

LZCap® AG(3'Acm) Cas9 mRNA

Cas9	sgRNA		DNA	DSB
	DNA		NHEJ	
HDR	DSB	DNA	LZCap®AG(3'Acm)	
Cas9 mRNA	sgRNA	Cas9	sgRNA	
CRISPR/Cas	LZCap®AG(3'Acm)	Cas9 mRNA	T7	
LZCap®AG(3'Acm)		Cap0		
Cap1	LZCap®AG(3'Acm)	Cap1	mRNA	LZCap®
AG(3'Acm) Cas9 mRNA	poly A	5'UTR	3'UTR	mRNA
mRNA		LZCap®AG(3'Acm) Cas9 mRNA		

mRNA

mRNA 4723

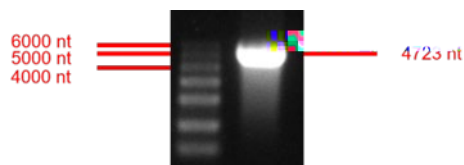
1 µg/µL

100 µL 1 mL

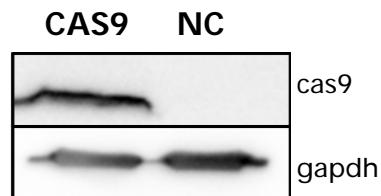
RNase

HPLC 90% 2%

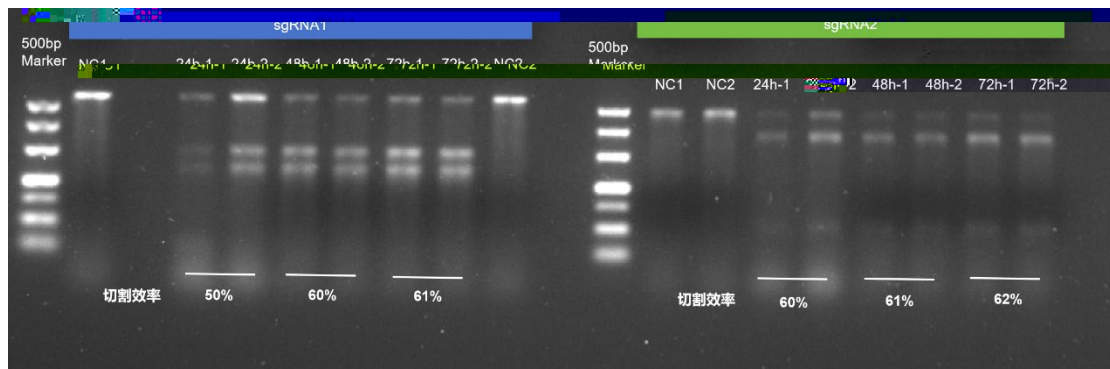
-40°C



1 LZCap®AG(3'Acm)
Cas9 mRNA



2 LZCap®AG(3'Acm) Cas9
mRNA Cas9



3	HEK293T	Cas9 mRNA	HEK293T	FSCN2
	sgRNA	Cas9 mRNA + sgRNA	24h 48h 72h	
	FSCN2			