

Supplementary Table 6. Clinical and molecular features of tumor samples used in the single-cell RNA analysis.

Sample ID	Gender	Age	FH mutation type	Initial TNM	Metastatic type	Treatment	Best tumor response	Sampling time	Sample
FHRCC38	Female	47	Germline	T1N0M0	Metachronous	ICI+TKI	SD	Prior Tx	Local relapse tissue
FHRCC44	Male	23	Germline	T2N0M0	Metachronous	ICI+TKI	SD	Prior Tx	Retroperitoneal mass
FHRCC45	Male	34	Germline	T1N1M0	Metachronous	ICI+TKI	PR	Prior Tx	Retroperitoneal mass
FHRCC48	Male	53	Somatic	T3N1M1	Synchronous	ICI+TKI	PR	Prior Tx	Primary kidney tumor, Retroperitoneal lymph node