

Vector	Lab	Cas9	gRNA cloning	Marker	Promoter	Addgene #	Addgene Link	Purpose
pCas9D10A_GFP	Kiran Musunuru	Nickase (D10A)	NO	GFP	CAG	44720	https://www.addgene.org/44720/	
gRNA cloning vector	George Church	NONE	Yes	None	?	41824	https://www.addgene.org/41824/	
px458	Feng Zhang	WT	Yes	EGFP	Cbh	48138	https://www.addgene.org/48138/	
px459	Feng Zhang	WT	Yes	Puromycin	Cbh	48139	https://www.addgene.org/48139/	
px461	Feng Zhang	Nickase (D10A)	Yes	EGFP	Cbh	48140	https://www.addgene.org/48140/	
px462	Feng Zhang	Nickase (D10A)	Yes	Puromycin	Cbh	48141	https://www.addgene.org/48141/	
Cas9m4	George Church	Catalytically inactive	NO	?	?	47316	https://www.addgene.org/47316/	
Cas9m4 VP64	George Church	fused to activation domain	NO	?	?	47319	https://www.addgene.org/47319/	
pHR-SFFV-dCas9-BFP	Jonathan Weissman	Catalytically inactive	NO	BFP	SFFV	46910	https://www.addgene.org/46910/	Live cell Imaging/Transcriptional Silencing
pSLQ1658-dCas9-EGFP	Stanley Qi	Catalytically inactive	NO	GFP	MSCV LTR	51023	https://www.addgene.org/51023/	Live cell Imaging/Transcriptional Silencing
pLVhUbc-dCas9-T2A GFP	Charles Gersbach	WT	NO	GFP	hUbc	53190	https://www.addgene.org/53190/	
lentiCRISPR_v2	Feng Zhang	WT	Yes	Puromycin	EF1	52961	https://www.addgene.org/52961/	Lentiviral infection
pL-CRISPR.EFS.GFP	Ben Ebert	WT	Yes	EGFP	EFS	57818	https://www.addgene.org/57818/	Lentiviral Infection/Transplantation
pL-CRISPR.SFFV.GFP	Ben Ebert	WT	Yes	EGFP	SFFV	57827	https://www.addgene.org/57827/	Lentiviral Infection/Transplantation
pL-CRISPR.EFS.PAC	Ben Ebert	WT	Yes	Puromycin	EFS	57828	https://www.addgene.org/57828/	Lentiviral Infection/Transplantation
pL-CRISPR.SFFV.PAC	Ben Ebert	WT	Yes	Puromycin	SFFV	57829	https://www.addgene.org/57829/	Lentiviral Infection/Transplantation
pL-CRISPR.EFS.tRFP	Ben Ebert	WT	Yes	tagRFP	EFS	57819	https://www.addgene.org/57819/	Lentiviral Infection/Transplantation
pL-CRISPR.SFFV.tRFP	Ben Ebert	WT	Yes	tagRFP	SFFV	57826	https://www.addgene.org/57826/	Lentiviral Infection/Transplantation
MSP2440	K Juong	Cas9 VQR-HF1 (Enhanced)	No	None	CMV	72250		
MSP2443	K Juong	Cas9 VRQR-HF1 (Enhanced)	No	None	CMV	72252		
BPK1520	K Juong	None	Yes	None	U6	65777		
VP12	K Juong	Cas9-HF1	No	None	CMV	72247		
eSpCas9 (1.1)	F Zhang	high specificity (px330 back)	Yes	None	CBh	71814		
pLKO5d.EFS.SpCas9.P2A	Ben Ebert	spCas9	NO	Blasticidin	EFS	57821		
pLKO5.sgRNA.EFS.GFP	Ben Ebert	None	Yes	GFP	EFS	57822		
pLKO5.sgRNA.EFS.tRFP	Ben Ebert	None	Yes	RFP	EFS	57823		
pLKO5.sgRNA.EFS.tRFP6	Ben Ebert	None	Yes	RFP657	EFS	57824		
pLKO5.sgRNA.EFS.PAC	Ben Ebert	None	Yes	Puromycin	EFS	57825		
pLKO5d.EFS.SpCas9.P2A	Ben Ebert	spCas9	NO	Puromycin	EFS	58329		
pLentiCRISPR-E	Feng Zhang	espCas9-enhanced specificity	Yes	Puromycin		78852		
pCAG-eCas9-GFP-Ug-gRNA		espCas9-enhanced specificity	Yes	GFP	CAG	79145		