215	Integrated single cell analysis shows chronic alcohol drinking disrupts monocyte differentiation in the bone marrow niche.	O
214	Gene expression differentiation in the reproductive tissues of Drosophila willistoni subspecies and their hybrids.	О
213	Nuclei on the Rise: When Nuclei-Based Methods Meet Next-Generation Sequencing. 2023, 12, 1051	O
212	Interrogating the Diversity of Vaginal, Endometrial, and Fecal Microbiomes in Healthy and Metritis Dairy Cattle. <b>2023</b> , 13, 1221	0
211	Site-1 protease inhibits mitochondrial respiration by controlling the TGF-larget gene Mss51. <b>2023</b> , 42, 112336	O
210	Malonylation of Acetyl-CoA carboxylase 1 promotes hepatic steatosis and is attenuated by ketogenic diet in NAFLD. <b>2023</b> , 42, 112319	0
209	Actionable genetic screens unveil targeting of AURKA, MEK and fatty acid metabolism as an alternative therapeutic approach for advanced melanoma. <b>2023</b> ,	O
208	Comprehensive Transcriptome Analysis of Responses during Cold Stress in Wheat (Triticum aestivum L.). <b>2023</b> , 14, 844	O
207	miR-6087 Might Regulate Cell Cycle <b>R</b> elated mRNAs During Cardiomyogenesis of hESCs. <b>2023</b> , 17, 11779	322231619
207	miR-6087 Might Regulate Cell CycleRelated mRNAs During Cardiomyogenesis of hESCs. 2023, 17, 11779  The effects of circularly polarized light on mating behavior and gene expression in Anomala corpulenta (Coleoptera: Scarabaeidae). 14,	0322231:1619
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206	The effects of circularly polarized light on mating behavior and gene expression in Anomala corpulenta (Coleoptera: Scarabaeidae). 14,  Integrated transcriptome and metabolome analysis revealed that flavonoids enhanced the	О
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206 205 204	The effects of circularly polarized light on mating behavior and gene expression in Anomala corpulenta (Coleoptera: Scarabaeidae). 14,  Integrated transcriptome and metabolome analysis revealed that flavonoids enhanced the resistance of Oryza sativa against Meloidogyne graminicola. 14,  Explaining the optimistic performance evaluation of newly proposed methods: A cross-design validation experiment.  Role of the RNA-binding protein ZC3H41 in the regulation of ribosomal protein messenger RNAs in	O O
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206 205 204 203	The effects of circularly polarized light on mating behavior and gene expression in Anomala corpulenta (Coleoptera: Scarabaeidae). 14,  Integrated transcriptome and metabolome analysis revealed that flavonoids enhanced the resistance of Oryza sativa against Meloidogyne graminicola. 14,  Explaining the optimistic performance evaluation of newly proposed methods: A cross-design validation experiment.  Role of the RNA-binding protein ZC3H41 in the regulation of ribosomal protein messenger RNAs in trypanosomes. 2023, 16,  Distinct cervical tissue-adherent and luminal microbiome communities correlate with mucosal host gene expression and protein levels in Kenyan sex workers. 2023, 11,  The pathogenetic influence of smoking on SARS-CoV-2 infection: Integrative transcriptome and	O O O O

198	Model-based differential sequencing analysis.	О
197	Inference of differentially expressed genes using generalized linear mixed models in a pairwise fashion. 11, e15145	0
196	Transcriptomic data meta-analysis reveals common and injury model specific gene expression changes in the regenerating zebrafish heart. <b>2023</b> , 13,	О
195	Different approaches to Imaging Mass Cytometry data analysis. <b>2023</b> , 3,	О
194	The miRNA Landscape of Lacrimal Glands in a Murine Model of Autoimmune Dacryoadenitis. <b>2023</b> , 64, 1	О
