

Supplementary Table 1

List of Primers used in the study

Gene		Primer sequence	PCR
TNF alpha	For	5' TGCCTATGTCTC AGCCTCTTC 3'	117
	Rev	5' GAG GCC ATT TGG GAA CTT CT 3'	
SOD1	For	5' CAGGACCTCATTTTAATCCTC AC 3'	78
	Rev	5' TGCCACGGTCTCCAACAT 3'	
Lumican	For	5' TCGAGCTTGATCTCTCCTAT 3'	131
	Rev	5' TGG TCCCAGGATCTTACAGAA 3'	
FABP	For	5' CCATGACTGGGGAAAAAGTC 3'	74
	Rev	5' GCC TTT GAA AGT TGT CAC CAT 3'	
TGF Beta1	For	5' TGG AGC AAC ATG TGG AAC TC 3'	71
	Rev	5' CAG CAG CCG GTT ACC AAG 3'	
TIMP-1	For	5' GCA AAG AGC TTT CTC AAA GAC C 3'	73
	Rev	5' AGG GAT AGA TAA ACA GGG AAA CAC T 3'	
Collagen 1 $\alpha$ 1	For	5' CTC CTG GCA AGA ATG GAG AT 3'	91
	Rev	5' AAT CCA CGA GCA CCC TGA 3'	
18S	For	5' CTCAACACGGGAAACCTCAC 3'	110
	Rev	5' CGCTCCACCAACTAAGAACG 3'	
ASMA	For	5' GGCA CCCA GGGC CAGA GTCA	178
	Rev	5' ATGA CACC CTGG TGAC GGGG 3'	
CHOP	For	Assay ID: Mn00492097-m1	82
	Rev	Assay ID: Mn00492097-m1	

PUMA	For	Assay ID: Mn00519268-m1	61
	Rev	Assay ID: Mn00519268-m1	
SPP1	For	5' AGCCACAAGTTTCACAGCCACAAGG 3'	213
	Rev	5' CTGAGAAATGAGCAGTTAGTATTCCTG 3'	
PERK	For	5' ACCCAGATGGAACGAGTCCGGATTTT 3'	128
	Rev	5' CGCTCCGTGGGGGATGGAGA 3'	
BiP/GRP78	For	5' ACTCCGGCGTGAGGTAGAAA	151
	Rev	5' AGAGCGGAACAGGTCCATGT 3'	
ATF6	For	5' TGGGAGTGAGCTGCAAGTGT 3'	295
	Rev	5' ATAAGGGGGAACCGAGGAG 3'	
XBP-1	For	5' AAACAGAGTAGCAGCGCAGACTGC 3'	Spliced - 446
	Rev	5' TCCTTCTGGGTAGACCTCTGGGA 3'	Unspliced- 290, 183