

Infection of *Porphyromonas gingivalis* increases phosphate-induced calcification of vascular smooth muscle cells

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Supplementary Information

The following file contains supplementary material for the paper “Infection of *Porphyromonas gingivalis* increases phosphate-induced calcification of vascular smooth muscle cells”.

This file is composed of:

- Supplementary figures and relative supplementary figure legends
- Supplementary tables

Supplementary Figures

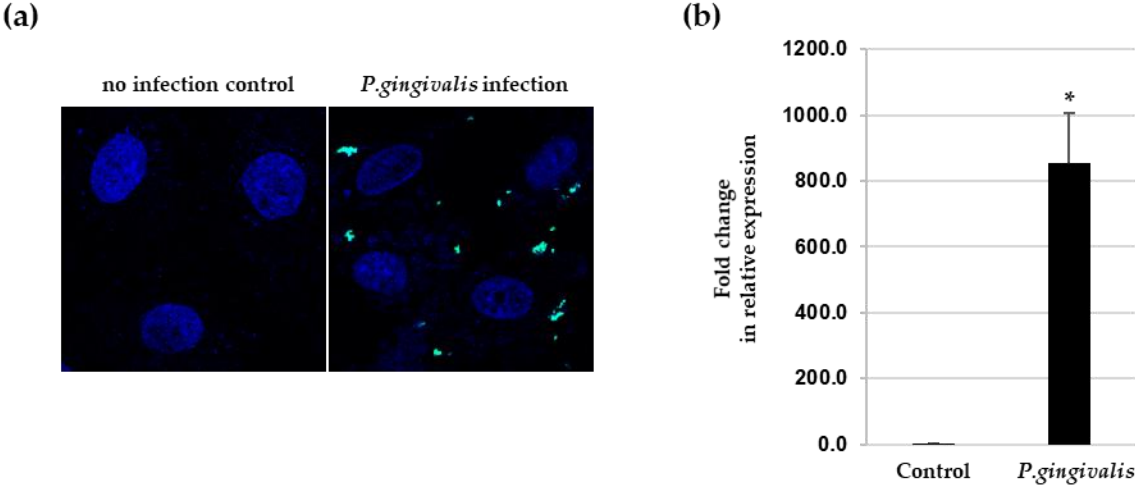


Figure S1. Effect of *P.gingivalis* infection in A7r5 cells. (A) A7r5 cells were infected with carboxyfluorescein succinimidyl ester (CFSE)-stained *P. gingivalis* for 3 h and then observed under a fluorescent microscope. (B) Using real-time RT-PCR, the presence of *P.gingivalis* was also confirmed. * $P < 0.001$ vs. control. Data shown are the mean \pm SD, obtained for at least three independent experiments.

Supplementary Tables

Table S1. Primer sequences for real-time RT-PCR

Genes	Sequences (5' → 3')	Length(bp)
<i>P.gingivalis</i>	Forward: TCGGTAAGTCAGCGGTGAAAC Reverse: GCAAGCTGCCTTCGCAAT	150bp
β -actin	Forward: AGGGAAATCGTGCGTGAC Reverse: CGCTCATTGCCGATAGTG	146bp
Runtx2	Forward: GCCGGGAATGATGAGAACTA Reverse: TGGGGAGGATTTGTGAAGAC	155bp
ALP	Forward: TGCTTTGTGTGTGCTGACTGTA Reverse: AGTGACGGTGTCTAGCCTTC T	129bp
calponin	Forward: GAACAAGCTGGCCCAGAAAT Reverse: GGCCATCCATGAAGTTGCTC	104bp
α -SMA	Forward: AAGAGTTACGAGTTGCCTGATG Reverse: TGATGCTGTGTAGGTGGTTT	136bp
Bcl2	Forward: GCCCTGTGGATGACTGAGTA Reverse: CAGGTATGCACCCAGAGTGA	189bp
Bad	Forward: AGGGATGGAGGAGGAGCTTA Reverse: GGAACCCTCAAACCTCATCGC	121bp