193	Skeletal muscle gene expression dysregulation in long-term spaceflights and aging is clock-dependent. <b>2023</b> , 9,	0
192	Human Adult Astrocyte Extracellular Vesicle Transcriptomics Study Identifies Specific RNAs Which Are Preferentially Secreted as EV Luminal Cargo. <b>2023</b> , 14, 853	O
191	Distinct subpopulations of DN1 thymocytes exhibit preferential 🏻 lineage potential. 14,	О
190	Comparative Transcriptomic Analysis of Archival Human Vestibular Schwannoma Tissue from Patients with and without Tinnitus. <b>2023</b> , 12, 2642	0
189	Comparative transcriptomics of aphid species that diverged > 22 MYA reveals genes that are important for the maintenance of their symbiosis. 2023, 13,	O
188	Targeting the NF- <b>B</b> pathway enhances responsiveness of mammary tumors to JAK inhibitors. <b>2023</b> , 13,	0
187	Major proliferation of transposable elements shaped the genome of the soybean rust pathogen Phakopsora pachyrhizi. <b>2023</b> , 14,	О
186	Gre factors help Salmonella adapt to oxidative stress by improving transcription elongation and fidelity of metabolic genes. <b>2023</b> , 21, e3002051	0
185	Investigating miR-9 as a mediator in laryngeal cancer health disparities. 13,	О
184	The Snapdragon Genomes Reveal the Evolutionary Dynamics of the S-Locus Supergene. <b>2023</b> , 40,	O
183	Disruption of a BTB-ZF transcription factor causes female sterility and melanization in the larval body of the silkworm,Bombyx mori.	О
182	Plant domestication shapes rhizosphere microbiome assembly and metabolic functions. 2023, 11,	О
181	Transcriptional analysis reveals that the intracellular lipid accumulation impairs gene expression profiles involved in insulin response-associated cardiac functionality.	o

180	Transcriptomic analyses reveal regional signatures in lung allograft recipients.	0
179	Dividing out quantification uncertainty allows efficient assessment of differential transcript expression.	O
178	Gse1, a component of the CoREST complex, is required for placenta development in the mouse. <b>2023</b> , 498, 97-105	0
177	C-terminal frameshift variant of TDP-43 with pronounced aggregation-propensity causes rimmed vacuole myopathy but not ALS/FTD.	O
176	transXpress: a Snakemake pipeline for streamlined de novo transcriptome assembly and annotation. <b>2023</b> , 24,	0
175	Circular RNA PDK1 targets miR -4731-5p to enhance TNXB expression in ligamentum flavum hypertrophy. <b>2023</b> , 37,	O
174	Experimentally induced active and quiet sleep engage non-overlapping transcriptomes inDrosophila.	0
173	FaGAPC2/FaPKc2.2 and FaPEPCK reveal differential citric acid metabolism regulation in late development of strawberry fruit. 14,	o
172	A compendium of stable hotspots in the CHO genome.	О
171	The peptide woods are lovely, dark and deep: Hunting for novel cancer antigens. <b>2023</b> , 67, 101758	o
170	Small RNA sequencing of circulating small extracellular vesicles microRNAs in patients with amyotrophic lateral sclerosis. <b>2023</b> , 13,	О
169	Small RNA shuffling between murine sperm and their cytoplasmic droplets during epididymal maturation. <b>2023</b> ,	o
168	T STEM -like CAR-T cells exhibit improved persistence and tumor control compared with conventional CAR-T cells in preclinical models. <b>2023</b> , 15,	О
167	Both cell autonomous and non-autonomous processes modulate the association between replication timing and mutation rate.	O
166	Etiology of oncogenic fusions in 5,190 childhood cancers and its clinical and therapeutic implication. <b>2023</b> , 14,	О
