表 1. 臨床検査データ

	H （*n* = 7）	AgP-Ⅲ （*n* = 13）	AgP-Ⅳ （*n* = 12）	*p* 値*
Age（歳）	28.1 ± 1.6	29.3 ± 5.1	33.0 ± 4.6	有意差なし
PD（mm）	2.3 ± 0.3	3.4 ± 0.8	4.4 ± 0.6	<0.001
BOP（%）	4.1 ± 3.6	26.2 ± 13.2	37.9 ± 12.8	<0.001
PISA（mm^2）	117.4 ± 90.2	1,149.7 ± 78.4	2,042.7 ± 786.6	<0.001
BL（%）	1.9 ± 1.8	15.7 ± 5.2	31.0 ± 6.5	<0.001

Age，初診時年齢；PD，歯周ポケット深さ；BOP，プロービング時の出血；PISA，歯周炎症表面積；BL，歯槽骨吸収レベル　データは全て各群の平均値 ± 標準偏差　* one-way ANOVA / Tukey-Kramer test（$p < 0.05$ で有意差あり）

表 2. miR-181b-5p の標的シグナル

標的シグナル	主な標的遺伝子
Dorso-ventral axis formation	SOS1 (son of sevenless homolog 1)
	Notch 2 (notch receptor 2)
MicroRNAs in cancer	KRAS (GTPase KRas)
	CCNG1 (cyclin G1)
ATF6-alpha activates chaperones	HSP90B1 (heat shock protein 90kDa beta)
Interactome of polycomb repressive complex 2	EED (embryonic ectoderm development)
Serotonin Receptor 4-6-7 and NR3C Signaling	EGR1 (early growth response protein 1)
IL-6 signaling pathway	IL6ST (IL-6 signal transducer)

表 3. miR-181b-5p の IL-6 シグナル標的遺伝子

標的遺伝子	
RPS6KB1	ribosomal protein S6 kinase B1
GSK3B	glycogen synthase kinase 3 beta
MAPK1	mitogen-activated protein kinase 1
NLK	nemo-like kinase
GRB2	growth factor receptor bound protein 2
NCOA1	nuclear receptor coactivator 1
IL6ST	interleukin 6 signal transducer
PTPN11	protein tyrosine phosphatase non-receptor type 11
CREBBP	cAMP response element binding protein
PRDM1	PR domain containing 1
STAT1	signal transducers and activators of transcription 1
MAP2K1	mitogen-activated protein kinase kinase 1
MAP3K7	mitogen-activated protein kinase kinase kinase 7
SOS1	SOS Ras/Rac guanine nucleotide exchange factor 1
PRKCD	protein kinase C delta
SOCS3	suppressor of cytokine signaling 3
STAT3	signal transducer and activator of transcription 3
IRF1	interferon regulatory factor 1
MAP2K4	mitogen-activated protein kinase kinase 4