

Table SI. Clinicopathological characteristics of tumor cases from Beijing Xuanwu Hospital.

Patient number	Patient ID	Sex	Age, years	Pathological types	TNM staging	Differentiation	Distant metastasis
1	595607	Female	77	Adenocarcinoma	T2N2M0	Moderately differentiated	No
2	608478	Male	61	Adenocarcinoma	T2aN1M0	Moderately differentiated	No
3	589960	Male	72	Squamous cell carcinoma	T2NxM0	Moderately differentiated	No
4	563122	Female	97	Adenocarcinoma	T2N2M0	Moderately differentiated	Bone
5	610216	Male	78	Adenocarcinoma	T2N0M0	Moderately differentiated	No
6	592411	Male	59	Squamous cell carcinoma	T2N0M0	Poorly differentiated	No
7	613700	Male	66	Adenocarcinoma	T2bN0M0	Moderately differentiated	No
8	592079	Male	50	Adenocarcinoma	T2aN0M0	Moderately differentiated	No
9	588936	Male	56	Adenocarcinoma	T2N0M0	Moderately differentiated	No
10	616425	Female	78	Adenocarcinoma	T2N0M0	Poorly differentiated	No
11	530464	Male	52	Squamous cell carcinoma	T3N0M0	Poorly differentiated	No
12	572643	Male	60	Squamous cell carcinoma	T4N1M0	Poorly differentiated	No
13	572274	Male	67	Adenocarcinoma	T1bN0M0	Poorly differentiated	No

14	571244	Female	53	Adenocarcinoma	T4N2M0	Poorly differentiated	No
15	625561	Female	62	Adenocarcinoma	T2N1M0	Moderately differentiated	No