

Table 4. Fold change in VSMC extracellular matrix gene expression after treatment with ROS

Gene	Fold Up- or Down-Regulation	Gene (continuation)	Fold Up- or Down-Regulation
	ROS /Control		ROS /Control
MMP1	18,79	ADAMTS8	-1,41
MMP10	14,54	CTNND2	-1,41
MMP3	5,43	ITGA8	-1,41
MMP12	4,93	ITGAL	-1,41
ICAM1	3,64	ITGAM	-1,41
MMP14	3,14	ITGB2	-1,41
TIMP3	2,75	ITGB4	-1,41
SPP1	2,66	MMP7	-1,41
CD44	2,27	SELE	-1,41
ITGA2	2,22	SELL	-1,41
ADAMTS1	2,12	SELP	-1,41
ITGA3	1,88	CTGF	-1,42
RPL13A	1,78	COL8A1	-1,45
THBS1	1,58	LAMA1	-1,47
PECAM1	1,52	SPARC	-1,52
CNTN1	1,51	FN1	-1,55
CTNNB1	1,47	CDH1	-1,55
CTNNA1	1,39	B2M	-1,58
MMP8	1,32	ITGA4	-1,61
MMP15	1,30	COL16A1	-1,75
ITGA6	1,29	SGCE	-1,79
ITGA5	1,22	TNC	-1,90
HPRT1	1,13	LAMB1	-1,93
LAMB3	1,10	ITGAV	-2,01
ECM1	1,07	LAMA2	-2,05
THBS3	1,07	TGFBI	-2,14
ITGB3	1,05	MMP9	-2,14
COL6A2	1,05	ITGA7	-2,41
LAMA3	-1,01	TIMP2	-2,56
LAMC1	-1,03	THBS2	-2,60
ACTB	-1,03	MMP16	-2,99
SPG7	-1,03	KAL1	-3,09
ITGB1	-1,07	COL5A1	-3,11
NCAM1	-1,08	COL11A1	-3,16
MMP2	-1,10	ITGA1	-3,24
CLEC3B	-1,11	COL4A2	-3,27
TIMP1	-1,16	VCAM1	-3,31
COL7A1	-1,16	VCAN	-3,94
ADAMTS13	-1,18	HAS1	-4,19
MMP13	-1,20	COL1A1	-4,25
COL6A1	-1,22	COL12A1	-4,99
GAPDH	-1,24	COL15A1	-7,40
ITGB5	-1,25	VTN	-11,54
CTNND1	-1,28	COL14A1	-52,64
MMP11	-1,36		