

Table SI. Univariate analysis of positivity versus negativity of *EBNA-1*, *LMP-1* and both genes.

A, <i>EBNA-1</i> status				
Risk factors	P-value	Odds ratio	95% CI lower ADR	95% CI higher ADR
Mouth ulcer	0.014	0.952	0.916	0.990
Alcohol consumption	0.192	0.975	0.939	1.031
Sexual intercourse	0.055	0.964	0.928	1.001
Soft drink consumption	<0.001	1.094	1.052	1.139
Age group 3-10 years	0.001	2.401	1.402	4.112
Age group 11-20 years	<0.001	5.273	2.606	10.667
Age group 21-30 years	<0.001	5.426	2.870	10.257
Age group 31-40 years	0.077	1.658	0.947	2.902
Age group 41-50 years	<0.001	2.833	1.583	5.056
B, <i>LMP-1</i> status				
Risk factors	P-value	Odds ratio	95% CI lower ADR	95% CI higher ADR
Sex	<0.001	1.860	1.300	2.661
Betel nut chewing	0.008	0.441	0.241	0.808
Alcohol consumption	<0.001	2.748	1.908	3.958
Smoking status	0.048	1.669	1.006	2.769
Sexual intercourse	0.002	1.758	1.226	2.520
Hot tea consumption	0.006	1.762	1.177	2.637
Soft drink consumption	0.058	0.696	0.478	1.013
Age group 11-20 years	<0.001	0.174	0.075	0.403
Age group 41-50 years	0.138	0.636	0.350	1.156
C, Both genes				
Risk factors	P-value	Odds ratio	95% CI lower ADR	95% CI higher ADR
2 sexual partners	0.245	1.386	0.799	2.403
4 children	0.169	1.708	0.796	3.664
Betel nut chewing	0.155	0.504	0.196	1.295
Alcohol consumption	0.020	1.787	1.096	2.913
Smoking status	0.002	2.519	1.405	4.517
Sexual intercourse	0.153	1.433	0.875	2.349
Hot tea consumption	0.079	1.583	0.948	2.549
Coffee consumption	0.369	1.315	0.724	2.390
Age group 31-40 years	0.674	0.838	0.367	1.914

EBNA-1, Epstein-Barr nuclear antigen-1; *LMP-1*, latent membrane protein-1; ADR, average daily rate.

Table SII. Percentage of exposure to risk factors of oral cancer across age groups.

Risk factor	3-10 years	11-20 years	21-30 years	31-40 years	41-50 years	51-90 years
Sex (male)	59	57	100	59	27	36
<i>EBNA-1</i> positive	56	34	19	19	43	31
<i>LMP-1</i> positive	32	33	73	35	38	43
Both <i>EBNA-1</i> and <i>LMP-1</i> positive	12	10	13	8	20	14
>1 children	0	0	0	83	53	0
>1 sexual partner	0	0	0	0	1	0
Sexual activity	0	11	54	90	87	95
Congenital disease	2	4	0	6	5	38
Family history of cancer	3	0	0	9	7	12
Betel nut chewing	1	39	0	3	15	0
Mouth ulcers	22	55	68	48	13	38
Alcohol consumption	0	2	69	79	59	61
Smoking	0	2	18	16	21	28
Tea consumption	17	11	47	14	24	62
Coffee consumption	0	0	0	44	61	0
Soft drink consumption	99	50	0	43	0	0
Herbal tea consumption	0	0	0	19	0	0

EBNA-1, Epstein-Barr nuclear antigen-1; *LMP-1*, latent membrane protein-1.