

Off -Target Site	Off-Target Sequence	PAM	Strand	MM	Forward detection Primer	Reverse detection Primer	Gene	Position
Chromosome 15: 42386225 - 42386247	TTTGATCA [TGGGGTATGACT]	CGG	-	0	TTCTCCTCCCTGGGTTGAC	CTCGGCTGGATTTTGCAACC	CAPN3	Exonic
Chromosome 5: 125465023 - 125465045	CTGAGTCA [TGGGGTATGACT]	AGG	-	4	CCCCAAGGAGTGCCAGAGTAA	TGGAGAAGCACTACCTTATGGC	RP11-756H20.1	Intergenic
Chromosome 14: 66857796 - 66857818	GTTGCTGC [TGGGGTATGACT]	GGG	-	4	CCTCTTCTAAGCGAACTGA	GTGGTTCCTCTGTGTAGGG	GPHN	Intronic
Chromosome 2: 167762690 - 167762712	TTAGAGTT [TGGGGTATGACT]	GGG	+	4	AGCAGGCCACTACTACTCT	CAGGTCTATTCACCCTCTGGG	CTAGE14P	Intergenic
Chromosome 5: 33894317 - 33894339	GTGGATCA [AAGGGTATGACT]	GGG	-	4	GTATTCTGCCAGCCCTCCAA	TCTACGTGAGGTAACCTCAAG	ADAMTS12	Intergenic
Chromosome 6: 87520187 - 87520209	GAAATCA [TGGGATATGACT]	GGG	-	4	ACTAAGCCACTGAGAGCAGAT	TCCCTCCCTGTAGAGCAGT	RARS2	Exonic
Chromosome 14: 57973592 - 57973614	TTGCATTA [TGGGATATGACT]	TGG	+	4	CTGTGGTCTGTTTTCTGCTG	GCAGTTGGGCTTCAGGGAG	SLC35F4	Intronic
Chromosome X: 75062360 - 75062382	CTTCATCA [TAGAGTATGACT]	GGG	+	4	TGGAAAAAGGGGATAGGCAT	TCTCCCACTGCTATGAAGT	ABC7	Exonic
Chromosome 11: 133745438 - 133745460	TGTTCTCA [TGGGATATGACT]	AGG	-	4	GGCAGGAGCAGGCAAGAATA	GTAGCAACCAGGAGTACTGT	RP11-448P19.1	Intergenic
Chromosome 10: 105967626 - 105967648	TTTGATAT [AGAGTATGACT]	TGG	+	4	AGTGCCATGGGAGATTGTC	AGCACATAACGCATGCTCAG	N / A	Intergenic
Chromosome 4: 41570773 - 41570795	ATTGGCCA [TGGGGTGTGACT]	TGG	+	4	ATCCTGGTTTGACCTGTGC	ACCCTAACGAAACAGTCTCCA	LIMCH1	Intronic