

Table I: Primers used for real time RT-PCR analysis

S. No.	Gene name	Primer sequence (5'to 3')	Annealing temp (°C)	Product size (bp)
1	ACVRIB F ACVRIB R	CCCAGTGGTCACCTCAAGGAGC CTGGCGGTTGTGATAGACACGC	65	156
2	TGFβRIII F TGFβRIII R	ACCGTGATGGGCATTG TGGGGAAGGAGGAAGACCC	58	112
3	SC4MOL F SC4MOL R	GGGAAAGAATGCCAAGATGGT TGGAGCCTGAAACTCATGATG	60	152
4	CTGF F CTGF R	TGCCCTCGCGGCTTACCGA GTGGAGATGCCCATCCCACAGG	70	126
5	Decorin F Decorin R	GATGAGGCTTCTGGGATAGG AAGGGAAGGAGGAAGACCC	54	147
6	Follistatin F Follistatin R	AACTTGTCGGGATGTTTTCTGTCC ATCTGCCCAGCAGGCAGGT	60	190
7	HMGCR F HMGCR R	TGATTGGAGTTGGTACCATG ATGGCTGAGCTGCCAAAT	63	196
8	CRHBP F CRHBP R	GACAGACCCCAACCTCTTTCC TGTCCAGGGTGAGATCAGATA	57	147
9	Inh-α F Inh-α R	GAAGGGTAGAAGAGGGTGGG GCAGCACCATAGCTCACCT	63	130
10	Inh-β _A F Inh-β _A R	CATCACGTTTGCCGAGTCAGGAA GAGGCGGATGGTGACTTTGGTC	70	157
11	SCD F SCD R	CTGTGCTCCCCTGCCACAC GCTGGCCCACTGGCTCAAC	64	144
12	SCARB1 F SCARB1 R	GGAACGGGCTGAGCAAGGA GGCTGTAGAATCCAGCGAGG	58	121
13	MOCOS F MOCOS R	CGCCTGGCAGGAACTGTCTA TCATGGGTGAGCTTGCTGC	60	143
14	NPC-1 F NPC-1 R	AATGCAAGTGACAAAGGAGAGG ACACAGCCAGGGTTTCGG	63	119
15	PAPPA1 F PAPPA1 R	GAGCAGAGCTGCGTGCACCT CGTAGCCTGTCCGGCAGCT	67	136
16	SERPINE1 F SERPINE1R	TGGGTGAAGACACACACAAAAGGG GATTTGTGGAAGAGGCGGCG	60	141
17	PDE4D F PDE4D R	CCGGAAGTCCCTCCATTGCC GGGTGATCTTTTGCTAGGTGCTC	65	148
18	PKIA F PKIA R	GTGGGGAAGCCCAGGGAGA GGTTCCTGCAATGCAGCACAG	65	164
19	PTPN F PTPN R	GTGCCAATAACACGGACCAAAT GGCAGTGAATAATTCAGTTCTGC	65	182
20	RUNX-1 F RUNX-1 R	AGAACCTCGAAGACATCGGCA GGCTGGGTGGTGTGGGCT	65	130
21	A2M F A2M R	TCTGGGTCAGTCTCAACA AGGGCATTGCGGACAAC	54	128
22	LHR F LHR R	TGCAGGCCCTGCCGAGCTAT AAGCACAGCAGTGCTGGGG	74	151
23	PKCδ F PKCδ R	CCGAGCGCTGCAAGAAGAA GTTGGGAAGTGGCCTCGTC	60	148
24	StAR F StAR R	AAGGGGCTGAGGCAACA CTTCCAGCCGAGAACCGAG	60	133
25	3βHSD F 3βHSD R	TGGGGAAGGAGGCCATTCC CCCAGGCCACGTTGCCAAC	67	122

26	CYP11A1 F CYP11A1 R	CGAGGACATCAAGGCCAACGT CCTCTGCCCCGAGCATATCC	64	128
27	CYP19A1 F CYP19A1 R	CAATACCAGGTCCTGGCTAC CCTCTCCAGAGATCCAGAC	60	141
28	L19 F L19 R	GCCAACTCCCGTCAGCAGA TGGCTGTACCCTTCCGCTT	60	154
29	LDLR F LDLR R	CTGTGACTCAGACCGGGAC CGAGCCATCTTCGCAGTC	60	151
30	PTGIS F PTGIS R	GGGGACAAGGACCACATGTGC TCCTCTGACACACCCATCTCCTC	68	140
31	PTGFR F PTGFR R	TGGGGCTCTTAGCCCTTGGTG GATCTGCCTTGTCTGTGCTGCTG	68	103
32	BMP2 F BMP2 R	GGCATCCTCTCCACAAAA AGCCACAATCCAGTCATTC	60	131
33	SFRP2 F SFRP2 R	CAACCTGCAGCTGTGCCA CTGCTTCATGACCAGCGG	60	124