

Supplementary information, Table S2. PCR Primers of predicted on-target and off-target sites of sgRNA-m3 for deep sequencing.

	On and Off-target sites	Primers	Primer sequence (from 5' to 3')
Human genome	h-ON	h-ON-F	GCCTTGATCTGTAGGTGGGT
		h-ON-R	CAGGACATTATTTCTCATGTCCATTT
	h-OT1	h-OT1F	CTGTGTTCCCTCCCTCAGAAG
		h-OT1R	GATCTCAAGTGCACGCAGGA
	h-OT2	h-OT2F	GCAGTCAGCTTGGTGCTTTC
		h-OT2R	TTCACTCTCACGTTCCCAGC
	h-OT3	h-OT3F	GGCTCAGGAATGGGTAGTGG
		h-OT3R	AGACACAGACACAGGGACT
	h-OT4	h-OT4F	TGGGAGTAGACATCCATAGGCT
		h-OT4R	CACCTCAGCACTCAATTGCTTT
	h-OT5	h-OT5F	TGTCTGAATTGCCTACCCGT
		h-OT5R	ACTCTGCCATTTTAAAAAGTCCCT
	h-OT6	h-OT6F	CACTACTGGCCCCCATGAATA
		h-OT6R	TCCCTCTTACAAAGAAAGAAGATT
	h-OT7	h-OT7F	TTCTGTGTCTACCCCCGCTT
		h-OT7R	GCTTCATTGCTGTCCCACAC
	h-OT8	h-OT8F	TGCTTATTGAATGATATGGCACAA
		h-OT8R	AGAAAGAATAGAGTAGATGGGCTGT
	h-OT9	h-OT9F	CTGGGGTCTCAAACCTCCC
		h-OT9R	CATGTTTCTCTGGCTCTGGC
h-OT10	h-OT10F	GTTTGCTCACGGAGAAGAATGA	
	h-OT10R	CCAAACAACACTTTTTAATGCCTTATT	
Mouse genome	m-ON	m-ON-F	TTTTACCTGCTGGTGTGAGGATCAG
		m-ON-R	TAAGTGAAGCAATGAAAAAC
	m-OT1	m-OT1F	GTACAGTGACGGCAACACCTC
		m-OT1R	GACTGTCCAGAGTCTCAGAAGAA
	m-OT2	m-OT2F	TTCTTTTCCAGCCTGACGCC
		m-OT2R	GTGGTTCAGTGAAGGTCGCT
	m-OT3	m-OT3F	TCCTGCTTCATTTTAAACAACAACAA
		m-OT3R	AAATCTAACTAGCACACCTCTTAGT
	m-OT4	m-OT4F	AAAGAGGCACAGGGCTGAAA
		m-OT4R	CAGAGAGCCAGCGACTAAACA
	m-OT5	m-OT5F	AATGCCTGTTCCCTCACTAGG
		m-OT5R	CTGATGTACTGCCCGCTTTC
	m-OT6	m-OT6F	ACCACTGGTCCACCAACAAG
		m-OT6R	TTTAGTGCCAGCCAGCCAGAA
	m-OT7	m-OT7F	CTTGAAAAGGTATGGAGATTTGGCT
		m-OT7R	TATTCTGTGTGTGTGCAAGAGCAT
	m-OT8	m-OT8F	AGACAGGACAGTCCACCCAT
		m-OT8R	TGGGACCTTCATCTCCACCT
	m-OT9	m-OT9F	AGGCATCCAGCCAAGTGATT
		m-OT9R	AAACAGACAGCCCAGGAGTG
m-OT10	m-OT10F	GTGTTATTGTTTCGCAGGCTGT	
	m-OT10R	TCACCTGTCCTAGTGCGTTC	