

## 部分使用TIANGEN RNA 提取类产品发表的文献列表

题目	期刊	IF	样本	单位
Mutational Landscape of Secondary Glioblastoma Guides MET-Targeted Trial in Brain Tumor	Cell	36.216	神经胶细胞瘤	首都医科大学 北京神经外科研究所
Genome-wide screening for functional long noncoding RNAs in human cells by Cas9 targeting of splice sites	Nature Biotechnology	31.864	Hela 细胞	北京大学
Programmable RNA editing by recruiting endogenous ADAR using engineered RNAs	Nature Biotechnology	31.864	HEK293T 细胞	北京大学
Late-stage tumors induce anemia and immunosuppressive extramedullary erythroid progenitor cells	Nature Medicine	30.641	RNA 病毒	重庆陆军军医大学 新桥医院
Stress–glucocorticoid–TSC22D3 axis compromises therapy-induced antitumor immunity	Nature Medicine	30.641	外周血单核细胞	协和医学院 苏州系统所
A comprehensive genome variation map of melon identifies multiple domestication events and loci influencing agronomic traits	Nature Genetics	25.455	甜瓜果实	中国农科院 郑州水果研究所
Fatty Liver Disease Caused by High-Alcohol-Producing Klebsiella pneumoniae	Cell Metabolism	22.415	小鼠肝脏 / 肠 / 血清	首都儿科研究所
IGF-2 Preprograms Maturing Macrophages to Acquire Oxidative Phosphorylation-Dependent Anti-inflammatory Properties	Cell Metabolism	22.415	人结肠细胞	中科院上海营养与健康研究所
Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis	Immunity	21.522	RNA 病毒	中国科学技术大学
METTL3-mediated N6-methyladenosine mRNA modification enhances long-term memory consolidation	Cell Research	17.848	小鼠海马组织	中科院遗传所
Tom20 senses iron-activated ROS signaling to promote melanoma cell pyroptosis	Cell Research	17.848	HEK293T 细胞	厦门大学
Transferrin plays a central role in coagulation balance by interacting with clotting factors	Cell Research	17.848	小鼠肝 / 脑 / 脾 / 胃 / 肾 / 肌肉等	中科院昆明动物所
The Nuclear Matrix Protein SAFA Surveils Viral RNA and Facilitates Immunity by Activating Antiviral Enhancers and Super-enhancers	Cell Host & Microbe	15.753	Hela 细胞, 组织, 全血	北京大学医学部
Intrahepatic T - Cell Receptor $\beta$ Immune Repertoire Is Essential for Liver Regeneration	Hepatology	14.971	小鼠肝脏 / 淋巴细胞	青岛大学
N6-Methyladenine DNA Modification in the Human Genome	Molecular Cell	14.548	HEK293T 细胞	广州医科大学 第三附属医院
RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay	Molecular Cell	14.548	RNA 纯化试剂盒	中科院基因组所
S-Nitrosylation Targets GSNO Reductase for Selective Autophagy during Hypoxia Responses in Plants	Molecular Cell	14.548	拟南芥幼苗 / 种子	中科院遗传所
Disruption of transcription–translation coordination in Escherichia coli leads to premature transcriptional termination	Nature Microbiology	14.3	大肠杆菌	华中师范大学
A group of receptor kinases are essential for CLAVATA signalling to maintain stem cell homeostasis	Nature Plants	13.297	拟南芥	兰州大学
Biased gene retention during diploidization in Brassica linked to three-dimensional genome organization	Nature Plants	13.297	甘蓝叶片	中国农科院油料所
Embryonic resetting of the parental vernalized state by two B3 domain transcription factors in Arabidopsis	Nature Plants	13.297	拟南芥种子	中科院分子植物 科学卓越创新中心
Generation of self-compatible diploid potato by knockout of S-RNase	Nature Plants	13.297	马铃薯	云南师范大学
Musa balbisiana genome reveals subgenome evolution and functional divergence	Nature Plants	13.297	香蕉果实	中国热带农业科学院
Jasmonate promotes artemisinin biosynthesis by activating the TCP14-ORA complex in Artemisia annua	Science Advances	12.804	青蒿根茎叶花	上海交通大学

