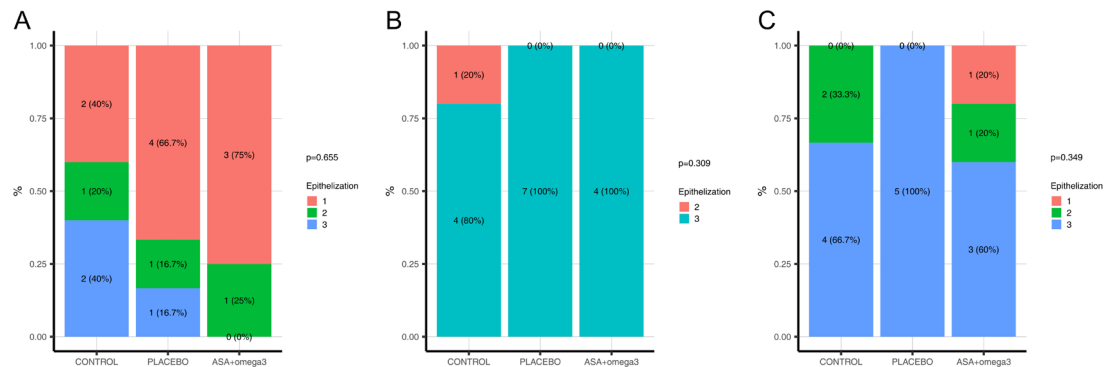


SUPPLEMENTAL MATERIAL

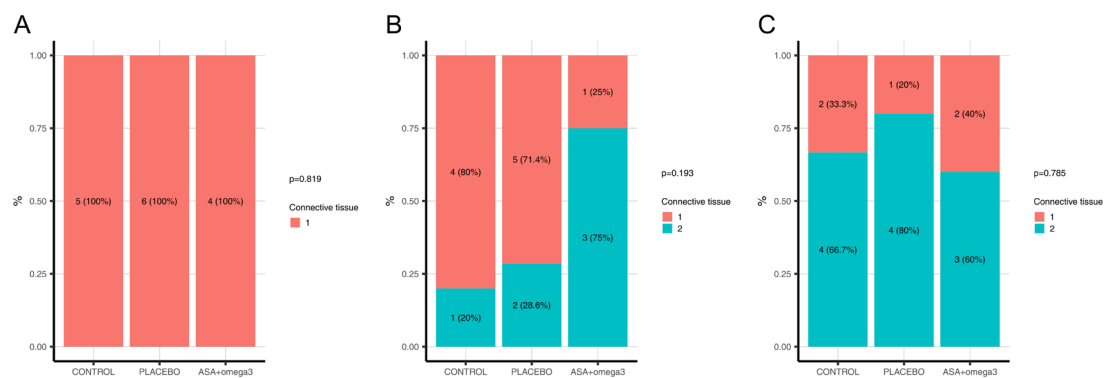
Filip Hromcik, Jan Vokurka, Eduard Gopfert, Martin Faldyna, Marketa Hermanova, Michal Kyr, Monika Vicenova, Lydie Izakovicova Holla

Granulation tissue enriched by aspirin and omega-3 fatty acids in healing experimental periodontal lesion
(doi: 10.5507/bp.2020.003)

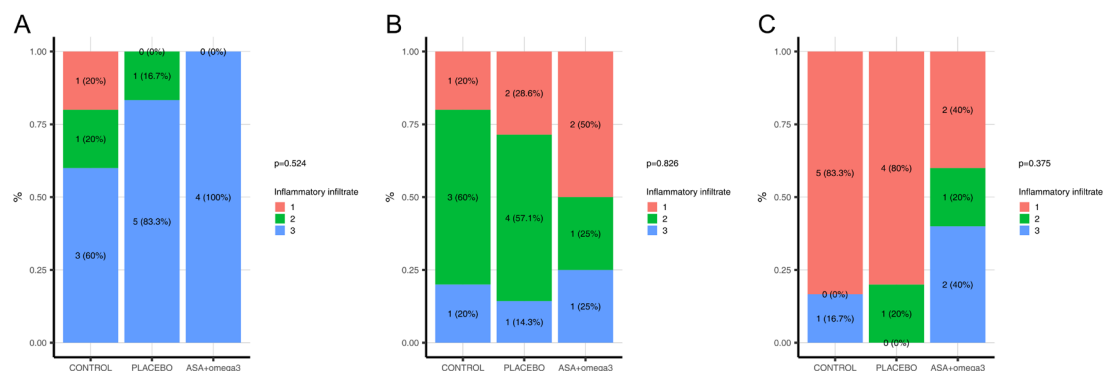
S1. Epithelialization. Level of epithelialization of the defects at 2 weeks, 6 weeks and 12 weeks for each treatment group (semiquantitative rating according to Table 1).



