

# **SUPPLEMENTAL MATERIAL**

**Table S1.** shRNA vectors and shRNA-scramble controls utilized in experiments (Plasmids)

shRNA constructs	Product code	Insert sequence (5' to 3')	Company
pLenti6-NT shRNA (NT shRNA control)	N/A	ACTACCGTTGTTATAGGTGTTCAAGAGACACCTATAACAACGGTAGTTTTTTGGAA	N/A
MISSION® HDAC1 shRNA	TRCN0000195467	CCGGCGGTTAGGTTGCTTCAATCTACTCGAGTAGATTGAAGCAACCTAACCGTTTTTTG	Sigma-Aldrich
MISSION® bFGF shRNA	TRCN0000368438	CCGGTATAGCTCAGTTTGGATAATTCTCGAGAATTATCCAAACTGAGCTATATTTTG	Sigma-Aldrich
MISSION® pLKO.1-puro-CMV-TurboGFP™ (Positive control)	SHC003	No shRNA insert	Sigma-Aldrich

**Table S2.** Gene specific primers with respective annealing temperatures (Primers)

Target	Identifier	Sequence (5' to 3')	Species	Amplicon (bp)	Annealing Temp. (°C)
<b>Paracrine factors</b>					
Ang-1 (qPCR)	Ang-1 fwd	TGCCAGAACCCAAAAAGGTGT	Human cDNA	143	60
	Ang-1 rev	TTCACCGGAGGGATTCCAA	Human cDNA	143	60
PDGFA (qPCR)	PDGFA fwd	AAGCAGCCAACCAGATGTGA	Human cDNA	133	60
	PDGFA rev	GGAGGAGAACAAAGACCGCA	Human cDNA	133	60
VEGFA (qPCR)	VEGFA fwd	CTCCACCATGCCAAGTGGTC	Human cDNA	105	60
	VEGFA rev	GCAGTAGCTGCGCTGATAGA	Human cDNA	105	60
bFGF (qPCR)	bFGF fwd	GCTGTACTGCAAAAACGGGG	Human cDNA	94	60
	bFGF rev	TAGCTTGATGTGAGGGTCGC	Human cDNA	94	60
HGF (qPCR)	HGF fwd	AACACAGCTTTTTGCCTTCG	Human cDNA	180	60
	HGF rev	AACTCTCCCCATTGCAGGTC	Human cDNA	180	60
SCF (qPCR)	SCF fwd	CCTGAGAAAAGGGAAGGCCAAA	Human cDNA	110	60
	SCF rev	AAGGCTCCAAAAGCAAAGCC	Human cDNA	110	60
SDF1 (qPCR)	SDF1 fwd	TGCCCTTCAGATTGTAGCCC	Human cDNA	145	60
	SDF1 rev	CGAGTGGGTCTAGCGGAAAG	Human cDNA	145	60
<b>HDAC transcripts</b>					
HDAC1 (qPCR)	HDAC1 fwd	TCAAGCCGGTCATGTCCAAA	Human cDNA	178	64
	HDAC1 rev	CCTCCCAGCATCAGCATAGG	Human cDNA	178	64

**Table S3.** Antibodies with corresponding dilutions

<b>Antibody</b>	<b>Supplier</b>	<b>Catalogue #</b>	<b>Dilution</b>
bFGF (19A9) Rabbit mAb	Cell Signaling Technology	3196	1:2000
Histone Deacetylase 1 (HDAC1) Rabbit pAb	Cell Signaling Technology	2062	1:1000
$\beta$ -Actin Mouse mAb	Ambion	AM4302	1:5000