165	Integrative Analysis of DNA Methylation and Gene Expression Data Identifies Potential Biomarkers and Functional Epigenetic Modules for SARS-CoV-2.	0
164	Atypical teratoid/rhabdoid tumoroids reveal subgroup-specific drug vulnerabilities.	0
163	Rewiring of miRNA-mRNA bipartite co-expression network as a novel way to understand the prostate cancer related players. 1-12	О

162	The m6A reader YTHDC1 and the RNA helicase DDX5 control the production of rhabdomyosarcoma-enriched circRNAs. <b>2023</b> , 14,	О
161	WAX INDUCER 1 Regulates Diketone Biosynthesis by Mediating Expression of the Cer-cqu Gene Cluster in Barley. <b>2023</b> , 24, 6762	O
160	Sampling strategies for sugarcane using either clonal replicates or diverse genotypes can bias the conclusions of RNA-Seq studies. <b>2023</b> , 46,	0
159	GEGVIC: A workflow to analyze Gene Expression, Genetic Variations and Immune cell Composition of tumor samples using Next Generation Sequencing data.	O
158	Transcriptome analysis reveals differences in cell cycle, growth and migration related genes that distinguish fibroblasts derived from pre-invasive and invasive breast cancer. 13,	0
157	Chromosome-level genome assembly of the yellow boxfish (Ostracion cubicus) provides insights into the evolution of bone plates and ostracitoxin secretion. 10,	O
156	Genipin prevents alpha-synuclein aggregation and toxicity by affecting endocytosis, metabolism and lipid storage. <b>2023</b> , 14,	0
155	Multiomics Approach to Understanding Olaparib Resistance and Predicting Drug Response.	O
154	RSim: A Reference-Based Normalization Method via Rank Similarity.	О
153	Rhythm of the First Language: Dynamics of Extracellular Vesicle-Based EmbryoMaternal Communication in the Pre-Implantation Microenvironment. <b>2023</b> , 24, 6811	O
152	Transcriptomic Profile of Penicillium digitatum Reveals Novel Aspects of the Mode of Action of the Antifungal Protein AfpB.	О
151	3D architecture and a bi-cellular mechanism of touch detection in mechanosensory corpuscle.	O
150	The super-enhancer landscape reflects molecular subgroups of adrenocortical carcinoma.	О
149	Bacillus- and Lactobacillus-Based Dietary Synbiotics Are Associated with Shifts in the Oropharyngeal, Proximal Colonic, and Vaginal Microbiomes of Korean Native Black Pigs. <b>2023</b> , 9, 359	Ο
148	Differential gene expression underlying the biosynthesis of Dufour's gland signals in Bombus impatiens. <b>2023</b> , 3, 100056	О
147	Analysis of the P.Ilividus sea urchin genome highlights contrasting trends of genomic and regulatory evolution in deuterostomes. <b>2023</b> , 3, 100295	O
146	The microbiota and immune system non-genetically affect offspring phenotypes transgenerationally.	0
145	CD8+ Titells promote HIV latency by remodeling CD4+ Titell metabolism to enhance their survival, quiescence, and stemness. <b>2023</b> ,	O

144	Age-related alterations in meningeal immunity drive impaired CNS lymphatic drainage. 2023, 220,	O
143	Regulation of immune responses in primary biliary cholangitis: a transcriptomic analysis of peripheral immune cells. <b>2023</b> , 7,	O
142	Synthetically mannosylated antigens induce antigen-specific humoral tolerance and reduce anti-drug antibody responses to immunogenic biologics.	0
141	Standardization and Interpretation of RNA-sequencing for Transplantation. Publish Ahead of Print,	O
140	Intracellular Cytomatrix, Immobilized Biocatalysis, Matrix Micromechanics and The Warburg Effect: Entanglement of Two Age-Old Mysteries of the Normal and Malignant Cell.	0
139	The impact of endometrial scratch performed in mid-luteal phase on the endometrium whole genome transcriptomic profiles in following menstrual cycle. 1-9	O
