

# TEMPUS xF GENE PANEL

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Targeted panel of 77 genes | DNA Sequencing Coverage: average 4000x

SNVs (single nucleotide variants) are detected in all 77 genes

A non-invasive targeted gene panel focused on oncogenic and resistance mutations in cell-free DNA (cfDNA). This panel is designed to provide clinical decision support for solid tumors.

## xF GENE PANEL

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ABL1	CCND1	DPYD	FLT3	KDR	MTOR	PMS2	STK11
AKT1	CCND2	EGFR	FLT4	KEAP1	NF2	PTCH1	TP53
AKT2	CCND3	ERBB2 (HER2)	GATA3	KIT	NFE2L2	PTEN	TERT
ALK	CD274 (PD-L1)	ESR1	GNA11	KRAS	NRAS	RAF1	TSC1
APC	CDK4	EZH2	GNAQ	MAP2K1	NTRK1	RB1	TSC2
AR	CDK6	FBXW7	GNAS	MAP2K2	PDCC1LG2	RET	UGT1A1
ARAF	CDKN2A	FGFR1	IDH1	MET	PDGFRA	RNF43	VHL
BRAF	CSF1R	FGFR2	IDH2	MLH1	PDGFRB	ROS1	
BRCA1	CTNNB1	FGFR3	JAK2	MSH2	PIK3CA	SMAD4	
BRCA2	DDR2	FLT1	JAK3	MSH6	PIK3R1	SMO	

## GENE REARRANGEMENTS

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ALK	FGFR3	RET
FGFR2	NTRK1	ROS1

## COPY NUMBER GAINS

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EGFR	ERBB2 (HER2)	MET
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