

Table S1: ChIP-qPCR Primers

ID	Forward primer	Reverse primer
1	GTTCAAGTTGGCCGTTCTTTC	TGAAACTTTCCTCCAAATAGCTG
2	GCGAGCAGTGTGTGTACAGTTC	GTGTGTCTGTGTGTGAATGTG
3	TGGCCTGGTTTTACTTTTTATTCC	AGGTAACAGCCAAGTGAGAAGC
4	AAGGTGAAATGTGAAATTTGCTG	ACATCTGCCACTACTTTTTGTTGC
5	TGGTGCTTTTGTCTCTCTCTC	GGTGACAAAGGTTCAAGACTGAG
6	AGCTTGGCTGGGCTATAAATTAC	GTCATCAGGCAATTACTGTAGCC
7	TTGCAAGTCCTGTAATGATGATG	GTGATATTGAAACAGCCCAATC
8	TGTATTTAGTGTTTGTGTGCATCG	AATGCAAGCTTCCTATCTCTTCC
9	GATTAGCATCTGGATGAAAGCTG	ACACGTTACACCTTCACACTTCC
10	AAGTTAAAGCAAATGCCACAC	GATTATTCTTGAAAACAATGCCTAAAG
GAPDH promoter	CGGCTACTAGCGTTTTACG	GCTGCGGGCTCAATTTATAG
Myoglobin Exon2	CAGACGTTCCAGCACCAACTG	ACCCAGTGAGCCCATACTTG