

Table S1 Clinicopathologic characteristics of metastatic CRPC patients (Cohort 1+2).

Characteristic	CRPC-Adeno (N=42)	CRPC-NE(N=6)
	N (%)	N (%)
Age, Years		
Mean	65	63
Median	65	63
Range	45-80	59-69
Race		
Black	-	-
White	36 (86)	6 (100)
Others (Asian, Hispanic)	6 (14)	-
Gleason Score of Primary Prostate Cancer		
4-6	5 (12)	-
7	2 (4.8)	2 (33)
7 (3+4)	7 (17)	-
7 (4+3)	9 (21.9)	-
8-10	15 (36)	4 (67)
Unknown	4 (9.5)	-
Final serum PSA (ng/mL)		
Median	1452.9 (0.72->15000)	3.33 (0.15-8.85)
M-stage		
M1	42 (100)	6 (100)
Metastatic sites of extracted tissues		
Lung	3 (7.1)	2 (33)
Liver	10 (23.8)	1 (17)

Lymph Node	13 (30.9)	-
Other metastatic sites (Skin, - -dura, retroperitoneal lymph node, retroperitoneal, periaortic lymph node, spleen, omentum, cortical, pelvic lymph node, diaphragm)	16 (38)	3 (50)
Therapies		
Enzalutamide	6 (14.3)	2 (33)
No Enzalutamide	36 (85.7)	4 (67)
Other therapies		
Abiraterone	8	2
Casodex	30	6
Lupron	36	6
Zoladex	3	-
Flutamide	11	1
Provenge	5	1