

Supplementary Table 1. Primer sequences used for real-time quantitative PCR (q-PCR) analysis

<i>Gene</i>	<i>5' to 3'</i>	<i>Primers</i>
Itg α 1	Sense	5'-CACCTTTCAAACCTGAGCCCGCCA-3'
	Anti-Sense	5'-GCTGCCCAGCGATGTAGAGCACAT-3'
Itg α 2	Sense	5'-TGACCAGGTTCTGCAGGATAGA-3'
	Anti-Sense	5'-AGTAGAAATTGCAGCCACAGAGTAAC-3'
Itg α 3	Sense	5'-TGGGCAAGTGCTATGTGCGTGGCA-3'
	Anti-Sense	5'-TCTGGGTGAAGCCGCCGCTGGT-3'
Itg α 5	Sense	5'-CACTTGGCTTCAGGGCATTTC-3'
	Anti-Sense	5'-CAACTACACCCCCAACTCACAGG-3'
Itg α v	Sense	5'-TTGGGGACGACAACCCTCTGACAC-3'
	Anti-Sense	5'-TGCGGCGGGATAGAAACGATGAG-3'
Itg β 1	Sense	5'-GGAGAAAACCTGTGATGCCATACAT-3'
	Anti-Sense	5'-TGGGCTGGTACAGTTTTGTTC-3'
Itg β 3	Sense	5'-GCTTTGGGGCCTTCGTGGACAA-3'
	Anti-Sense	5'-CATGGGCAAGCAGGCATTCTTCAT-3'
Runx 2	Sense	5'-AGATGGGACTGTGGTTACCG-3'
	Anti-Sense	5'-GGACCGTCCACTGTCACCTTT-3'
OSX	Sense	5'-GCTGCCTACTTACCCGTCTG-3'
	Anti-Sense	5'-AGGTTTGCCTGCACCACTC-3'
COL-1	Sense	5'-CCAGCTGACCTTCCTGCGCC-3'
	Anti-Sense	5'-CGGTGTGACTCGTGCAGCCA-3'
FN	Sense	CATGGCTTTAGGCGAACCA
	Anti-Sense	CATCTACATTTCGGCAGGTATGG
ALP	Sense	5'-ATGGTAACGGGCCTGGCTACA-3'
	Anti-Sense	5'-AGTTCTGCTCATGGACGCCGT-3'
BSP	Sense	5'-CCAGCCAGGACTGCCGAAGG-3'
	Anti-Sense	5'-CGCTGCCTCCCTGGACTGGA-3'
OCN	Sense	5'-CCTGGCAGGTGCAAAGCCCA-3'
	Anti-Sense	5'-GGGGGCTGGGGCTCCAAGT-3'
GAPDH	Sense	5'-GGCAAGTTCAACGGCACAGT-3'
	Anti-Sense	5'-TGGTGAAGACGCCAGTAGACTC-3'