138	Pan-cancer analysis of the ion permeome reveals functional regulators of glioblastoma aggression.	0
137	SOX18-enforced expression diverts hemogenic endothelium-derived progenitors from T towards NK lymphoid pathways. <b>2023</b> , 26, 106621	Ο
136	Prior anti-CTLA-4 therapy impacts molecular characteristics associated with anti-PD-1 response in advanced melanoma. <b>2023</b> , 41, 791-806.e4	О
135	Restoring bone marrow niche function rejuvenates aged hematopoietic stem cells by reactivating the DNA Damage Response. <b>2023</b> , 14,	O
134	The effect of temperature and invasive alien predator on genetic and phenotypic variation in the damselfly Ischnura elegans: cross-latitude comparison. <b>2023</b> , 20,	0
133	Multi-omic characterization of the maize GPI synthesis mutant gwt1 with defects in kernel development. <b>2023</b> , 23,	O
132	The transcriptome of Litopenaeus vannamei in zoea larvae and adults infected by Vibrio parahaemolyticus. 10,	0
131	Effects of alcohol and PARP inhibition on RNA ribosomal engagement in cortical excitatory neurons. 16,	O
130	The mature phyllosphere microbiome of grapevine is associated with resistance against Plasmopara viticola. 14,	0
129	mRNA Sequencing Reveals Upregulation of Glutathione S-Transferase Genes during Acanthamoeba Encystation. <b>2023</b> , 11, 992	O
128	Polymorphism in maternal HLA-DRB5 is associated with the risk of preeclampsia in Chinese population.	0
127	Secretory and transcriptomic responses of mantle cells to low pH in the Pacific oyster (Crassostrea gigas). 10,	O

126	Symbiosis preservation: Putative regulation of fatty acyl-CoA reductase by miR-31a within the symbiont harboring bacteriome through tsetse evolution. 14,	0
125	Redundant and distinct roles of two 14-3-3 proteins inFusarium sacchari, pathogen of sugarcane Pokkah boeng disease.	O
124	The RNA binding proteins LARP4A and LARP4B promote sarcoma and carcinoma growth and metastasis.	О
123	GenomicEranscriptomic evolution in lung cancer and metastasis. 2023, 616, 543-552	О
122	The anti-cancer compound JTE-607 reveals hidden sequence specificity of the mRNA 3? processing machinery.	0
121	RoPE: A robust profile likelihood method for differential gene expression analysis.	O
120	A network perspective on the ecology of gut microbiota and progression of type 2 diabetes: Linkages to keystone taxa in a Mexican cohort. 14,	0
119	Molecular profiling of high-level athlete skeletal muscle after acute exercise $\Box$ systems biology approach.	O
118	Identification of novel cell-free RNAs in maternal plasma as preterm biomarkers in combination with placental RNA profiles. <b>2023</b> , 21,	0
117	An essential role for the Ino80 chromatin remodeling complex in regulation of gene expression during cellular quiescence. <b>2023</b> , 31,	O
116	Relationship between Jaw Malformations and Long-Chain PUFAE in Seriola lalandi Larvae during the Spawning Season at a Commercial Hatchery. <b>2023</b> , 8, 200	0
115	Targeting inhibition of prognosis-related lipid metabolism genes including CYP19A1 enhances immunotherapeutic response in colon cancer. <b>2023</b> , 42,	O
114	Integrated systems immunology approach identifies impaired effector T cell memory responses as a feature of progression to severe dengue fever. <b>2023</b> , 30,	О
113	Novel differential calcium regulation of hematopoietic stem and progenitor cells under physiological low oxygen conditions.	O
112	Tracking early lung cancer metastatic dissemination in TRACERx using ctDNA. 2023, 616, 553-562	0
111	TAR Syndrome-associated Rbm8a deficiency causes hematopoietic defects and attenuates Wnt/PCP signaling.	O
