

Supplementary Table S1. Guardant360™: 70-Gene Panel.

Complete Exon Sequencing

Point Mutations (SNVs) (70 Genes)						Amplifications (CNVs) (18 Genes)		Fusions (6 Genes)	Indels (3 Genes)
AKT1	ALK	APC	AR	ARAF	ARID1A	AR	BRAF	ALK	EGFR*
ATM	BRAF	BRCA1	BRCA2	CCND1	CCND2	CCND1	CCND2	FGFR2	ERBB2*
CCNE1	CDH1	CDK4	CDK6	CDKN2A	CDKN2B	CCNE1	CDK4	FGFR3	MET**
CTNNB1	EGFR	ERBB2	ESR1	EZH2	FBXW7	CDK6	EGFR	NTRK1	
FGFR1	FGFR2	FGFR3	GATA3	GNAI1	GNAQ	ERBB2	FGFR1	RET	
GNAS	HNF1A	HRAS	IDH1	IDH2	JAK2	FGFR2	KIT	ROS1	
JAK3	KIT	KRAS	MAP2K1	MAP2K2	MET	KRAS	MET		
MLH1	MPL	MYC	NF1	NFE2L2	NOTCH1	MYC	PDGFRA		
NPM1	NRAS	NTRK1	PDGFRA	PIK3CA	PTEN	PIK3CA	RAF1		
PTPN11	RAF1	RBI	RET	RHEB	RHOA				
RIT1	ROS1	SMAD4	SMO	SRC	STK11				
TERT	TP53	TSC1	VHL						

* exons 19 & 20
**exon 14 skipping