

Patients characteristics		CRPC		HSPC
	n	35		10
Age, mean (Min, Max)		71 (58, 91)		70 (57, 79)
PS, n (%)	0	14 (40)		8 (80%)
	1	21 (60)		2 (20%)
Metastatic (%)		35 (100)		6 (60%)
	Bone	35 (100)	High risk	1 (16.6%)
	Visceral	0	Low risk	5 (83.4%)
Localized (%)		0		4 (40%)
Number of prior systemic cancer therapy, n (%)	0	19 (54.3)		-
	≥ 1	16 (45.7)		-
Sample collection timing, n (%)			V1	10
			V2	3
			V3-V4	8

HSPC: hormone-sensitive prostate cancer, CRPC: castration-resistant prostate cancer, ADT: androgen deprivation therapy. PS: performance status. V1: Baseline pre ADT, V2: short term post ADT (3 weeks), V3-4: long term post ADT (3-6 months).

Table. S1