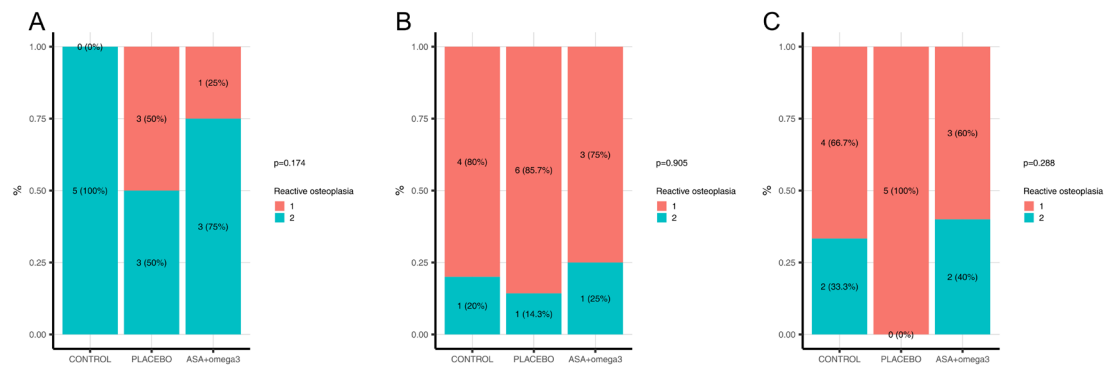
S2. Connective tissue. Amount of connective tissue present in the defects at 2 weeks, 6 weeks and 12 weeks for each treatment group (semiquantitative rating according to Table 1).



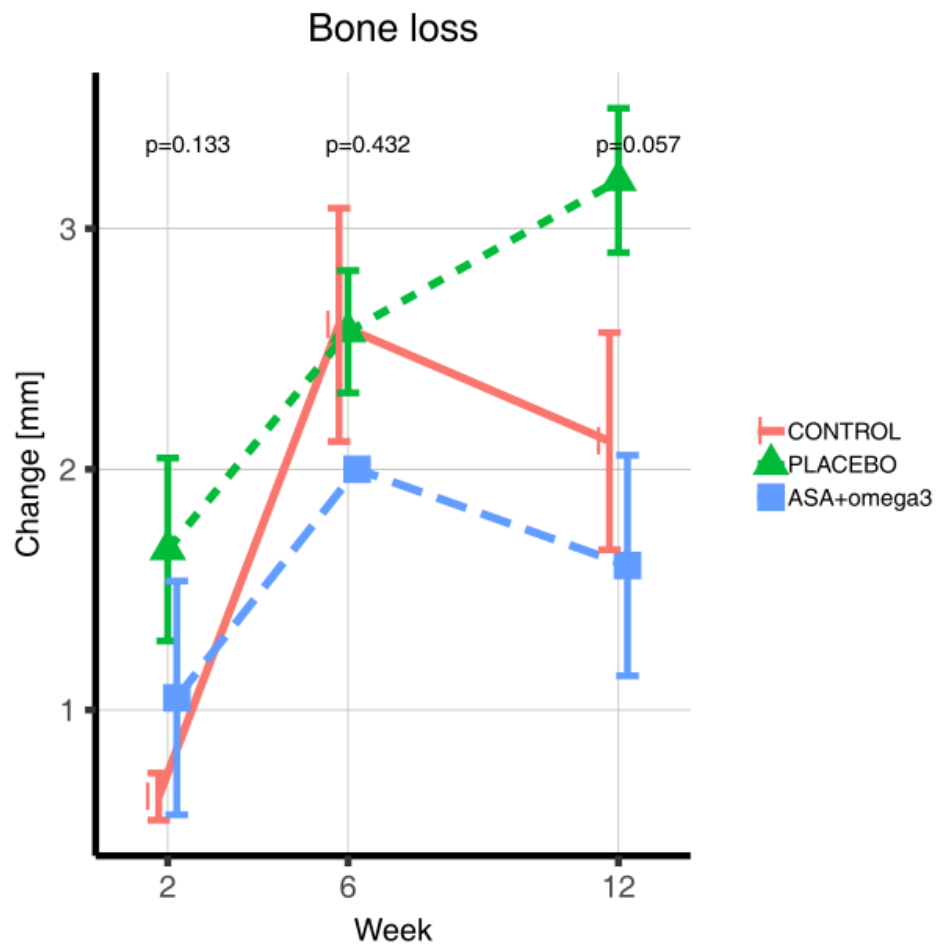
S3. Inflammatory infiltrate. Quality of the inflammatory infiltrate in the defects at 2 weeks, 6 weeks and 12 weeks for each treatment group (semiquantitative rating according to Table 1).