110	Analysis of the effects of BP-3 and BP-4 on the transcriptome of Chlamydomonas reinhardtii: An RNA-Seq approach.	О
109	Whole-Transcriptome Sequencing of Antler Tissue Reveals That circRNA2829 Regulates Chondrocyte Proliferation and Differentiation via the miR-4286-R+1/FOXO4 Axis. <b>2023</b> , 24, 7204	О

108	Derivation of new pluripotent stem cells from human extended pluripotent stem cells with formative features and trophectoderm potential.	O
107	A lncRNA from an inflammatory bowel disease risk locus maintains intestinal host-commensal homeostasis.	O
106	Whole-Transcriptome Sequencing Reveals a ceRNA Regulatory Network Associated with the Process of Periodic Albinism under Low Temperature in Baiye No. 1 (Camellia sinensis). <b>2023</b> , 24, 7162	О
105	DNA Demethylation of Myogenic Genes May Contribute to Embryonic Leg Muscle Development Differences between Wuzong and Shitou Geese. <b>2023</b> , 24, 7188	O
104	Genomic and transcriptomic analyses support a silk gland origin of spider venom glands. 2023, 21,	О
103	Ovule Transcriptome Analysis Discloses Deregulation of Genes and Pathways in Sexual and Apomictic Limonium Species (Plumbaginaceae). <b>2023</b> , 14, 901	О
102	Transcriptome analysis reveals the molecular mechanisms of adaptation to high temperatures in Gracilaria bailinae. 14,	О
101	Elevated enhancer-oncogene contacts and higher oncogene expression levels by recurrent CTCF inactivating mutations in acute Titell leukemia. <b>2023</b> , 42, 112373	О
100	Unveiling DNA damage repair-based molecular subtypes, tumor microenvironment and pharmacogenomic landscape in gastric cancer. 14,	О
99	Targeted Modulation of Chicken Genes In Vitro Using CRISPRa and CRISPRi Toolkit. 2023, 14, 906	O
98	Intranasal administration of adenoviral vaccines expressing SARS-CoV-2 spike protein improves vaccine immunity in mouse models. <b>2023</b> ,	О
97	Sequence-Based Platforms for Discovering Biomarkers in Liquid Biopsy of Non-Small-Cell Lung Cancer. <b>2023</b> , 15, 2275	O
96	Genome-wide CRISPR screening of chondrocyte maturation newly implicates genes in skeletal growth and height-associated GWAS loci. <b>2023</b> , 100299	О
95	Construction of an m6A-related lncRNA model for predicting prognosis and immunotherapy in patients with lung adenocarcinoma. <b>2023</b> , 102, e33530	O
94	Investigating small molecule compounds targeting psoriasis based on cMAP database and molecular dynamics simulation. <b>2023</b> , 29,	О
93	Antibacterial mechanism of kojic acid and tea polyphenols against Escherichia coli O157: H7 through transcriptomic analysis. <b>2023</b> , 1-19	O
92	Domain landscapes of somatic NF1 mutations in pheochromocytoma and paraganglioma. <b>2023</b> , 147432	О
91	Integration of mRNA and miRNA Analysis Reveals the Post-Transcriptional Regulation of Salt Stress Response in Hemerocallis fulva. <b>2023</b> , 24, 7290	O

90	Autocrine activation of MAPK signaling mediates intrinsic tolerance to androgen deprivation in LY6D prostate cancer cells. <b>2023</b> , 42, 112377	О
89	Analysis of Post-traumatic Stress Disorder Gene Expression Profiles in a Prospective, Community-based Cohort.	Ο
88	Comparative Transcriptome and Targeted Metabolome Profiling Unravel the Key Role of Phenylpropanoid and Glucosinolate Pathways in Defense against Alternaria brassicicola in Broccoli.	О
87	Haplotype-resolved genomes of two buckwheat crops provide insights into their contrasted rutin concentrations and reproductive systems. <b>2023</b> , 21,	O
86	A pilot investigation of differential hydroxymethylation levels in patient-derived neural stem cells implicates altered cortical development in bipolar disorder. 14,	О
