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Supplemental Table S1. Demographics and clinical characteristics of human papillomavirus negative head and neck squamous cell carcinoma clinical samples

Sample	Age (years)	Sex	Tobacco abuse	Site of primary tumor	Stage	Histology	PNI	LVI
1	27	Male	Former	Oral Cavity	II	Moderately diff	Negative	Negative
2	56	Female	Former	Larynx	I	Poorly diff	Negative	Negative
3	67	Male	Former	Larynx	III	Well diff	Negative	Negative
4	62	Male	Former	Larynx	III	Poorly diff	Negative	Negative
5	81	Female	Former	Oral Cavity	I	Moderately diff	Positive	Positive
6	70	Male	Never	Oral Cavity	II	Well diff	Positive	Negative
7	57	Female	Current	Larynx	IVA	Moderately diff	Negative	Negative
8	79	Male	Former	Oral Cavity	III	Moderately diff	Negative	Negative
9	35	Male	Former	Oral Cavity	IVA	Well diff	Negative	Negative
10	51	Male	Never	Larynx	IVA	Moderately diff	Negative	Negative
11	73	Male	Never	Larynx	IVA	Poorly diff	Negative	Negative
12	63	Male	Former	Oral Cavity	II	Moderately diff	Negative	Positive
13	78	Female	Former	Oral Cavity	II	Moderately diff	Negative	Negative
14	74	Male	Current	Oral Cavity	IVA	Moderately diff	Negative	Negative
15	66	Male	Former	Oral Cavity	IVB	Moderately diff	Negative	Negative
16	67	Female	Current	Larynx	IVB	Moderately diff	Negative	Positive
17	53	Female	Former	Larynx	II	Moderately diff	Negative	Negative
18	71	Male	Former	Oral Cavity	III	Moderately diff	Negative	Negative
19	76	Female	Former	Oral Cavity	III	Well diff	Negative	Negative
20	71	Female	Never	Oral Cavity	III	Moderately diff	Negative	Negative

Diff, differentiated; PNI, perineural invasion; LVI, lymphovascular invasion