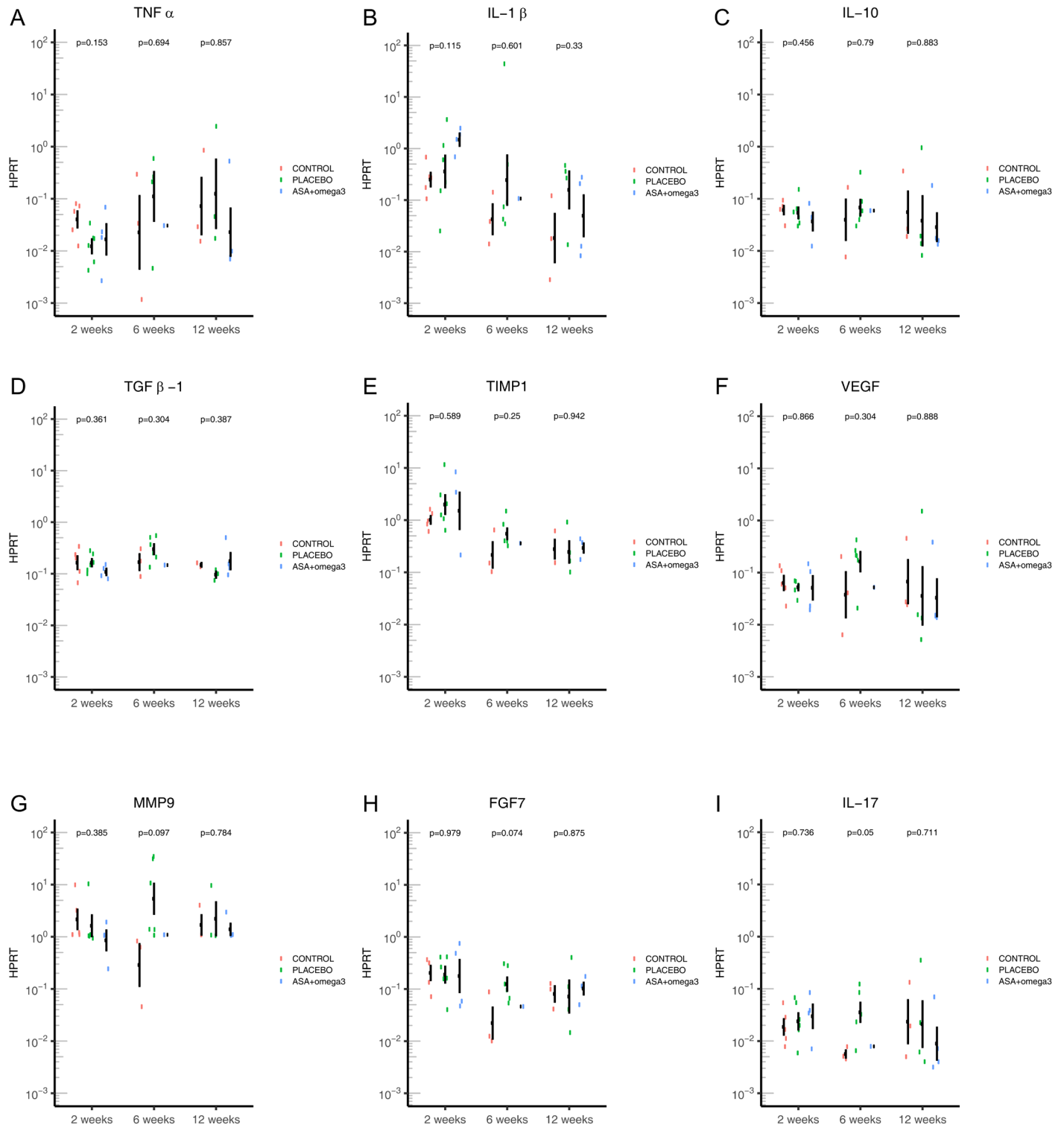
S4. Reactive osteoplasia. Presence of reactive osteoplasia in the defects at 2 weeks, 6 weeks and 12 weeks for each treatment group (semiquantitative rating according to Table 1).