85	Spt5 interacts genetically with Myc and is limiting for brain tumor growth in Drosophila.	O
84	Transcriptomic identification of differentially expressed genes in Levonorgestrel resistant endometrial cancer cell lines.	О
83	GmJAZ3 interacts with GmRR18a and GmMYC2a to regulate seed traits in soybean.	O
82	Unexplored diversity and ecological functions of transposable phages.	О
81	Rapid but narrow Œvolutionary adaptation and transcriptional response of Drosophila melanogaster to toxic mould.	O
80	Identification of core cuprotosis-correlated biomarkers in abdominal aortic aneurysm immune microenvironment based on bioinformatics. 14,	О
79	Differentiation of astrocytes with characteristics of ventral midbrain from human embryonic stem cells.	O
78	Impact of Wood Age on Termite Microbial Assemblages.	О
77	Global transcriptome analysis of allopolyploidization reveals large-scale repression of the D-subgenome in synthetic hexaploid wheat. <b>2023</b> , 6,	O
76	Extracellular Vesicles Secreted by Pre-Hatching Bovine Embryos Produced In Vitro and In Vivo Alter the Expression of IFNtau-Stimulated Genes in Bovine Endometrial Cells. <b>2023</b> , 24, 7438	О
75	Acupuncture Ameliorated Behavioral Abnormalities in the Autism Rat Model via Pathways for Hippocampal Serotonin. Volume 19, 951-972	O
74	Development and Validation of MyProstateScore 2.0 to Detect Clinically Significant Prostate Cancer.	Ο
73	Transgressive and parental dominant gene expression and cytosine methylation during seed development in Brassica napus hybrids. <b>2023</b> , 136,	Ο

72	A systems biology approach uncovers novel disease mechanisms in age-related macular degeneration. <b>2023</b> , 100302	0
71	Restoration of aberrant gene expression of monocytes in systemic lupus erythematosus via a combined transcriptome-reversal and network-based drug repurposing strategy. <b>2023</b> , 24,	O
70	Genome-wide mRNA profiling in urinary extracellular vesicles reveals stress gene signature for diabetic kidney disease. <b>2023</b> , 106686	O
69	Integration of deep learning-based histopathology and transcriptomics reveals key genes associated with fibrogenesis in patients with advanced NASH. <b>2023</b> , 4, 101016	O
68	Cyclic GMPAMP Synthase (cGAS) Deletion Reduces Severity in Bilateral Nephrectomy Mice through Changes in Neutrophil Extracellular Traps and Mitochondrial Respiration. <b>2023</b> , 11, 1208	O
67	Transcriptome analyses of murine right and left maxillathandibular complex.	O
66	A VEL3 histone deacetylase complex establishes a maternal epigenetic state controlling progeny seed dormancy. <b>2023</b> , 14,	0
65	Bacterial community responses to planktonic and terrestrial substrates in coastal northern Baltic Sea. 10,	O
64	Epigenetic Control of Translation Checkpoint and Tumor Progression via RUVBL1-EEF1A1 Axis.	O
63	Gene regulatory changes underlie developmental plasticity in respiration and aerobic performance in highland deer mice.	O
62	Combined inhibition of homologous PTPN1 and PTPN2 is synergistic in enhancing CD8 T cell effector functions.	0
61	Transcriptomics and Metabolomics Reveal Tomato Consumption Alters Hepatic Xenobiotic Metabolism and Induces Steroidal Alkaloid Metabolite Accumulation in Mice.	O
60	Timing of root barriers controls soil-to-shoot integration of rhizosphere status.	O
59	Mapping genomic regulation of kidney disease and traits through high-resolution and interpretable eQTLs. <b>2023</b> , 14,	O
58	Cell Type-Specific Regulation by a Heptad of Transcription Factors in Human Hematopoietic Stem and Progenitor Cells.	O
