

Gene	sgRNA.ID	Source	Sequence
MMS22L	sgMMS22L.1	Deskgen	CCAGCCAATGTATATCCAAG
MMS22L	sgMMS22L.2	Library	GCTTAAGGGCTCCGCTGCAG
MMS22L	sgMMS22L.3	Deskgen	AAAGCCTCATAAGGATGGAC
MUS81	sgMUS81.1	Deskgen	AGGACTCTTCCATGCCAGTG
MUS81	sgMUS81.2	Deskgen	GGTTCCTGCCCAGCCCAAAG
MUS81	sgMUS81.3	Deskgen	ACTTCCGCAAGTCGCCCTG
Non-targeting	sgNT5	GeCKOv2	GGAGGGATTGGGAGCTTGACA
Non-targeting	sgNT40	Library	ACATAGTCGACGGCTCGATT
RNF168	sgRNF168.1	Deskgen	GAGTCCACGACGATACCCGG
RNF168	sgRNF168.2	Deskgen	AAGAAATTCTCTCGTCAACG
RNF168	sgRNF168.3	Deskgen	GATCTGCATGGAAATCCTCG
UBE2N	sgUBE2N.1	Library	CGGTTACCTTGATGATCCTG
UBE2N	sgUBE2N.2	Deskgen	GATGATCCTGCGGGGCAGCC
UBE2N	sgUBE2N.3	Library	ATAGGAAACCCAGCGTTTGC