

Supplementary Table S2. List of primers and probes used for PCR.

TaqMan qPCR assays (IDT)

Primer	Direction	5'to3' primer sequence
SUSD3	Probe	5' /56-FAM/ACC ACA GCT /ZEN/TCA CC CAG ACC AT/3IABkFQ/3'
	Primer 1	5' -CCT CAA GCA CTT CAA CAA ACC-3'
	Primer 2	5' -GAT CCC AGG GTC CTT GTC-3'
GALNT14	Probe	5' /56-FAM/CCC CAG TG /ZEN/TTC TTG TCC TTT GCA /3IABkFQ/3'
	Primer 1	5' -GAG CTG TGC CTG TCA GTC-3'
	Primer 2	5' -ATG CTA TGT GCT CGA TGT GG-3'
BCL2	Probe	5' /56-FAM/AAC AAA TGC /ZEN/ATA AGG CAA CGA C/3IABkFQ/3'
	Primer 1	5' GCT ATA ACT GGA GAG TGC TGA AG3'
	Primer 2	5' AGT CTA CTT CCT CTG TGA TGT TG3'
VAV1	Probe	5' /56-FAM/CCA TAG ATC /ZEN/TCC CCT CGC CAC CA/3IABkFQ/3'
	Primer 1	5' GTG ACA TCA TCA AGA TCC TTA ACA AG3'
	Primer 2	5' CAG AAT AAT CTT CCT CCA CGT AGT3'
MYC	Probe	5' /56-FAM/TGG GCG GTG /ZEN/TCT CCT CAT GG/3IABkFQ/3'
	Primer 1	5' TCC TCG GAT TCT CTG CTC TC3'
	Primer 2	5' TCT TCC TCA TCT TCT TGT TCC TC3'
GAPDH	Probe	5' -/56FAM/CAG CAA GAG/ZEN/CAC AAG AGA GAG AGA/3IABkFQ/-3'
	Primer 1	5' -AGG GTG GTG GAC CTC AT-3'
	Primer 2	5' -TGA GTG TGG CAG GGA CT-3'
RPLP0	Probe	5' -/56-FAM/CCA GGA CTC/ZEN/GTT TGT ACC CGT TGA T/3IABkFQ/-3'
	Primer 1	5' -GGT GTA ATC CGT CTC CAC AG-3'
	Primer 2	5' -GAA ACT CTG CAT TCT CGC TTC-3'
PERK	Probe	5' -/56-FAM/TTT CTT GAT/ZEN/GGA GAG AGC GGG CTG G/3IABkFQ/-3'
	Primer 1	5' -AGG ACT TGC CTA TGG AAA CC-3'
	Primer 2	5' -CTG TTG CTC CAA GGT GTG AT-3'
ATF6	Probe	5' -/56FAM/AGG ACT G/ZEN/AGG ATA GCA AGA TGA GAA/3IABkFQ/-3'
	Primer 1	5' -AAC TTT AGT CGG CCT GAT GG-3'
	Primer 2	5' -GAA TCA AAG CAA AAG CCT GTC C-3'

Primers used for conventional PCR

Primer Name	Sequence of Primer	Product Size
GAPDH	Forward: 5' -ACC ACA GTC CAT GCC ATC - 3'	452 bp
	Reverse: 5' -TCC ACC ACC CTG TTC CTG- 3'	
XBP1s	Forward: 5' -GGG AAT GAA GTG AGG CCA G- 3'	XBP1u: 137 bp XBP1s: 111 bp
	Reverse: 5' -TGA AGA GTC AAT ACC GCC A- 3'	

miRNA Assay Name	Mature miRNA sequence	Assay ID	MirBase ID and accession no.
U6 SnRNA	GTGCTCGCTTCGGCAGCACATATACTAAAATTGG AACGATACAGAGAAGATTAGCATGGCCCCTGCGC AAGGATGACACGCAAATTCGTGAAGCGTTCATA TTTT	001973	
hsa-miR-616-5p	ACUCAAAACCCUUCAGUGACUU	001589	hsa-miR-616-5p MIMAT0003284
hsa-miR-616-3p	AGUCAUUGGAGGGUUUGAGCAG	002414	hsa-miR-616-3p MIMAT0004805
Primary hsa- miR-616	UUAGGUAAUCCUCCACUAAAAACCCUUCAGUGA CUUCCAUGACAUGAAAUAGGAAGUCAUUGGAGGG UUUGAGCAGAGGAAUGACCUGUUUUAAAA	Hs03304633_pri	MI0003629

TaqMan qPCR assays for microRNAs (Applied Biosystem)