

Table S5. List of siRNA and of primers used in qRT-PCR and qPCR (ChIP)

siRNA					
Gene symbol	Gene title	Acc. Numb.	Application	Name of RNA	Sequences of RNA
BAHD1	bromo adjacent homology domain containing 1	NM_014952	siRNA	BAHD1#1 sense BAHD1#1 antisense BAHD1#2 sense BAHD1#2 antisense BAHD1#3 sense BAHD1#3 antisense	ggucaaugccaagaacuauu auaguucuuugcuaugaccct ggcugccugaugaaccuatt augguucaucagggcagcct ggacuugcauuuucaguuu aacugaaaugcaagucct
qRTPCR assays					
Gene symbol	Gene title	Acc. Numb.	Application	Name of primers	Sequences of primers
18S	18S rRNA gene	X03205	SYBRgreen Taqman assay	HSP_18S_PP1_fw HSP_18S_PP1_rv Hs99999901 s1	ACCGCGTTCATTTTGTG CCCTCTTAATCATGGCCTCA
GAPDH	glyceraldehyde 3-phosphate dehydrogenase	NM_002046	SYBRgreen Taqman assay	HSP_GAPDH_5_fw HSP_GAPDH_5_rv Hs99999905 m1	GCCATCAATGACCCCTTCATT TTGACGGTGCCATGGAATTT
HPRT	hypoxanthine phosphoribosyltransferase	NM_000194	SYBRgreen	HSP_HPRT_PP2_fw HSP_HPRT_PP2_rv	CACTGGCAAAACAATGCAGA AACACTTCGTGGGGCTCTT
BAHD1	bromo adjacent homology domain containing 1	NM_014952	SYBRgreen	HSP_BAHD_FP2_fw HSP_BAHD_FP2_rv	CTGACTCGCCTGGAGAATG GTCAGGCGGTAGCTCATCA
IGF2	insulin-like growth factor 2 (somatomedin A)	X07868	SYBRgreen	HSP_IGF2_A1_fw HSP_IGF2_A1_rv	AGTCGTGGCTCCTCATCTTG CAGGCACAGGTGACATTCAG
IGF2AS	insulin-like growth factor 2, antisense	NP_057496	SYBRgreen	HSP_IGF2AS_sp2_fw HSP_IGF2AS_sp2_rev	GCTGAAGCTCTGGCTCTGA GGAGCTGGTTTGTAAATGC
ALOX5	arachidonate 5-lipoxygenase	NM_000698	SYBRgreen	HSP_ALOX5_A3_fw HSP_ALOX5_A3_rv	AGCGCAACAAGAAGAAGCA ACTGGCAGTGTGCTCAGATG
ANX	annexin A1	NM_000700	SYBRgreen	HSP_ANX_B1_fw HSP_ANX_B1_rv	AAAGTGGTCCCGGATCAG TTATGCAAGGCAGCCGACATC
CA3	collagen, type III, alpha 1	A1813758	SYBRgreen	HSP_CA3_B1_fw HSP_CA3_B1_rv	AACACGCAAGGCTGTGAGACT GCCAACGTCCACACCAAATT
F2R	coagulation factor II (thrombin) receptor	NM_001992	SYBRgreen	HSP_F2R_A1_fw HSP_F2R_A1_rv	TTCTCACATTCCACCACAGA GGCACTCAGAGGAAGCGTAA
LAMP2	Lysosomal-associated membrane protein 2	NM_013995	SYBRgreen	HSP_LAMP2_sp2_fw HSP_LAMP2_sp2_rv	TGTGGTCGGTGGTCATCA GGTACAACAACAGCTGCAACA
PLAU	plasminogen activator, urokinase	NM_002658.2	SYBRgreen	HSP_PLAU_A2_fw HSP_PLAU_A2_rv	GACAAGCCAGGCGTCTACA CCATTCTCTCTTGGTGTGA
SCARA3	scavenger receptor class A, member 3	NM_016240.2	SYBRgreen	HSP_SCARA3_A2_fw HSP_SCARA3_A2_rv	CGGACTGGCAGAACTACACA GTGGCCTGGATGTTCTTGAC
SESN3	sestrin 3	NM_144665.2	SYBRgreen	HSP_SESN3_A1_fw HSP_SESN3_A1_rv	GGTATTGCTGAGTGGTTGAATG ATCAGCCAAGGTCGATGTG
BVES	blood vessel epicardial substance	NM_147147	Taqman assay	Hs00362584_m1	
CPLX1	complexin 1	NM_000305	Taqman assay	Hs00362510_m1	
PON2	paraoxonase 2	NM_000305	Taqman assay	Hs00165563_m1	
HBA1	hemoglobin, alpha 1	NM_000558	Taqman assay	Hs00361191_g1	
qPCR (ChIP) assays					
Gene symbol	Gene title	Acc. Numb.	Application	Name of primers	Sequences of primers
IGF2	insulin-like growth factor 2 (somatomedin A)	X07868	SYBRgreen	IGF2_CpG1_fw IGF2_CpG1_rv	TGGAAGAATGTTGAGGGCAGGG AGGCCAGAAACAATAGTGGGAGGA
			SYBRgreen	IGF2_DMR0_fw IGF2_DMR0_rv	ACTTTAAGTGTTCAGGCGTGGGTG TTTGTGCAGCCCTAAAGGAGAACC
			SYBRgreen	IGF2_P3-a_fw IGF2_P3-a_rv	TTGGGTTTCTTCTTACCCCGGA TTCTTTGCCTTCTCCACACGGA
			SYBRgreen	IGF2_P3-b_fw IGF2_P3-b_rv	AAATTTGGGCATTGTCCCGGCTC TGTGTTTGGCAACGCTAGAGAGA
			SYBRgreen	IGF2_P3-c_fw IGF2_P3-c_rv	AACTCGCTCTATGCAAGTCCAAC GCGGGAACACAGCTCAAATCCTA
			SYBRgreen	IGF2_Int5-6_fw IGF2_Int5-6_rv	ACCTCGGCATTATGACCTGTGTGT CAAGAAGTGAGAAGCACCAGCAT
			SYBRgreen	IGF2_DMR2_fw IGF2_DMR2_rv	ACGGACGTTTCCATCAGGTTCCT TTGAAGATGCTGCTGTCTTCTCT
			H19	H19, imprinted maternally expressed untranslated mRNA	NR_002196
CD44	CD44 molecule	NM_001001389	SYBRgreen	CD44_CpG_fw CD44_CpG_rv	TATTTACAGCCTCAGCAGACGCG AAACAGTGACCTAAGACGGAGGGA