

Supplementary Table 1: Characteristics of 15 uterine carcinosarcomas obtained from CHTN

Tumor	Cohort	Source Institution	Diagnostic pathology report description	Description of tissue histology used for DNA preparation determined by histopathology re-review of slides from frozen specimens banked for research	Tumor Stage
187T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor, with homologous stromal elements.	Not specified	pT1B/pN0/pM0
188T	Discovery cohort	NHGRI (CHTN)	Mixed carcinoma; sarcomatoid carcinoma (malignant mixed Mullerian tumor)	Predominantly sarcoma	pT1c/pN0/pMX
189T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor, predominantly epithelial	60% carcinoma, 40% sarcoma	pT1c/pNX/pMX
190T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor, predominantly sarcomatoid with adenocarcinoma component (predominantly in tumor metastatic to lymph node)	Predominantly carcinoma	pT1b/pN1/pMX
191T	Discovery cohort	NHGRI (CHTN)	Sarcomatoid carcinoma	Predominantly sarcoma	pT1b/pN0/pMX
192T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor	Predominantly sarcoma	pT1a/pNX/pMX
193T	Discovery cohort	NHGRI (CHTN)	Sarcomatoid carcinoma	60% carcinoma, 40% sarcoma	pT3b/pN1/pMX
194T	Discovery cohort	NHGRI (CHTN)	Carcinosarcoma, high grade	90% carcinoma, 10% necrosis	pT1b/pN0/pMX
195T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor	50% carcinoma, 50% sarcoma	pT1c/pN0/pMX
196T	Discovery cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor	90% carcinoma, 10% sarcoma	pT1b/pN0/pMX
198T	Discovery cohort	NHGRI (CHTN)	Carcinosarcoma	80% carcinoma, 20% sarcoma	Not specified
199T	Discovery cohort	NHGRI (CHTN)	High-grade heterologous carcinosarcoma with chondrosarcomatous differentiation	60% carcinoma, 40% sarcoma	Not specified
200T*	Discovery cohort	NHGRI (CHTN)	Carcinosarcoma [malignant mixed mullerian tumor (MMMT)]; Sarcomatous component: homologous; Carcinoma component: mixed pattern of clear cell, serous, and endometrioid types	90% carcinoma, 10% possibly sarcoma	pT3a/pN1/pMX
201T	Discovery cohort	NHGRI (CHTN)	Carcinosarcoma	90% carcinoma, 10% sarcoma	pT1b/N0/Mx
203T	Prevalence cohort	NHGRI (CHTN)	Malignant mixed Mullerian tumor	Predominantly carcinoma	pT1a/pN0

* This case previously received chemotherapy for a tumor at another anatomical site