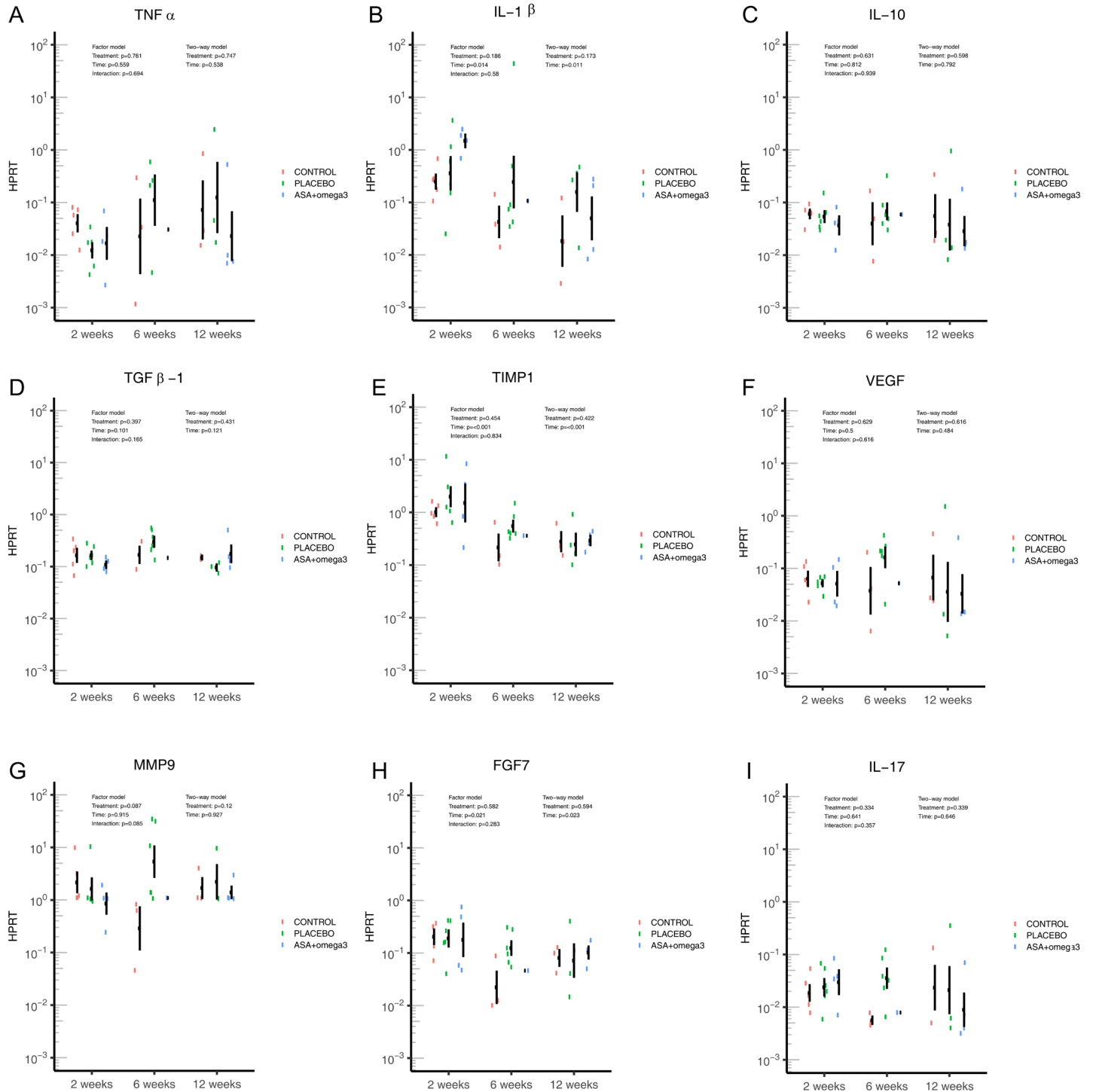
S5. Bone loss. Bone loss at the defect site at 2 weeks, 6 weeks and 12 weeks for each treatment group.