57	The KDM5B and KDM1A lysine demethylases cooperate in regulating androgen receptor expression and signalling in prostate cancer. 11,	0
56	Integrating Multi-Omics Data to Construct Reliable Interconnected Models of Signaling, Gene Regulatory, and Metabolic Pathways. <b>2023</b> , 139-151	О
55	Macrophages from naked mole-rat possess distinct immunometabolic signatures upon polarization. 14,	O

54	Separating phases of allopolyploid evolution with resynthesized and naturalCapsella bursa-pastoris.	O
53	Microbial functional genes within soil aggregates drive organic carbon mineralization under contrasting tillage practices.	o
52	DESpace: spatially variable gene detection via differential expression testing of spatial clusters.	О
51	A high-resolution transcriptomic atlas depicting nitrogen fixation and nodule development in soybean.	O
50	De novo transcriptome sequencing and gene co-expression reveal a genomic basis for drought sensitivity and evidence of a rapid local adaptation on Atlas cedar (Cedrus atlantica). 14,	О
49	Transcriptional-translational conflict is a barrier to cellular transformation and cancer progression. <b>2023</b> ,	0
48	Tissue memory relies on stem cell priming in distal undamaged areas.	О
47	Transfer learning in a biomaterial fibrosis model identifies in vivo senescence heterogeneity and contributions to vascularization and matrix production across species and diverse pathologies.	0
46	Significance of PBRM1 mutation in disease progress and drug selection in clear cell renal cell carcinoma. 1-15	0
45	Tetramerization of STAT5 regulates monocyte differentiation and the dextran sulfate sodium-induced colitis in mice. 14,	0
44	Meta-Analysis of RNA-Seq Data Identifies Potent Biomarkers for Intellectual Disability Disorder (IDD).	О
43	Genome-Wide Libraries for Protozoan Pathogen Drug Target Screening Using Yeast Surface Display.	O
42	Detection of Viral Genes in Metarhizium anisopliae JEF-290-infected longhorned tick, Haemaphysalis longicornis using transcriptome analysis. <b>2023</b> , 107926	О
41	A Suite of Constitutive Promoters for Tuning Gene Expression in Plants.	0
40	PAIP1 regulates expression of immune and inflammatory response associated genes at transcript level in liver cancer cell. 11, e15070	0
39	MyBrain-Seq: A Pipeline for MiRNA-Seq Data Analysis in Neuropsychiatric Disorders. <b>2023</b> , 11, 1230	O
38	A DBHS family member regulates male determination in the filariasis vector Armigeres subalbatus. <b>2023</b> , 14,	O
37	AUF1 modulates apoptosis via regulating transcription and alternative splicing of immune response genes in auditory hair cells.	O

36	Tumor stromal topography promotes chemoresistance in migrating breast cancer cell clusters. <b>2023</b> , 122128	0
35	Transcriptome Analysis of Redox Systems and Polyamine Metabolic Pathway in Hepatoma and Non-Tumor Hepatocyte-like Cells. <b>2023</b> , 13, 714	O
34	Biological age is increased by stress and restored upon recovery. 2023,	0
33	The Synthetic Opioid Fentanyl Increases HIV Replication and Chemokine Co-Receptor Expression in Lymphocyte Cell Lines. <b>2023</b> , 15, 1027	O
32	RNA sequencing and expression analysis reveal a role for Lhx9 in the haploinsufficient adult mouse ovary.	O
31	Rhinovirus-induced epithelial RIG-I inflammasome suppresses antiviral immunity and promotes inflammation in asthma and COVID-19. <b>2023</b> , 14,	O
30	Encephalitis and poor neuronal deaththediated control of herpes simplex virus in human inherited RIPK3 deficiency. <b>2023</b> , 8,	O
29	Identification and analysis of the DNA content of small extracellular vesicles isolated from Leishmania parasites. <b>2023</b> , 4, 102248	O
