

**Table S1. Oligonucleotide sequences**

Oligo Name	Sequence (5'-3')
miNOS-F	CAGAGGACCCAGAGACAAGC
miNOS-B	GGCAGCACATCAAAGCGGC
mIRF8-F	GAAGACCCATTCCTGGCATCTC
mIRF8-B	CAAACCTAATCCTTTTCAGCGGC
mMll1-F	CCAAAAAGCAACAGGGCG
mMll1-B	TAGATGAAGGAGCGGAAAGGC
mMll2-F	CCTGATGGTTTTGATGTTCTTCGG
mMll2-B	GGGAGTTGATTCTGATGGAGCC
mMll3-F	TACATCAACCACTCCTGTGCCC
mMll3-B	TGACACGGAATCTTGTGCTGG
mSetd1a-F	GCCTTTCTCCCTTTTCCACCTC
mSetd1a-B	CCTTGCTTTCTGCTATCTCTGCTTC
mSetd1b-F	CACAGTAACAGCAAGTCCCATCC
mSetd1b-B	AACCACAACAAAACCACCAACG
miNOSChIP1-F	AAAGGAGAAACAGCCACCAAGC
miNOSChIP1-B	AGCACCCACAACCCAAAGAAC
miNOSChIP2-F	TTTCCCAGGTTACCCAGCATC
miNOSChIP2-B	CACACACACACACACACACCAGTC
miNOSChIP3-F	CAGCACAGCCCATCCACTATTC
miNOSChIP3-B	GGACACATTCATCAGGAGGTTTTC
miNOSChIP4-F	ACTCAGGGTAGGGTCCAGTTCATC
miNOSChIP4-B	TATGTGGCTTCTCCTTGGCGAG
m $\beta$ -actin-F	ATTGTTACCAACTGGGACGACATG
m $\beta$ -actin-B	CTTCATGAGGTAGTCTGTCAGGTC