

**Table S1** Cox proportional-hazards regression models to predict Biochemical and clinical recurrence

	Biochemical Recurrence			Clinical Recurrence				
	HR	95% CI	P	HR	95% CI	P		
Adjuvant ADT	5.824	1.513	22.425	0.0104	6.436	0.720	57.528	0.0957
Salvage treatment	2.227	0.744	6.668	0.1526	1.815	0.485	6.785	0.3757
Positive node	2.761	0.546	13.965	0.2196	1.951	0.337	11.299	0.4559
Seminal Vesicle Invasion	0.619	0.124	3.087	0.5584	1.826	0.305	10.928	0.5095
PSA	0.994	0.976	1.012	0.5209	1.014	0.997	1.030	0.1065
Positive Surgical Margins	0.888	0.427	1.846	0.7504	0.554	0.221	1.388	0.2074
miR221	0.776	0.503	1.196	0.2504	0.673	0.412	1.099	0.1133

ADT, androgen deprivation therapy; PSA, Prostate Specific Antigen.