

## 部分使用TIANGEN 克隆系统相关产品发表的文献列表

题目	期刊	IF	使用产品	单位
Arabidopsis FLL2 promotes liquid-liquid phase separation of polyadenylation complexes	Nature	43.07	BL21 (DE3) 感受态细胞	清华大学
A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis	Cell	36.216	TOP10/BL21(DE3) 感受态细胞	中科院上海生化细胞所
Molecular Basis of Arthritogenic Alphavirus Receptor MXRA8 Binding to Chikungunya Virus Envelope Protein	Cell	36.216	DH5α 感受态细胞	中科院北京生命科学研究所
The Mitochondrial Unfolded Protein Response Is Mediated Cell-Non-autonomously by Retromer-Dependent Wnt Signaling	Cell	36.216	DH5α 感受态细胞	中科院遗传所
Tumor-Induced Generation of Splenic Erythroblast-like Ter-Cells Promotes Tumor Progression	Cell	36.216	Rosetta (DE3) 感受态细胞	第二军医大学
Rewiring of the Fruit Metabolome in Tomato Breeding	Cell	36.216	pLB Vector 零背景快速连接试剂盒	中国农科院深圳农业基因组所 / 华中农业大学
A Structural Change in Butyrophilin upon Phosphoantigen Binding Underlies Phosphoantigen-Mediated V $\gamma$ 9V $\delta$ 2 T Cell Activation	Immunity	21.522	BL21 (DE3) 感受态细胞	清华大学
Zona incerta GABAergic neurons integrate prey-related sensory signals and induce an appetitive drive to promote hunting	Nature Neuroscience	21.126	pGM-T Vector 快速克隆试剂盒	上海科技大学
Destabilization of linker histone H1.2 is essential for ATM activation and DNA damage repair	Cell Research	17.848	BL21 (DE3) 感受态细胞	北京大学医学部 / 深圳大学医学院
A pannexin 1 channelopathy causes human oocyte death	Science Translational Medicine	17.161	pGM-T Vector 快速克隆试剂盒	复旦大学中山医院
Histone Modifications Regulate Chromatin Compartmentalization by Contributing to a Phase Separation Mechanism	Molecular Cell	14.548	BL21 (DE3)/ Rosetta (DE3) 感受态细胞	清华大学
Pacer Is a Mediator of mTORC1 and GSK3-TIP60 Signaling in Regulation of Autophagosome Maturation and Lipid Metabolism	Molecular Cell	14.548	Rosetta (DE3) 感受态细胞	浙江大学医学院
Nuclear Receptor Nur77 Facilitates Melanoma Cell Survival under Metabolic Stress by Protecting Fatty Acid Oxidation	Molecular Cell	14.548	DH5α/BL21 (DE3) 感受态细胞	厦门大学
Neural Stem Cells Behave as a Functional Niche for the Maturation of Newborn Neurons through the Secretion of PTN	Neuron	14.403	DH5α 感受态细胞	中科院遗传所
PDGFR $\beta$ Cells Rapidly Relay Inflammatory Signal from the Circulatory System to Neurons via Chemokine CCL2	Neuron	14.403	DH5α 感受态细胞	中科院神经所
Viperin catalyzes methionine oxidation to promote protein expression and function of helicases	Science Advances	12.804	快速定点突变试剂盒	武汉大学
Structural insights into the EGO-TC-mediated membrane tethering of the TORC1-regulatory Rag GTPases	Science Advances	12.804	BL21 (DE3) 感受态细胞	中科院上海生化细胞所
Protein lysine de-2-hydroxyisobutyrylation by CobB in prokaryotes	Science Advances	12.804	BL21 (DE3) 感受态细胞	天津医科大学
TRIM66 reads unmodified H3R2K4 and H3K56ac to respond to DNA damage in embryonic stem cells	Nature Communications	11.878	pLB Vector 零背景快速连接试剂盒	安徽科技大学
Expanding C-T base editing toolkit with diversified cytidine deaminases	Nature Communications	11.878	TOP10 感受态细胞	中科院上海神经所
The conserved 3' UTR-derived small RNA NarS mediates mRNA crossregulation during nitrate respiration	Nucleic Acids Research	11.147	DH5α 感受态细胞	复旦大学上海医学院
Archaeal NSUN6 catalyzes m <sup>5</sup> C72 modification on a wide-range of specific tRNAs	Nucleic Acids Research	11.147	Rosetta (DE3) 感受态细胞	中科院上海生化细胞所
A Brassica miRNA Regulates Plant Growth and Immunity through Distinct Modes of Action	Molecular Plant	10.812	快速定点突变试剂盒 / pGM-T Vector 快速克隆试剂盒	中科院微生物所
Arabidopsis ECAP Is a New Adaptor Protein that Connects JAZ Repressors with the TPR2 Co-repressor to Suppress Jasmonate-Responsive Anthocyanin Accumulation	Molecular Plant	10.812	Rosetta (DE3) 感受态细胞	中国农业大学
Novel lncRNA-IUR suppresses Bcr-Abl-induced tumorigenesis through regulation of STAT5-CD71 pathway	Molecular Cancer	10.679	pLB Vector 零背景快速连接试剂盒	中科院微生物所 / 福建农林大学