

Table S1. Primer sequences used for RT-qPCR

Genes	RT-qPCR Primers	
	Forward	Reverse
Mitf-M	GCCTGAAACCTTGCTATGCTGGAA	AAGGTACTGCTTTACCTGGTGCCT
Tyr	CTCTGGGCTTAGCAGTAGGC	GCAAGCTGTGGTAGTCGTCT
Trp1	TGGGGATGTGGATTTCTCTC	AGGGAGAAAGAAGGCTCCTG
Trp2	AGGTACCATCTGTTGTGGCTGGAA	AGTTCCGACTAATCAGCGTTGGGT
Smile	GGGAGAAGAGGCGGAGAAAG	AGGTAGCGACTCTCCTCCTG
RPLP0	GTGCTGATGGGCAAGAAC	AGGTCCTCCTTGGTGAAC
ChIP primer CRE	CAGTGAGCTTGACTTTGATAGC	AATATTGATATCAGTTTCCCTGCTG