

# NLRP6 Induces Pyroptosis by Activation of Caspase-1 in Gingival Fibroblasts

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## Appendix

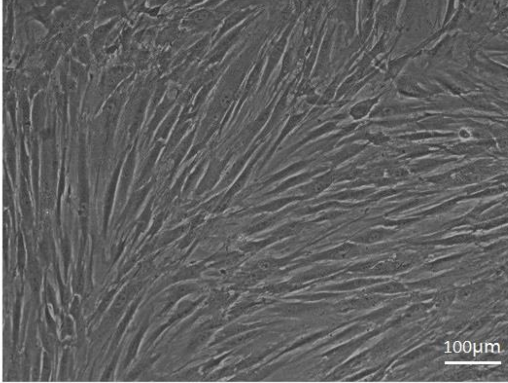
Appendix Table 1. The inclusion and exclusion criteria for human subjects

Inclusion criteria for healthy specimens	Inclusion criteria for periodontitis specimens	Exclusion criteria
(i) healthy and intact periodontium without clinical attachment loss	(i) chronic periodontitis patients with clinical attachment loss	(i) systemic diseases such as diabetes mellitus or any metabolic syndrome affect periodontal tissue
(ii) Probing depth $\leq 3$ mm and BOP(bleeding on probing) (-) at surgical site	(ii) probing depth $\geq 5$ mm after initial therapy	(ii) antimicrobial or medicinal treatments in the last 6 months
(iii) crown lengthening surgery for aesthetic needs	(iii) periodontal flap surgery treatment accepted	(iii) history of smoking

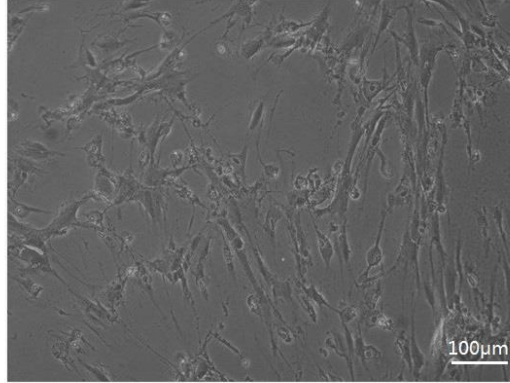
Appendix Table 2 qPCR primers used in this study.

Gene	Forward primer	Reverse primer
NLRP6	ATGGACGTGGCTGTTCT GAG	GGAGGCTGGCAGTTGT TTTG
caspase-1	CGTTCCATGGGTGAAG GTACA	TGCCCCTTTCGGAATAA CGG
IL-1 $\beta$	ACCTTCCAGGATGAGG ACATGA	CTAATGGGAACGTCAC ACACCA
IL-18	TGTCGCAGGAATAAAG ATGGCT	AGAGGCCGATTCCTTG GTC
GAPDH	GAAGGTGAAGGTCGGA GT	GAAGATGGTGATGGGA TTTC

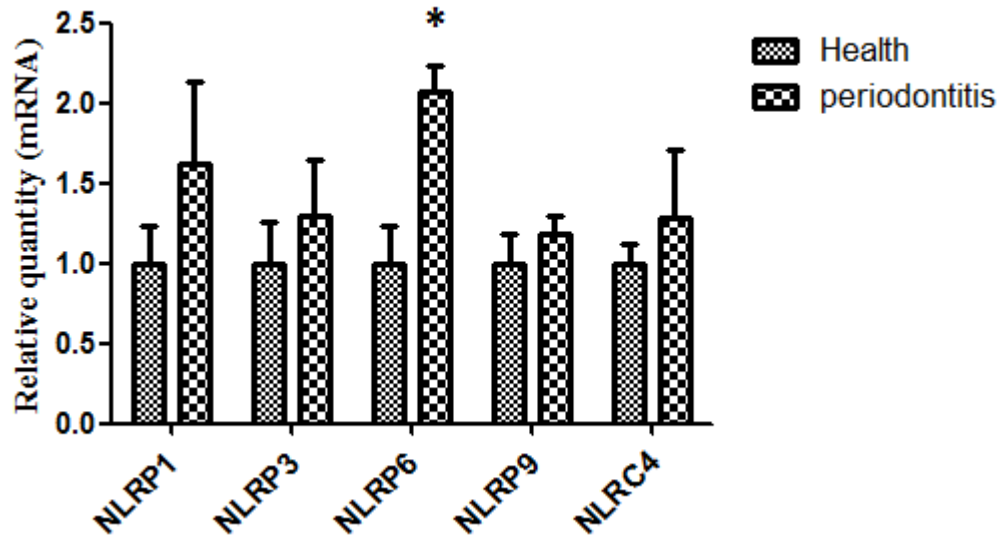
adv4



adv4-NLRP6



Appendix Figure 1. Observation of GFs infected with adv4 or adv4-NLRP6 by optical microscopy.



Appendix Figure 2. The NLRP1, NLRP3, NLRP6, NLRP9 and NLRC4 expression in gingival tissue from healthy or periodontitis group has been detected by microarray assay and validated by qPCR.  $*p < 0.05$