

SUPPLEMENTARY TABLE 2

PATIENT SAMPLE	LOCATION	HISTOPATHOLOGY			MUTATIONAL STATUS											MSI	NS					
		TNM	TYPE	GRADE	KRAS	PIK3CA	APC	TP53	BRAF	AKT1	MSH6	EGFR	GNAS	JAK3	FBXW7							
P1	Right Colon	pT4aN0	MUC	G3	A146T		T1556fs3						R201C									
P2	Left Colon	pT4bN1	ADC	G3	G13D																	
P3	Right Colon	pT3N1	MUC (40%)	G3	G12C	E542K																
P4	Right Colon	pT4bN0	MUC	G3	G12D																	
P5	Right Colon	pT4aN0	MUC	G3																		
P6	Right Colon	pT4aN2b	MUC	G3	G12D		R1450*													V722I		
P7	Left Colon	pT4aN1a	ADC	G3	G12D																	
P8	Right Colon	pT3N2a	ADC	G3																		
P9	Right Colon	pT4aN0	MUC	G3					V600E													
P10	Rectum	pT4aN0	MUC	G2	G12C	H1047R																
P11	Right Colon	pT4aN1	ADC	G3	G13D	R88Q	T1556fs*3															S582L
P12	Right Colon	pT3N1b	MUC (40%)	G3	G12D	H1047L/E545K		R248Q														
P13	Right Colon	pT4bN0	ADC	G3	G13D	E545K																
P14	Left Colon	pT3N2a	ADC	G3																		
P15	Left Colon	pT2N0	ADC	G2	G12V		E1397*															
P16	Right Colon	pT2SM3N2a	ADC	G3	G13D		R1450*															
P17	Right Colon	pT3N1b	ADC	G3	G12D	E542K	R1450*															
P18	Left Colon	pT4aN1M1	MUC (10%)	G2	Q61H	E542K														E17K		
P19	Right Colon	pT4aN1bM1	ADC	G2			E1408*													K601E		
P20	Left Colon	pT4aN0	ADC	G2	G12S	E545K																
P21	Right Colon	pT1SM3N1	ADC	G2	G12A																	
P22	Right Colon	pT2N1aM0	ADC	G2																		
P23	Right Colon	pT3N1a	ADC	G2	G12D		R1450*															
P24	Right Colon	pT3N2a	MUC (40%)	G3	G13D																	
P25	Right Colon	pT4aN2a	MUC (30%)	G2																		
P26	Left Colon	pT3N0	ADC	G2	G13D	E545K	R283*															
P27	Right Colon	pt3N1b	ADC	G3	G12C	H1047R																
P28	LIVER	pT4bN1	ADC	G2	G12D		R1114*															
P29	LIVER	pT4aN1bM1	ADC	G1	G12C																	
P30	LIVER	pT3N1bM0	ADC	G2	G13D																	
P31	LIVER	pT3N2bM1	ADC	G3	G12V	E545K																
P32	LIVER	pT4aN2b	ADC	G2																		
P33	LIVER	pT4aN0	MUC	G2	G12D	H1047R																
P34	LIVER	pT3N1b	ADC	G2	G12S																	T790M
P35	LIVER	pT4bN2M1	ADC	G3																		

**MUTATIONAL STATUS**  
■ Mutant  
■ Wild type  
■ Not analyzed

**MICROSATELLITE INSTABILITY (MSI)**  
■ High  
■ Low  
■ Not analyzed

**NANOSTRING (NS)**  
■ Analyzed  
■ Not analyzed

Supplementary table 2. Histopathological and genetic traits of CRC PDX. Genotyping of 35 PDX was performed with the MassARRAY system (Sequenom). Microsatellite instability (MSI) of two samples (P1 and P23) was evaluated. Gene expression profiling was analyzed in 33 out of the 35 established PDX using NanoString technologies.