

部分使用TIANGEN基因组提取类产品发表的文献列表

题目	期刊	IF	样本	单位
An evolutionarily stable strategy to colonize spatially extended habitats	Nature	43.07	大肠杆菌	中科院深圳先进技术研究院
Genomic Analyses from Non-invasive Prenatal Testing Reveal Genetic Associations, Patterns of Viral Infections, and Chinese Population History	Cell	36.216	无创产前血液 cfDNA	华大基因研究院
Efficient C-to-T base editing in plants using a fusion of nCas9 and human APOBEC3A	Nature Biotechnology	31.864	小麦 / 水稻 / 马铃薯	中科院遗传所
Reference genome sequences of two cultivated allotetraploid cottons, <i>Gossypium hirsutum</i> and <i>Gossypium barbadense</i>	Nature Genetics	25.455	棉花	华中农业大学
Resequencing of 683 common bean genotypes identifies yield component trait associations across a north-south cline	Nature Genetics	25.455	菜豆	中国农科院作物所
Transcriptional Regulation of the Warburg Effect in Cancer by SIX1	Cancer Cell	23.916	乳腺癌组织	北京生物技术研究所
A Circular RNA Protects Dormant Hematopoietic Stem Cells from DNA Sensor cGAS-Mediated Exhaustion	Immunity	21.522	小鼠造血干细胞	中科院生物物理所
CRISPR-Cas9-mediated base-editing screening in mice identifies DND1 amino acids that are critical for primordial germ cell development	Nature Cell Biology	17.728	小鼠囊胚	中科院上海生化细胞所
Ketogenesis-generated β -hydroxybutyrate is an epigenetic regulator of CD8 ⁺ T-cell memory development	Nature Cell Biology	17.728	T 细胞	华中科技大学同济医学院
<i>Drosophila</i> Histone Demethylase KDM5 Regulates Social Behavior through Immune Control and Gut Microbiota Maintenance	Cell Host & Microbe	15.753	果蝇肠道微生物	南京医科大学
A Functional Variant in Ubiquitin Conjugating Enzyme E2 L3 Contributes to Hepatitis B Virus Infection and Maintains Covalently Closed Circular DNA Stability by Inducing Degradation of Apolipoprotein B mRNA Editing Enzyme Catalytic Subunit 3A	Hepatology	14.971	人类全血	重庆医科大学
N6-Methyladenine DNA Modification in the Human Genome	Molecular Cell	14.548	胃癌肝癌组织 / 细胞系	广州医科大学第三附属医院
Nascent Pre-rRNA Sorting via Phase Separation Drives the Assembly of Dense Fibrillar Components in the Human Nucleolus	Molecular Cell	14.548	Hela 细胞	中科院上海生化细胞所
Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in <i>Escherichia coli</i>	Nature Microbiology	14.3	大肠杆菌	华南农业大学
Embryonic resetting of the parental vernalized state by two B3 domain transcription factors in <i>Arabidopsis</i>	Nature Plants	13.297	拟南芥	中科院分子植物科学卓越创新中心
Cyclophilin J limits inflammation through the blockage of ubiquitin chain sensing	Nature Communications	11.878	293T 细胞	中山大学
Efficient base editing for multiple genes and loci in pigs using base editors	Nature Communications	11.878	猪耳	中科院广州生物医药与健康研究院
Evolutionary history of Coleoptera revealed by extensive sampling of genes and species	Nature Communications	11.878	371 种鞘翅目昆虫	中山大学
Excessive miR-25-3p maturation via N6-methyladenosine stimulated by cigarette smoke promotes pancreatic cancer progression	Nature Communications	11.878	PANC-1 细胞	中山大学
Implantation initiation of self-assembled embryo-like structures generated using three types of mouse blastocyst-derived stem cells	Nature Communications	11.878	小鼠三种干细胞	中国农业大学
Leucine-rich repeat receptor-like gene screen reveals that Nicotiana RXEG1 regulates glycoside hydrolase 12 MAMP detection	Nature Communications	11.878	本生烟草叶片	南京农业大学

