

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, Gossypium hirsutum and Gossypium barbadense	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
Drosophila 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 Escherichia coli	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 Arabidopsis	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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catecholamines clearance route in adipocytes mediating the beiging of white adipose tissue Targeted genetic screening in mice through haploid embryonic stem cells identifies PLOS Biology PLOS Biology 8.386 小鼠脂肪组织 中科院上海生化	Sensitivity and Tu	mor Progression via Regulating	Molecular Therapy	8.402		山东大学齐鲁医院
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Up-regulation of FOXD1 by YAP alleviates senescence and osteoarthritis PLOS Biology 8.386 人类间充质干细胞 中科院生物物现 研究所			PLOS Biology	8.386	人类间充质干细胞	中科院生物物理 研究所
			Cell Reports	7.815	人类全血	首都医科大学附属
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	of Brown Adipo	se Tissue and Browning of	Cell Reports	7.815	粪便	中科院遗传所