

Table Supplement 2 Primers used for RT-qPCR to detect gene expression.

Primer name	Primer sequence (forward)	Primer sequence (reverse)	species
GAPDH	ACATCGCTCAGACACCATG	TGTAGTTGAGGTCAATGAAGGG	human
MITF	AGGAAATCTTGGGCTTGATGG	TGTTGGGAAGGTTGGCTG	human
OTX2	CTTCGGGTATGGACTTGCTG	GTCTTGGCAAACAGTGCTTC	Human
RPE-65	TTTCTCACCCAGATGCCTTG	TTTCTCACCCAGATGCCTTG	Human
CRALBP	CCTGCAAGTGGAAGAGAAGAA	TTCCCTAGGATAGGAAGTCAGG	Human
Tyr	TCATCCAAAGATCTGGGCTATG	CCAAGGAGCCATGACCAG	Human
TYRP1	ATACTGGGACCAGATGGCAACACA	AAGCGGGTCCTTCGTGAGAGAAAT	Human
PMEL	ACCTATCCCTGAGCCTGAAG	CGATACAGAACACAATCCAGGG	Human
Best	TCATCCCCATTTCTTCGTG	TTGCTCGTCCTTGCCTTC	human
E-Cadherin	TGGGTATTCCCTCCCATCAG	TTTGTGAGGGAGCTCAGGAT	human
PAI-1	GCCCTTGAGTGCTTGTTAGA	TGGCTGGACTTCCTGAGATA	human
FN1	GAGCTGCACATGTCTTGGGAAC	GGAGCAAATGGCACCGAGATA	human
α -SMA	GGGACATCAAGGAGAAACTG	CAGGCAACTCGTAACTCTTC	human
N-Cadherin	ACAGTGGCCACCTACAAAGG	CCGAGATGGGGTTGATAATG	human
Col IV	CATGGACTGGTTTCCACAA	TGAAGGGCTACATCAGAAATG	human
Zeb1	GTGGCGGTAGATGGTAATG	ACCTTGTTGTATGGGTGAAG	human