

Additional File 3. Multinomial logistic regression results for the diseased groups of the discovery samples (reference = healthy individuals).

Groups	<i>BRINP3</i> rs1342913				<i>BRINP3</i> rs1935881		Age	Sex	Ethnic Group	Smoking	Alcohol
	AA	AG	GG	CC	CT	TT					
Diseased											
p-value	1.0	0.19	0.84	1.0	0.61	0.32	0.00001	0.14	0.85	0.14	0.92
Odds	1.0	1.86	1.09	1.0	1.01	1.81	3.6	0.53	0.88	2.63	1.04
Ratio (95% Confidence Interval)		(0.75-4.58)	(0.37-3.25)		(0.44-2.3)	(0.46-7.12)	(0.90-10.7)	(0.23-1.23)	(0.24-3.18)	(0.71-9.64)	(0.47-2.30)
Chronic Periodontitis Only											
p-value	1.0	0.45	0.16	1.0	0.39	0.11	0.002	0.39	0.11	0.03	0.33
Odds	1.0	1.7	0.39	1.0	0.88	3.0	3.0	0.66	1.2	4.45	0.63
Ratio (95% Confidence Interval)		(0.64-4.48)	(0.09-1.57)		(0.26-1.82)	(0.74-12.11)	(0.80-10.52)	(0.26-1.69)	(0.67-2.19)	(1.12-17.61)	(0.25-1.59)
Peri- Implantitis Only											
p-value	1.0	0.5	0.49	1.0	0.41	0.98	0.14	0.76	0.7	0.57	0.29
Odds	1.0	1.34	1.38	1.0	0.7	8.24	1.03	0.87	1.26	0.52	0.61
Ratio (95% Confidence Interval)		(0.47-3.76)	(0.43-4.4)		(0.26-1.59)	(0-22.3)	(0.99-1.07)	(0.34-2.17)	(0.37-4.25)	(0.05-4.89)	(0.24-1.52)
Diseased= chronic periodontitis + peri-implant disease.											