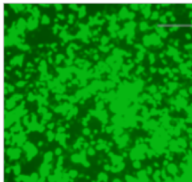
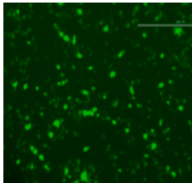
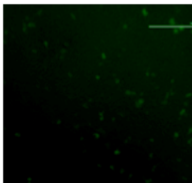


5 candidate guide RNAs tested/target site using the pCAG-eGxxFP recombination vector

TARGET DNA cutting score (pCAG-eGxxFP in 293T)		reference (synthesized)			293T (PCR from gDNA)			RAMOS (PCR from gDNA)			representative score images:
V781 promoter											
guide	PAM										
CACACGGACGACCAATTAT	AGG										
ATTGTGTCGTCCGTGTGTCA	TGG										
GTTGATAGCGCTTCCTCCAC	TGG										
CGACACAATTATAGGAGCTG	AGG										
TCGAGTCGTAATCCTGTTAG	AGG										
V434 promoter											
guide	PAM										
TCACCCTGGGAGGTGTATGC	TGG										
CTTTGTATGGATAGGTAAAA	AGG										
CTTTTTACCTATCCATACAA	AGG										
CCTTCAGCACATTTCTACC	TGG										
CCAGGTAGGAAATGTGCTGA	AGG										
3' J6 SPLICE											
guide	PAM										
GTCCTCGGGGCATGTTCCGA	GGG										
GGTCCTCGGGGCATGTTCCG	AGG										
CTCAGGTTGGGTGCGTCTGA	TGG										
TCCTCGGGGCATGTTCCGAG	GGG										
GCATTGCAGGTTGGTCCTCG	GGG										