28	Annelid adult cell type diversity and their pluripotent cellular origins.	O
27	Environmental RNA as a non-invasive tool for assessing toxic effects in fish: a proof-of-concept study using Japanese medaka exposed to pyrene.	O
26	DOT1L regulates chromatin reorganization and gene expression during sperm differentiation.	0
25	The Tumor Stemness Indice mRNAsi can Act as Molecular Typing Tool for Lung Adenocarcinoma.	O
24	Progesterone receptor mediates ovulatory transcription through RUNX transcription factor interactions and chromatin remodelling.	O
23	MORC proteins regulate transcription factor binding by mediating chromatin compaction in active chromatin regions. <b>2023</b> , 24,	O
22	Dynamic alterations in metabolomics and transcriptomics associated with intestinal fibrosis in a 2,4,6-trinitrobenzene sulfonic acid-induced murine model.	O
21	Prospective Blood Transcriptomics Study in a Motor Vehicle Collision Cohort Identified a Protective Function of the SAMD15 Gene Against Chronic Pain. <b>2023</b> ,	O
20	Molecular characterization of sub-frontal recurrent medulloblastomas reveals potential clinical relevance. 14,	О
19	MYT1L is required for suppressing earlier neuronal development programs in the adult mouse brain. <b>2023</b> , 33, 541-556	O

18	Defective peripheral B cell selection in common variable immune deficiency patients with autoimmune manifestations. <b>2023</b> , 42, 112446	0
17	Esrrb guides naive pluripotent cells through the formative transcriptional programme. <b>2023</b> , 25, 643-657	О
16	A druggable copper-signalling pathway that drives inflammation. <b>2023</b> , 617, 386-394	0
15	Myc controls NK cell development, IL-15-driven expansion, and translational machinery. <b>2023</b> , 6, e202302069	O
14	Exosomal microRNA signature from plasma-derived extracellular vesicles in gastric cancer.	0
13	Host selection has a stronger impact on leaf microbiome assembly compared to land-management practices.	O
12	Methadone alters transcriptional programs associated with synapse formation in human cortical organoids. <b>2023</b> , 13,	0
11	iPSCDerived retinal pigmented epithelial cells from patients with macular telangiectasia show decreased mitochondrial function. <b>2023</b> , 133,	O
10	Integrative analysis reveals marker genes for intestinal mucosa barrier repairing in clinical patients. <b>2023</b> , 26, 106831	0
9	Identifying sex-differential gene expression in the antennal gland of the swimming crab by transcriptomic analysis. <b>2023</b> , 46, 101087	O
8	Snail-inspired AFG/GelMA hydrogel accelerates diabetic wound healing via inflammatory cytokines suppression and macrophage polarization. <b>2023</b> , 299, 122141	0
7	Integrative analysis of gene expression and DNA methylation to identify biomarkers of non-genital warts induced by low-risk human papillomaviruses infection. <b>2023</b> , 9, e16101	O
6	Locomotion and brain gene expression exhibit sex-specific non-monotonic dose-response to HFPO-DA during Drosophila melanogaster lifespan. <b>2023</b> , 96, 207-221	О
5	Genome-Wide Identification of Candidate Genes Associated with Heat Stress in Mulberry (Morus alba L.). <b>2023</b> , 45, 4151-4167	O
4	Preclinical characterization of the Toll-like receptor 7/8 antagonist MHV370 for lupus therapy. <b>2023</b> , 4, 101036	О
3	Sample Preparation and Differential Gene Expression Analysis of Human Cancer Cell Lines by RNA Sequencing. <b>2023</b> , 23-41	O
2	Blocking MyD88 signaling with MyD88 inhibitor prevents colitis-associated colorectal cancer development by maintaining colonic microbiota homeostasis.	0
1	Exploring Molecular Interactions between Human Milk Hormone Insulin and Bifidobacteria.	O