

## CLINICAL INVESTIGATIONS

# Insulin Response Genes in Different Stages of Periodontal Disease

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Appendix

## Appendix Table.

Complete List of Gene Transcription in Diseased Compared with Healthy Subjects

	Gingivitis		Periodontitis	
	Fold Change	P Value	Fold Change	P Value
G6PD	14.11	0.000088	3.34	0.33
IFNG	13.12	0.0010	1.94	0.22
CEBPA	10.39	0.00006	2.64	0.12
DUSP4	9.90	0.0022	2.04	0.31
PDX1	9.69	0.02	1.42	0.91
SNAP23	8.48	0.01	1.86	0.67
PRKCB	7.82	0.0014	1.09	0.76
PARP1	6.98	0.0019	3.40	0.28
IRS1	6.69	0.0011	2.20	0.25
STXBP2	6.66	0.0029	2.25	0.56
TRIB3	6.39	0.0041	1.51	0.19
IL12B	6.38	0.038	1.20	0.66
STX4	6.01	0.012	2.01	0.95
CCL5	5.06	0.93	2.67	0.51
PIK3CD	5.06	0.00088	1.60	0.37
IL6	5.02	0.14	1.98	0.65
SREBF1	4.95	0.0029	1.49	0.95
PRKAG2	4.84	0.00038	2.09	0.12
HNF4A	4.66	0.74	1.72	0.90
NSF	4.56	0.00015	1.96	0.40
SNAP25	4.43	0.0017	1.76	0.18
PIK3C2B	4.37	0.0010	1.08	0.71
MAPK14	3.94	0.0019	2.05	0.33

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**Appendix Table.**

(continued)

	Gingivitis		Periodontitis	
	Fold Change	P Value	Fold Change	P Value
CCR2	3.83	0.10	1.18	0.92
PPARGC1A	3.80	0.00022	1.16	0.31
HNF1B	3.76	0.0015	1.24	0.41
IRS2	3.71	0.0074	1.37	0.89
ACE	3.67	0.15	1.91	0.67
RPLP0	3.56	0.00017	1.53	0.56
PPARG	3.55	0.024	1.56	0.95
SELL	3.55	0.0031	1.43	0.31
HMOX1	3.46	0.00045	1.46	0.32
ACLY	3.32	0.011	1.76	0.52
HPRT1	2.99	0.06	1.58	0.23
NOS3	2.94	0.19	2.01	0.42
NRF1	2.87	0.01	1.28	0.46
PTPN1	2.72	0.0020	1.23	0.40
VEGFA	2.70	0.17	2.02	0.51
IL4R	2.69	0.99	5.68	0.90
FOXC2	2.67	0.12	1.43	0.67
VAMP3	2.62	0.0000050	1.27	0.26
NKX2-1	2.34	0.88	1.05	0.99
ME1	2.33	0.01	0.96	0.71
ICAM1	2.15	0.32	0.90	0.47
FOXP3	2.10	0.83	1.40	0.91
CEACAM1	1.85	0.21	0.91	0.48
INS	1.65	0.91	0.91	0.70
GSK3B	1.65	0.0019	0.89	0.47
PPARGC1B	1.61	0.59	1.00	0.61
SLC2A4	1.54	0.48	0.73	0.71
ACTB	1.43	0.43	1.64	0.24
FBP1	1.41	0.90	2.02	0.36
IGFBP5	1.38	0.66	1.73	0.54
MAPK8	1.31	0.18	0.97	0.86
CTLA4	1.31	0.57	1.26	0.82
TNFRSF1A	1.29	0.99	0.88	0.57
PRKAA1	1.27	0.66	2.27	0.69
VAPA	1.26	0.08	0.93	0.40
PPARA	1.25	0.61	1.04	0.91
RAB4A	1.21	0.65	1.81	0.80
AGT	1.05	0.16	0.65	0.21
INPPL1	0.96	0.85	0.85	0.59
INSR	0.87	0.85	1.08	0.64
IKKB	0.87	0.42	1.28	0.52
FOXG1	0.87	0.29	0.47	0.16

(continued)

**Appendix Table.**

(continued)

	Gingivitis		Periodontitis	
	Fold Change	P Value	Fold Change	P Value
ENPP1	0.78	0.91	1.05	0.87
NFKB1	0.68	0.09	0.81	0.34
TNF	0.65	0.16	0.87	0.83
IL10	0.62	0.75	1.17	0.90
PIK3R1	0.60	0.47	0.59	0.35
B2M	0.59	0.29	0.73	0.58
IDE	0.50	0.39	1.75	0.73
AKT2	0.45	0.50	0.97	0.89
CD28	0.42	0.20	0.54	0.22
STXBP1	0.28	0.77	0.77	0.98
TGFB1	0.23	0.68	0.66	0.99

P values are raw values computed by Student's *t* test.