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Arabidopsis SWR1-associated protein methyl-CpG-binding domain 9 is required for histone H2A.Z deposition	Nature Communications	11.878	拟南芥幼苗	加州大学洛杉矶分校
Deficiency of PRKD2 triggers hyperinsulinemia and metabolic disorders	Nature Communications	11.878	大鼠 $\beta$ 细胞	北京大学分子医学所
Increased glutarate production by blocking the glutaryl-CoA dehydrogenation pathway and a catabolic pathway involving l-2-hydroxyglutarate	Nature Communications	11.878	恶臭假单胞菌	山东大学
Overexpressing lncRNA LAIR increases grain yield and regulates neighbouring gene cluster expression in rice	Nature Communications	11.878	水稻幼苗	复旦大学
Sensing of cytosolic LPS through casp2 pyrin domain mediates noncanonical inflammasome activation in zebrafish	Nature Communications	11.878	斑马鱼	华东理工大学
TRPV1 SUMOylation regulates nociceptive signaling in models of inflammatory pain	Nature Communications	11.878	小鼠背根神经节	上海交通大学医学院
Ebola virus VP35 has novel NTPase and helicase-like activities	Nucleic Acids Research	11.147	Sf9 细胞	武汉大学
Maintenance of translational elongation rate underlies the survival of Escherichia coli during oxidative stress	Nucleic Acids Research	11.147	大肠杆菌	华中师范大学
Transcriptional and epigenetic adaptation of maize chromosomes in Oat-Maize addition lines	Nucleic Acids Research	11.147	玉米 / 燕麦	中国农业大学
A GmNINA-miR172c-NNC1 Regulatory Network Coordinates the Nodulation and Autoregulation of Nodulation Pathways in Soybean	Molecular Plant	10.812	大豆	华中农业大学
A Phytophthora capsici Effector Targets ACD11 Binding Partners that Regulate ROS-Mediated Defense Response in Arabidopsis	Molecular Plant	10.812	辣椒疫霉 / 拟南芥叶片	南京农业大学
A PIF7-CONSTANS-Centered Molecular Regulatory Network Underlying Shade-Accelerated Flowering	Molecular Plant	10.812	烟草	复旦大学
EL1-like Casein Kinases Suppress ABA Signaling and Responses by Phosphorylating and Destabilizing the ABA Receptors PYR/PYLS in Arabidopsis	Molecular Plant	10.812	拟南芥幼苗	中科院上海植生所
The Genome of Artemisia annua Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis	Molecular Plant	10.812	青蒿	上海交通大学
circGSK3 $\beta$ promotes metastasis in esophageal squamous cell carcinoma by augmenting $\beta$ -catenin signaling	Molecular Cancer	10.679	TE1 细胞	中山大学孙逸仙纪念医院
Linc00210 drives Wnt/ $\beta$ -catenin signaling activation and liver tumor progression through CTNNBIP1-dependent manner	Molecular Cancer	10.679	细胞核 / 细胞质	郑州大学附属肿瘤医院
Interleukin-17 receptor D constitutes an alternative receptor for interleukin-17A important in psoriasis-like skin inflammation	Science Immunology	10.551	小鼠皮肤组织	清华大学
Heterochromatin protects retinal pigment epithelium cells from oxidative damage by silencing p53 target genes	PNAS	9.58	小鼠眼	中山大学中山眼科中心
Interlinked regulatory loops of ABA catabolism and biosynthesis coordinate fruit growth and ripening in woodland strawberry	PNAS	9.58	草莓	福建农林大学
Selection and environmental adaptation along a path to speciation in the Tibetan frog Nanorana parkeri	PNAS	9.58	藏蛙	中科院昆明动物所
Systemic Root-Shoot Signaling Drives Jasmonate-Based Root Defense against Nematodes	Current Biology	9.193	番茄叶片	浙江大学
Probing the Function of Metazoan Histones with a Systematic Library of H3 and H4 Mutants	Developmental Cell	9.19	果蝇	上海科技大学