

**Table S7.** Oligonucleotide sequences for qPCR analysis in ChIP experiments

Gene region	Forward Primer	Reverse Primer
Intergenic genomic region (In)	AGTCCAGGAGTTGGAGGTTACAGT	TGCTATATTGCCCAGGCTGGTCTT
pSVED-A Tot (Pr)	ACAGACTCAGAGAGAACCCACCAT	TCCGCACCATACTCGCCA
pSVED-A Tot (Ex)	CCCAATGTTCACTCACTGGAT	CCAGCTTAACGGTATTTGGAGGTC