

**CXXC5 Mediates *P. gingivalis*-suppressed Cementoblast Functions
Partially via MAPK Signaling Network**

Table S1. Primer sequence used for qPCR

gene	Primer sequences forward/reverse
<i>Il-6</i>	CCACTTCACAAGTCGGAGGCTTA/ CCAGTTTGGTAGCATCCATCATTTC
<i>MCP-1</i>	TTAAAAACCTGGATCGGAACCAA / GCATTAGCTTCAGATTTACGGGT
<i>RANTES</i>	GCTGCTTTGCCTACCTCTCC/ TCGAGTGACAAACACGACTGC
<i>Osx</i>	CCTCTCGACCCGACTGCAGATC/ AGCTGCAAGCTCTCTGTAACCATGAC
<i>Bglap</i>	GAGGACCATCTTTCTGCTCACT/ CGGAGTCTGTTCACTACCTTATTG
<i>Bsp</i>	GAGCCTCGTGCGGACACTTA/ AATTCTGACCCTCGTAGCCTTCATA
<i>Cxxc5</i>	AGGCAGGAGGAACAGACA/ GTGCTTTGAGGTAGGGTTG
<i>Gapdh</i>	GGAGATTGTTGCCATCAACGA/ GAAGACACCAGTAGACTCCACGACA

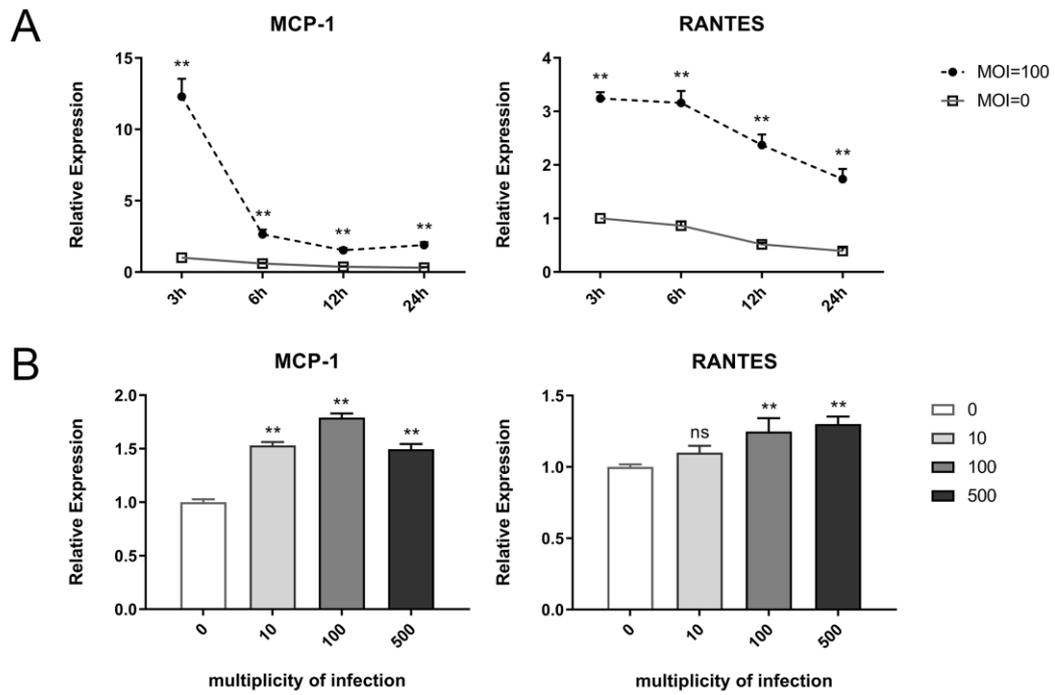


Figure S1. Effect of *P. gingivalis* on the expression levels of proinflammatory markers.

(A) OCCM-30 cells were treated with *P. gingivalis* or with the control for 3, 6, 12 and 24 hours. *MCP-1* and *RANTES* levels were determined by qPCR. ** for intergroup difference between control and *P. gingivalis* treatment at the observing time-points. (B) *MCP-1* and *RANTES* expression were elevated with different *P. gingivalis* concentrations after a 48-hour osteogenic induction. The MOI 0 group was set as the control. *Gapdh* was adopted as an internal reference. The values are presented as mean \pm SD, * $P < 0.05$, and ** $P < 0.01$.