S6 (a-i). Molecular biological parameters. Relative gene expression of TNF- α (a), IL-1 β (b), IL-10 (c), TGF- β (d), TIMP-1 (e), VEGF-C (f), MMP-9 (g), FGF-7 (h), and IL-17 (i) at 2 weeks, 6 weeks and 12 weeks for each treatment group.



S7 (a-i). Molecular biological parameters. Changes in the relative gene expression of TNF- α (a), IL-1 β (b), IL-10 (c), TGF- β (d), TIMP-1 (e), VEGF-C (f), MMP-9 (g), FGF-7 (h), and IL-17 (i) at the given time points for each treatment group.



S8. Table of primers: Gene specific primer pairs used in qPCR.

Gene NCBI Acc. No.	Forward primer (5' - 3') Reverse primer (5' - 3')	Product length (bp)	Primer efficiency
TNF- α XM_008262537.1	CTCTGCCTCAGCCTCTTCTCTT AGGTTGTTTGGGGACTGCTCT	113	1.922
IL-1 β NM_001082201.1	ACCAACAAGTGGTGTCTCCATGA TTCATCACGCAGGACAGGTACA	113	1.915
IL-10 NM_001082045.1	TTCTGTGCCTGACCACACTTTC CTAGGAGTCTCTGGAACACTCGG	97	1.972
TGF- β 2 XM_008268050.1	TCCCCCTCCGAAAATGCCATCC CACTCTGGCTTTTGGGTTCTGC	150	2.058
TIMP-1 NM_001082232.2	GTTTCTCATCGCTGGACAACTGC ACGAAACTGCAAGTCGTGATGTG	60	1.990
VEGF-C XM_002709481.3	GCTTCTTGTCTCTGGCGTGTTT CCTACATAAGCCTTGGCCTCCTC	142	1.933
MMP-9 XM_008274751.1	CACTGGGCTTGGATCACTCCTC GGGTTAGGACCATATAGATGCTGGA	124	1.938
FGF-7 XM_008268784.2	ATCCTGCCAACTTTGCTCTACAGA CTGGAGTCATGTCATTGCAAGCT	88	2.056
IL-17 XM_002714498.3	ACCACATGAACTCTGTCCCAATC CCTACAGCCACCAGCATCTTC	106	2.053
HPRT-1 NM_001105671.1	TGAAACTGGAAAAGCAAAATACAAAG CGATGTCAATGAGACTCCTGATG	82	1.916
GAPDH NM_001082253.1	GAATCCACTGGCGTCTTCAC CGTTGCTGACAATCTTGAGAGA	160	1.975
HMBS XM_002722723.3	CAGCCATGAAGGATGGGCAGCTGTAC TGCTGGCCTGCATGGTCTCTTGC	90	2.091

S9. A UNC periodontal probe was used to evaluate PPD and CAL at the arteficial ligature-induced periodontal defect.

