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| CRISPR 质 粒 清 单 |
| Plant | #50588 | pHSN401 | CRISPR/Cas based plant genome editing and gene regulation; expresses 3×FLAG-NLS-zCas9-NLS, gRNA scaffold for insertion of target sequence (AtU6-26 promoter), Hyg resistance |
| #63142 | pRGEB32  | (Empty Backbone) Express sgRNA/PTG with rice snoRNA U3 promoter and Cas9 with rice ubiquitin promoter for Agrobacterium-mediated transformation. |
| #51295 | pRGEB31 | (Empty Backbone) Binary vector derived from pRGE31. Deliver sgRNA and Cas9 into plant. by agrobacterium mediated transformation. |
| Insect | #49330 | pAc-sgRNA-Cas9  | Expresses sgRNA and Cas9-Puro in Drosophila S2 cells |
| C.elegans | #47549 | pDD162 | Cas9 + sgRNA plasmid that can be modified to cleave any Cas9 target site in the C. elegans genome. |
| Yeast | #43804 | p415 | Human Optimized S. pyogenes Cas9  |
| Bateria | #42875 | pCRISPR | A crRNA expression plasmid for targeting a specific sequence |
| #61737 | pCRISPomyces-2  | Streptomyces expression of codon-optimized Cas9 and custom gRNA  |
| Zebrafish | #47929 | pCS2-nCas9n | expression of an optimized Cas9 for genome-editing in zebrafish |
| Mammalian | #52970 | FokI-dCas9  | Expresses Fok1 nuclease domain fused to catalytically inactive Cas9 DNA-binding domain in mammalian cells |
| #61591 | PX601 | A single vector AAV-Cas9 system containing Cas9 from Staphylococcus aureus (SaCas9) and its sgRNA. |
| #42230 | PX330 | A human codon-optimized SpCas9 and chimeric guide RNA expression plasmid. |
| #48138 | PX458 | Cas9 from S. pyogenes with 2A-EGFP, and cloning backbone for sgRNA |
| #48139 | PX459 | Cas9 from S. pyogenes with 2A-Puro, and cloning backbone for sgRNA (V2.0) |
| #48140 | PX461 | Cas9n (D10A nickase mutant) from S. pyogenes with 2A-EGFP, and cloning backbone for sgRNA |
| #48141 | PX462 | Cas9n (D10A nickase mutant) from S. pyogenes with 2A-Puro, and cloning backbone for sgRNA |
| #50661 | pCW-Cas9 | Inducible lentiviral expression of SpCas9 |
| #52963 | LentiGuide-puro-Vector | Expresses S. pyogenes CRISPR chimeric RNA element with customizable sgRNA from U6 promoter and puromycin resistance from EF-1a promoter. Lentiviral backbone. |
| #52962 | lentiCas9-Blast | Expresses human codon-optimized S. pyogenes Cas9 protein and blasticidin resistance from EFS promoter. 3rd generation lentiviral backbone. |
| #69982 | pY010  |  Expresses humanized AsCpf1  |
| #19319 | pLJM1-EGFP | (Empty Backbone) 3rd gen lentiviral vector for EGFP fusion; PGK driven puromycin  |
| #12260 | [psPAX2](http://www.addgene.org/12260/) | Lentivirus package plasmids |
| #61427 | lenti sgRNA(MS2)\_zeo  | (Empty Backbone) 3rd generation lenti sgRNA cloning backbone with MS2 loops at tetraloop and stemloop 2 and EF1a-zeo resistance marker. Contains BsmBI sites for insertion of spacer sequences.  |
| #61426 | lenti MS2-P65-HSF1\_Hygro | lenti vector encoding the MS2-P65-HSF1 activator helper complex with a 2A Hygro resistance marker (EF1a-MS2-p65-HSF1-2A-Hygro-WPRE) |
| #61425 | lenti dCAS-VP64\_Blast | 3rd generation lenti vector encoding dCAS9-VP64 with 2A Blast resistance marker (EF1a-NLS-dCas9(N863)-VP64-2A-Blast-WPRE)  |
| #71814 | eSpCas9(1.1) | Expresses high specificity SpCas9. Px330-like plasmid. |
| #47327 | pET-28b-Cas9-His | For in vitro expression and purification of Cas9 protein  |
| #62934 | pET-NLS-Cas9-6xHis | Expression of NLS-Cas9-6xHis in bacterial cells  |
| 86840 | pJH373  | mamalian expression of AcrIIA2 |
| 84750 | Lenti-AsCpf1-Blast | Expresses human codon-optimized AsCpf1 protein and blasticidin resistance from EFS promoter. Lentiviral backbone. |
| 84752 | Lenti\_gRNA-Puro  | (Empty Backbone) Expresses Cpf1 customizable sgRNA from U6 promoter and puromycin resistance from EF-1a promoter |
| 79145 | pCAG-eCas9-GFP-U6-gRNA  | All-in-one CRISPR/Cas9 vector with high-fidelity eSpCas9 expression in human pluripotent stem cells |
| 84745 | pY30 | Expresses huAsCpf1-P2A-puro and crRNA guide  |
| 84743 | pY094 | Expresses huAsCpf1-T2A-GFP and crRNA guide  |
| 84741 | pY026 | Expresses huAsCpf1 and crRNA guide |
| 79152 | pC003 | LshC2c2 locus in pACYC184 with BsaI sites for spacer cloning |
| 79150 | pC001 | Expresses human codon-optimized LshC2c2 for purification in E. coli |
| 64324 | pU6-(BbsI)\_CBh-Cas9-T2A-mCherry  | Expression vector for sgRNAs cloned into the BbsI sites and for expression of Cas9 linked to mCherry via a T2A peptide |
| 64222 | pU6-(BbsI)\_CBh-Cas9-T2A-mcherry-P2A-Ad4E4orf6  | Expression vector for sgRNA and for Expression of Cas9 linked via T2A to mCherry linked to the Ad4 E4orf6 gene via P2A |
| 64218 | pU6-(BbsI)\_CBh-Cas9-T2A-BFP-P2A-Ad4E1B  | Expression vector for sgRNA and for Expression of Cas9 linked to BFP via T2A linked to Ad4 E1B via P2A |
| 64323 | pU6-(BbsI)\_CBh-Cas9-T2A-BFP  | Expression vector for sgRNAs cloned into the BbsI sites and for expression of Cas9 linked to BFP via a T2A peptide |
| 51023 | pSLQ1658-dCas9-EGFP  | Template for NLS-dCas9-NLS-EGFP fusion protein for CRISPR imaging (the recipient vector can be TetON 3G promoter system) |
| 64108 | pHAGE-TO-dCas9-3XmCherry | Expression of Sp dCas9-3XmCherry in mammalian cells |
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