

Table S5: Genomic aberrations in known abnormal regions implicated in urothelial cancer.

This table contains a supplementary table of the detailed results of GIANT for some genomic regions implicated in urothelial cancer.

Region	Reported Aberration	UC152_I		UC288_R		UC395_I_M2		UC513_M1		Oncogene or suppressor gene
		Somatic Aberration	Type	Somatic Aberration	Type	Somatic Aberration	Type	Somatic Aberration	Type	
1p36	Amplification	Amplification	Broad	-	-	-	-	Amplification	Focal	TP73
4p16.3	LOH	Amplification, LOH	Broad	LOH	Broad	-	-	Amplification, LOH	Broad	FGFR3
6p22	Amplification	Amplification	Focal	-	-	-	-	Amplification	Broad	E2F3
8p12-22	Amplification	Amplification, LOH	Focal	-	-	-	-	Amplification	Broad	FGFR1, CMYC
9p21	Deletion LOH	LOH	Broad	Deletion	Broad	-	-	LOH	Broad	CDKN2A, CDKN2B
9q32-34	LOH	LOH	Broad	LOH	Broad	-	-	LOH	Broad	TSC1, DBCCR1
10p13	Amplification	Amplification	Broad	-	-	-	-	Amplification	Broad	-
10q23	Deletion	LOH	Broad	-	-	-	-	Amplification	Broad	PTEN
11q13	Amplification	Amplification	Broad	-	-	-	-	Amplification	Focal	CCND1, EMS1, INT2
13q14	Deletion	LOH	Broad	-	-	Deletion	Focal	Amplification	Broad	RB1
17p13	Deletion	LOH	Broad	Deletion	Broad	-	-	Amplification	Broad	TP53
17q21	Amplification	Amplification	Broad	-	-	-	-	Amplification	Broad	ERBB2
19q13.1	Amplification	Amplification	Broad	-	-	-	-	Amplification	Focal	CCNE