

**Supplementary table 1: List of primers used in the study**

<b>S.No</b>	<b>Primer</b>	<b>Sequence</b>	<b>Product Size (bp)</b>
1	Transforming Growth Factor $\beta$ 1 (TGF $\beta$ 1)	F 5' TGG TGG AAA CCC ACA ACG AA 3' R 5' GAG CAA CAC GGG TTC AGG TA 3'	113
2	TGF $\beta$ R1	F 5' GGT ACT TGG ACT CAG CTC TGG 3' R 5' CAA TGG CTG GCT TTC CTT GG 3'	178
3	TGF $\beta$ RI1	F 5' AAG GAA GGG ACC CAT GAC AG 3' R 5' ATG GCC AGA AGA GAA GTG CT 3'	179
4	Connective tissue growth factor (CTGF)	F 5' GTT CCA AGA CCT GTG GGA TG 3' R 5' TGG AGA TTT TGG GAG TAC GG 3'	165
5	Collagen 3 (Col3A3)	F 5' TGG CCT TCC TTC GAC TTC TC 3' R 5' GTT TCG TGC AAC CAT CCT CC 3'	198
6	$\alpha$ -Smooth Muscle Actin ( $\alpha$ -SMA)	F 5' GGCTGTTTTCCCATCCATTGT 3' R 5' TCTTTTGCTCTGTGCTTCGT 3'	103
7	Vimentin	F 5' TTG CAG GAG GAG ATG CTT CA 3' R 5' TTG CGT TCA AGG TCA AGA CG 3'	104
8	$\beta$ -Actin	F 5' TGA CCC AGG ACT CTC TTC TCT 3' R 5' TCA TGG CCT TGT CAC ACG AG 3'	166
9	Bax	F 5' GGT TGT CGC CCT TTT CTA C 3' R 5' AAG TCC AAT GTC CAG CCC 3'	102
10	Bcl2	F 5' ATT TGG CAG GGG CAG AAA AC 3' R 5' GCT GTG GAG AGA ATG TTG GC 3'	114
11	$\alpha$ -Tubulin	F 5' ATC ACT GCT TCC CTG AGA TTT G3' R 5' GCT GTT CAT GGT AGG CTT TCT 3'	145
12	18srRNA	F 5' GTG GAG CGA TTT GTC TGG TT 3' R 5' GGA CAT CTA AGG GCA TCA CAG A 3'	165