

Table S6 Primers for off-target sites.

Primer name	Primer sequence	Chr	Start	End	Interval (bp)
DNMT3B OTS1 for	GCTGGATGGAGCTGGGTCAG	chr9	110044560	110044779	220
DNMT3B OTS1 rev	GGTCAAACCTGGGGGCCCATG				
DNMT3B OTS2 for	CTTGGAAGGAGCAAAGCAAGG	chr21	45240069	45240288	220
DNMT3B OTS2 rev	CGTCTGCTGTATTTGACAGCACTG				
DNMT3B OTS3 for	CCTCTTTATTGGCTACCACTTC	chr8	119849028	119849256	229
DNMT3B OTS3 rev	GAAATCTTGAAGATATCTTGGAAAATAGGG				
DNMT3B OTS4 for	TCCTATCTCCATGTCTTTTGGATCTG	chr1	56912818	56913042	225
DNMT3B OTS4 rev	ACTGCCCTGGGGTTTTAATCTAA				
DNMT3B OTS5 for	TGCTGCTGCCACCGCTTCCTG	chr17	27091669	27091880	212
DNMT3B OTS5 rev	CCCCAGGCAGTCTGATGTAGAAG				
DNMT3B OTS6 for	CATTACTCTGAGTTGCGAGGCAAG	chr11	28492013	28492244	232
DNMT3B OTS6 rev	TATCTAGCACACCCTCAGAGAAG				
MYOD1 OTS1 for	ACTGGTGTGGAGGACACTCAG	chr11	68097711	68097909	199
MYOD1 OTS1 rev	TGCCCCGAAGGTCATCTCAG				
MYOD1 OTS2 for	CAGCAGCATTCTGATGATGAAAGC	chr9	110838618	110838838	221
MYOD1 OTS2 rev	GAAGAAAGCATGCGAACACACTGG				
MYOD1 OTS3 for	GCAACATGCTGAGAAAGGGAATG	chr3	15168080	15168316	237
MYOD1 OTS3 rev	AGATTTCTGCTGCAGAGAGG				
MYOD1 OTS4 for	GGCCCCATCAGTTACCTTGAAATG	chrX	129783698	129783886	189
MYOD1 OTS4 rev	AATTTCTGCCACCTCCGCAGAG				

EMX1 OTS1 for	GGCTCTCACAATCGCACACAC	chr19	10516361	10516589	229
EMX1 OTS1 rev	GGTACGACTTTCCTGGGGAG				
EMX1 OTS2 for	CACCACCCCTTCTCCCTCCAG	chr17	17702008	17702216	209
EMX1 OTS2 rev	GGACACAGAAGGCGAGGCAGG				
EMX1 OTS3 for	CAGCTACGACTGTGGGATCAAGG	chr11	60501462	60501716	255
EMX1 OTS3 rev	CCCTGGGTGATGATTCTCCTCCTTG				