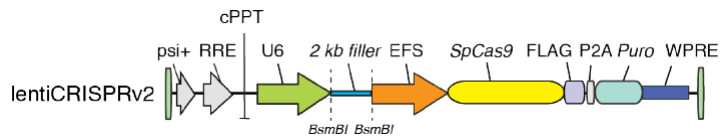
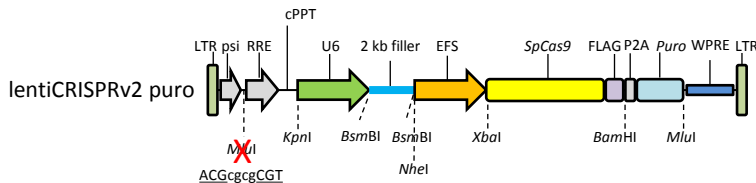


lenti-sgRNA and lenti-SpCas9 plasmid design

Addgene plasmid #52961



Addgene plasmid #98290



Deleted the upstream *MluI* restriction site by partial *MluI* digestion, Klenow end-filling and religation

Subcloned PCR-amplified *Puro/Hygro/Neo/Blast* between the *XbaI* and remaining *MluI* restriction site

Cloned a *KpnI-XhoI-BsrGI-NheI* double-stranded oligonucleotide between the *KpnI* and *NheI* restriction site of lentiCRISPRv2 puro/hygro/neo/blast

