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| Title        | Lipase-a single-nucleotide polymorphism rs143793106 is associated with increased risk of aggressive periodontitis by negative influence on the cytodifferentiation of human periodontal ligament cells |
| Author(s)    | Matsumoto, Masahiro; Fujihara, Chiharu; Nantakeeratipat, Teerachate et al.                                                                                                                             |
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| Note         |                                                                                                                                                                                                        |

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**Supporting material Table 1. Gene-specific primers for conventional PCR and real-time PCR**

| <b>Gene name (<i>symbol</i>)</b>                                 | <b>Primer sequence</b>                                                 | <b>NCBI No.</b> | <b>Tm</b> | <b>Base pairs (bp)</b> |
|------------------------------------------------------------------|------------------------------------------------------------------------|-----------------|-----------|------------------------|
| <b>lipase-a (<i>LIPA</i>)</b>                                    | F 5'-ACCTGGTCTGGAAACATAAGACAC-3'<br>R 5'-TGCCTTGAGAATGACCCACATAA-3'    | NM_000235.4     | 60        | 160                    |
| <b>alkaline phosphatase (<i>ALPL</i>)</b>                        | F 5'-GGACCATTCACGTCCTTCAC-3'<br>R 5'-CCTTGTAGCCAGGCCCATG-3'            | NM_000473.8     | 60        | 137                    |
| <b>collagen type 1 alpha 1 chain (<i>COL1A1</i>)</b>             | F 5'-CCCGGGTTTCAGAGACAACCTTC-3'<br>R 5'-TCCACATGCTTTATTCCAGCAATC-3'    | NM_000088.4     | 60        | 148                    |
| <b>hypoxanthine phosphoribosyltransferase 1 (<i>HPRT</i>)</b>    | F 5'-GGCAGTATAATCCAAAGATGGTCAA-3'<br>R 5'-GTCAAGGGCATATCCTACAACAAAC-3' | NM_000194.3     | 60        | 131                    |
| <b>osteocalcin (<i>BGLAP</i>)</b>                                | F 5'-CCCAGGCGCTACCTGTATCAA-3'<br>R 5'-GGTCAGCCAACTCGTCACAGTC-3'        | NM_199173.6     | 60        | 112                    |
| <b><i>runx</i>-related transcription factor 2 (<i>RUNX2</i>)</b> | F 5'-CACTGGCGTGCAACAAGA- 3'<br>R 5'-CATTCGGGAGCTCAGCAGAATAA-3'         | NM_004348.3     | 60        | 127                    |

F: Forward、 R: Reverse