

Table S5. Head and Neck Tumor Samples. Shown below are the details on the total number of tumors, tumor location, tumor cell composition, and method of extraction for each dataset in our study as reported in the original publications cited in the Reference column.

ID in the manuscript	Reference	Total # of Tumors	Tumor location: OC=oral cavity, OP=oropharynx, HP=Hypopharynx, L=larynx, SNC=sinonasal cavity, T=tongue, tongue base & lip	% Patient samples >70% tumor cells	Method of Extraction
Original data ID	GSE6631	GSE2379	E-MEXP-44	E-MEXP-44_hu6800	JCO2010
# of total samples	44	38	33	35	91
A	GSE6631 [61]	22	OC (12) OP (3) OC/OP(1) HP (1) L (4) SNC (1)	100%	Histological
B	GSE2379 [62]	31	HP (31)	100%	Histological
C	E-MEXP-44 [63]	15	OC (3) OP (5) HP (2) L (5)	100%	Macrodissected
D	E-MEXP-44 [63]	12	OC (2) OP (4) HP (2) L (3) Pharynx (1)	100%	Macrodissected
E	JCO2010 [47]	63	OC (23) OP (23) HP (12) L (9) T (22)	37%	Haematoxylin and eosin (H&E) stained frozen sections
F	GSE686 [48]	60	OC (15) OP (14) HP (7) L (24)	NA	NA
GSE2837	GSE2837 [65]	37	OC (18) OP (11) L (8)	100%	H&E stained frozen sections macrodissected
GSE9844	GSE9844 [64]	38	T (38)	100%	Laser microdissected