

Supplementary

Table S1 Efficacy in different second-line treatment mode

Category	Sensitive	Resistant	Total
ICIs + Chemotherapy	46 (55.4%)	37 (44.6%)	83
ICIs + Radiotherapy	14 (50.0%)	14 (50.0%)	28
ICIs + others	22 (59.5%)	15 (40.5%)	37
Total	82	66	148

ICI, immune checkpoint inhibitor.

Table S2 Relationship between smoking status and sex

Category	Smoker	Ex-smoker	Non-smoker	Total
Female	4 (6.8%)	0 (0%)	55 (93.2%)	59
Male	79 (88.8%)	4 (4.5%)	6 (6.7%)	89
Total	83	4	61	148