

**Illumina TruSight Tumor 170**

Amplifications		Fusions		Small Variants				
AKT2	FGFR2	ABL1	MLLT3	AKT1	CTNNB1	FLT3	MYCN	SMAD4
ALK	FGFR3	AKT3	MSH2	AKT2	DDR2	FOXL2	MYD88	SMARCB1
AR	FGFR4	ALK	MYC	AKT3	DNMT3A	GEN1	NBN	SMO
ATM	JAK2	AR	NOTCH1	ALK	EGFR	GNA11	NF1	SRC
BRAF	KIT	AXL	NOTCH2	APC	EP300	GNAQ	NOTCH1	STK11
BRCA1	KRAS	BCL2	NOTCH3	AR	ERBB2	GNAS	NOTCH2	TERT
BRCA2	LAMP1	BRAF	NRG1	ARID1A	ERBB3	HNF1A	NOTCH3	TET2
CCND1	MDM2	BRCA1	NTRK1	ATM	ERBB4	HRAS	NPM1	TP53
CCND3	MDM4	BRCA2	NTRK2	ATR	ERCC1	IDH1	NRAS	TSC1
CCNE1	MET	CDK4	NTRK3	BAP1	ERCC2	IDH2	NRG1	TSC2
CDK4	MYC	CSF1R	PAX3	BARD1	ERG	INPP4B	PALB2	VHL
CDK6	MYCL1	EGFR	PAX7	BCL2	ESR1	JAK2	PDGFRA	XRCC2
CHEK1	MYCN	EML4	PDGFRA	BCL6	EZH2	JAK3	PDGFRB	
CHEK2	NRAS	ERBB2	PDGFRB	BRAF	FAM175A	KDR	PIK3CA	
EGFR	NRG1	ERG	PIK3CA	BRCA1	FANCI	KIT	PIK3CB	
ERBB2	PDGFRA	ESR1	PPARG	BRCA2	FANCL	KMT2A (MLL)	PIK3CD	
ERBB3	PDGFRB	ETS1	RAF1	BRIP1	FBXW7	KRAS	PIK3CG	
ERCC1	PIK3CA	ETV1	RET	BTK	FGF1	MAP2K1	PIK3R1	
ERCC2	PIK3CB	ETV4	ROS1	CARD11	FGF10	MAP2K2	PMS2	
ESR1	PTEN	ETV5	RPS6KB1	CCND1	FGF14	MCL1	PPP2R2A	
FGF1	RAF1	EWSR1	TMPRSS2	CCND2	FGF2	MDM2	PTCH1	
FGF10	RET	FGFR1		CCNE1	FGF23	MDM4	PTEN	
FGF14	RICTOR	FGFR2		CD79A	FGF3	MET	PTPN11	
FGF19	RPS6KB1	FGFR3		CD79B	FGF4	MLH1	RAD51	
FGF2	TFRC	FGFR4		CDH1	FGF5	MLLT3	RAD51B	
FGF23		FLI1		CDK12	FGF6	MPL	RAD51C	
FGF3		FLT1		CDK4	FGF7	MRE11A	RAD51D	
FGF4		FLT3		CDK6	FGF8	MSH2	RAD54L	
FGF5		JAK2		CDKN2A	FGF9	MSH3	RB1	
FGF6		KDR		CEBPA	FGFR1	MSH6	RET	
FGF7		KIF5B		CHEK1	FGFR2	MTOR	RICTOR	
FGF8		KIT		CHEK2	FGFR3	MUTYH	ROS1	
FGF9		KMT2A (MLL)		CREBBP	FGFR4	MYC	RPS6KB1	
FGFR1		MET		CSF1R	FLT1	MYCL1	SLX4	