

Supplementary Material

Biomolecular, Histological, Clinical, and Radiological Analyses of Dental Implant Bone Sites Prepared Using Magnetic Mallet Technology: A Pilot Study in Animals

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Table S1. Primer sequences for PCR analysis.

Gene	Accession Number	Primer Sequences
BMP-4	NM_001101031	FW 5'-ggcccctcctggtcacattt-3' RV 5'-tccccatggcagtagaaggc-3'
TGF- β 2	XM_021064293	FW 5'-gctgcctgcgtccactttac-3 RV 5'-cagagctccacaggtacggg-3'
RUNX2	XM_005666074	FW 5'-ccccatccatccactccacc-3' RV 5'-aggcagaagtcagaggtggc-3'
ALP	AH012163.2	FW 5'-tcactgctgaccactccac-3' RV 5'-gggtttctgtccgtgtgc-3'
OCN	XM_013996978.2	FW 5'-gttccccacctgtccacca-3' RV 5'-ctccagcccatgatccagg-3'
COLL1A1	AF201723	FW 5'-ggtgaacccggcaacaagg-3' RV 5'-gctccctcacgtccagactc-3'
BMP-7	NM_001105290	FW 5'-gaacagcagcagtgaccagc-3' RV 5'-acgagttgagtggaagggc-3'
IL-1 β	M86725	FW 5'-gcacactagggtcactggca-3' RV 5'-gacactgctgttctggcc-3'
IL-6	JQ839263	FW 5'-gggaaatgtcgaggctgtgc-3' RV 5'-ttgtggtggggttaggggtg-3'
TNF α	X57321	FW 5'-gagaatgaggggctggggac-3'

		RV 5'-tcttggtggtggtcagtgcc
IL-10	NM_214041	FW 5'-tctacatgccagctcagc-3' RV 5'-caggctggttggaagtga-3'
IL-8	M86923.1	FW 5'-aggaccagagccaggaagaga3' RV 5'-gccagaactgcagcctcaca-3'
WNT3a	XM_021083340	FW 5'-tgtgaacccaaccccgagac-3' RV 5'-ctctcagtgcgtgcgttg-3'
WNT5a	XM_005669660.1	FW 5'-gctgcggagacaacatcgac-3' RV 5'-gcagggtcatgaggatgcgc-3'
WNT10b	KF569219	FW 5'-gtgggaatggggtggtgta-3' RV 5'-cgcatctgcctggatgctc-3'
WNT16	XM_003134736	FW 5'-cagcggcaccaaggaaacag-3' RV 5'-ctgagccgccattctgcaag-3'
GAPDH	NM_001206359	FW 5'-ctctctgctcctccccgttc-3' RV 5'-ggccaaatccgttcactccg-3'

All sequences used for designing primers are from Sus Scrofa. BMP-4, Bone Morphogenetic Protein-4; TGF- β 2, Transforming Growth Factor- β 2; RUNX2, RUNX Family Transcription Factor 2; ALP, Alkaline Phosphatase; OCN, Osteocalcin; COL1A1, Collagen 1A1; BMP-7, Bone Morphogenetic Protein-7; IL-1 β , Interleukin-1 β ; IL-6, Interleukin-6; TNF α , Tumor Necrosis Factor α ; IL-10, Interleukin-10; IL-8, Interleukin-8; WNT, Wingless-related MMTV integration site; GAPDH, Glyceraldehyde 3-phosphate dehydrogenase.