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Marine biofilms constitute a bank of hidden microbial diversity and functional potential	Nature Communications	11.878	海洋微生物	香港科技大学
Oncolytic adenovirus programmed by synthetic gene circuit for cancer immunotherapy	Nature Communications	11.878	人类细胞源肿瘤组织	清华大学
Penaeid shrimp genome provides insights into benthic adaptation and frequent molting	Nature Communications	11.878	南美白对虾	中科院青岛海洋所
Stabilizing heterochromatin by DGCR8 alleviates senescence and osteoarthritis	Nature Communications	11.878	人类间充质干细胞	中科院生物物理所
Whole-genome resequencing of 472 Vitis accessions for grapevine diversity and demographic history analyses	Nature Communications	11.878	葡萄叶片	中科院植物所 / 云南农业大学
Whole-genome sequencing identifies ADGRG6 enhancer mutations and FRS2 duplications as angiogenesis-related drivers in bladder cancer	Nature Communications	11.878	膀胱癌 FFPE 标本	深圳大学第三附属医院
Creating functional chromosome fusions in yeast with CRISPR-Cas9	Nature Protocols	11.334	酵母	中科院上海植生所
Genome editing of bread wheat using biolistic delivery of CRISPR/Cas9 in vitro transcripts or ribonucleoproteins	Nature Protocols	11.334	小麦	中科院遗传所
Genome wide analyses uncover allele-specific RNA editing in human and mouse	Nucleic Acids Research	11.147	U87MG 细胞	中科院昆明动物所
H2A.Z.1 crosstalk with H3K56-acetylation controls gliogenesis through the transcription of folate receptor	Nucleic Acids Research	11.147	小鼠脑部多神经前体细胞	中科院动物所
PLK1 targets CtIP to promote microhomology-mediated end joining	Nucleic Acids Research	11.147	U2OS 细胞	首都师范大学 / 深圳大学医学部
Sin3a-Tet1 interaction activates gene transcription and is required for embryonic stem cell pluripotency	Nucleic Acids Research	11.147	小鼠胚胎干细胞	上海同济大学
Uncoupling of nucleo-cytoplasmic RNA export and localization during stress	Nucleic Acids Research	11.147	U2OS 细胞	以色列巴伊兰大学
Discriminated sgRNAs-Based SurroGate System Greatly Enhances the Screening Efficiency of Plant Base-Edited Cells	Molecular Plant	10.812	水稻	北京农林科学院
The Reference Genome Sequence of Scutellaria baicalensis Provides Insights into the Evolution of Wogonin Biosynthesis	Molecular Plant	10.812	黄芩根茎叶花	中科院上海辰山植物科学研究中心
Myeloid-derived suppressor cells endow stem-like qualities to multiple myeloma cells by inducing piRNA-823 expression and DNMT3B activation	Molecular Cancer	10.679	骨髓瘤细胞	华中科技大学同济医学院协和医院
Systematic Functional Interrogation of Genes in GWAS Loci Identified ATF1 as a Key Driver in Colorectal Cancer Modulated by a Promoter-Enhancer Interaction	American Journal of Human Genetics	9.924	人类全血	华中科技大学同济医学院
Tild-CRISPR Allows for Efficient and Precise Gene Knockin in Mouse and Human Cells	Developmental Cell	9.19	小鼠脚趾, 鼠尾	中科院神经所
circRNA_0025202 Regulates Tamoxifen Sensitivity and Tumor Progression via Regulating the miR-182-5p/FOXO3a Axis in Breast Cancer	Molecular Therapy	8.402	MCF7, T47D, HEK293T 细胞	山东大学齐鲁医院
Organic cation transporter 3 (Oct3) is a distinct catecholamines clearance route in adipocytes mediating the beiging of white adipose tissue	PLOS Biology	8.386	小鼠脂肪组织	清华大学
Targeted genetic screening in mice through haploid embryonic stem cells identifies critical genes in bone development	PLOS Biology	8.386	小鼠细胞	中科院上海生化细胞所
Up-regulation of FOXD1 by YAP alleviates senescence and osteoarthritis	PLOS Biology	8.386	人类间充质干细胞	中科院生物物理研究所
From Hyper- to Hypoinsulinemia and Diabetes: Effect of KCNH6 on Insulin Secretion	Cell Reports	7.815	人类全血	首都医科大学附属同仁医院
Microbiota Depletion Impairs Thermogenesis of Brown Adipose Tissue and Browning of White Adipose Tissue	Cell Reports	7.815	粪便	中科院遗传所