

Radiofrequency Irradiation Mitigated UV-B-Induced Skin Pigmentation by Increasing Lymphangiogenesis

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Supplementary Tables

Table S1. List of primers for qRT-PCR used in this study.

Gene	Species	Primers	
<i>Hsp90</i>	mouse	Forward	5'-CTA CCA GAG GAC GAG GAA GAG A-3'
		Reverse	5'-AAG ATC TCC TTC ATG AGC TTG C-3'
<i>Braf</i>		Forward	5'-AAG TCG GAT GAA AAC ACT TGG T-3'
		Reverse	5'-CTG TCC CAC TGT AAT CTG TCC A-3'
<i>Mek</i>		Forward	5'-ACC GAG GCT TCT TCC TTC TC-3'
		Reverse	5'-GCC CTT CTT CAC CTT CTC TTT T-3'
<i>Erk</i>		Forward	5'-TTC AAG TTT GAC ATG GAG TTG G-3'
		Reverse	5'-GAT CTG TAT CCT GGC TGG AAT C-3'
<i>Actb</i>		Forward	5'-CCG TAA AGA CCT CTA TGC CAA C-3'
		Reverse	5'-GCA GTA ATC TCC TTC TGC ATC C-3'
<i>HSP90</i>	human	Forward	5'-GTT GAA AAG GTG GTT GTG TCA A-3'
		Reverse	5'-TCA TGA TTC TCT CCA TGT TTG C-3'
<i>BRAF</i>		Forward	5'-CAG CTC CCA ATG TGC ATA TAA A-3'
		Reverse	5'-ACC ACG AAA TCC TTG GTC TCT A-3'
<i>MEK</i>		Forward	5'-AGG TCC TCA CCA AAG TCC TAC A-3'
		Reverse	5'-AGT CTT TGA CGA AGG ACT GGA A-3'
<i>ERK</i>		Forward	5'-GGA ATT GGA TGA CTT GCC TAA G-3'
		Reverse	5'-GAT CTG TAT CCT GGC TGG AAT C-3'
<i>LYVE-1</i>		Forward	5'-GCT AGT GCT TGC TCT CCT CTT C-3'
		Reverse	5'-AAG GCC TTC ACA TAC CTT TTG A-3'
<i>VE-cadherin</i>		Forward	5'-GAT CTC CGC AAT AGA CAA GGA C-3'
		Reverse	5'-TCC GTG AGG GTA AAG TTG TTC T-3'
<i>ACTB</i>		Forward	5'-GGG ACC TGA CTG ACT ACC TCA T-3'
		Reverse	5'-CCT TAA TGT CAC GCA CGA TTT-3'

Table S2. List of antibodies for immunohistochemistry used in this study.

Antigen (host)	Company	Catalog no.	Dilution rate
VEGF-C (Rabbit)	Invitrogen	PA5-29772	1:100
VEGFR 3 (Mouse)	Santa cruz biotechnology	sc-514825	1:50
PI3K (Mouse)	Santa cruz biotechnology	sc-376112	1:100
pAKT 1/2 (Mouse)	Santa cruz biotechnology	sc-514032	1:50
pERK 1/2 (Rabbit)	Invitrogen	PA5-37824	1:200
LYVE-1 (Rabbit)	LSBio	LS-B10511	1:100
VE-cadherin (Goat)	Santa cruz biotechnology	sc-6458	1:100
CD68 (Mouse)	Santa cruz biotechnology	sc-70761	1:100