

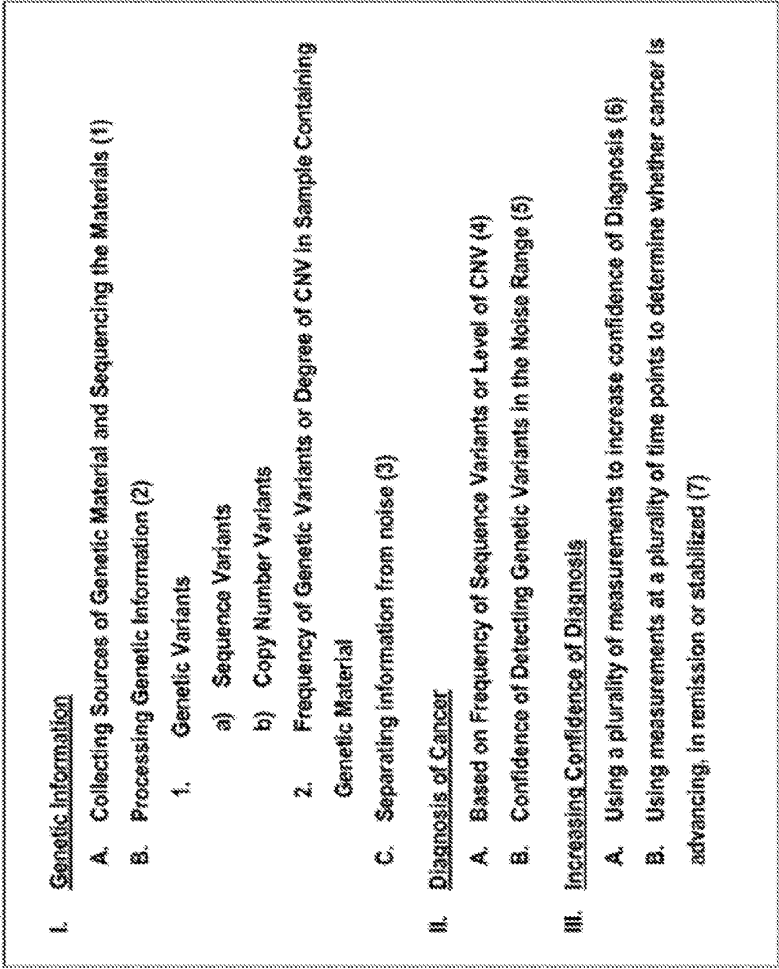


FIG. 1A

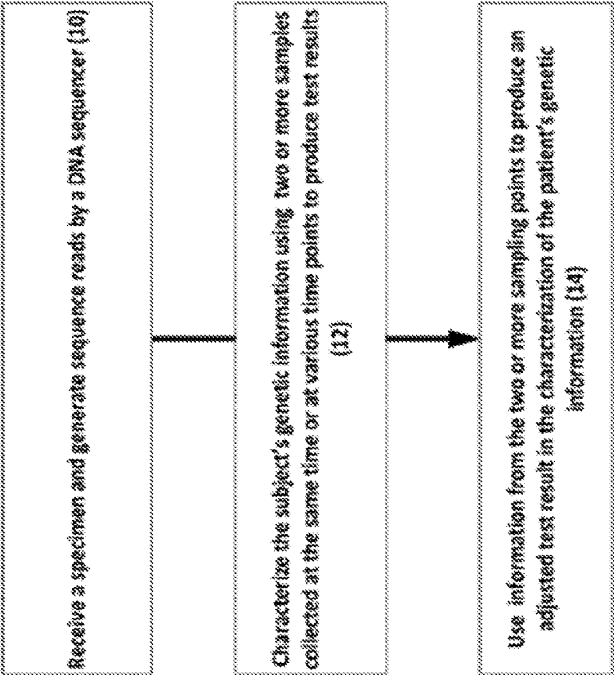


FIG. 1B

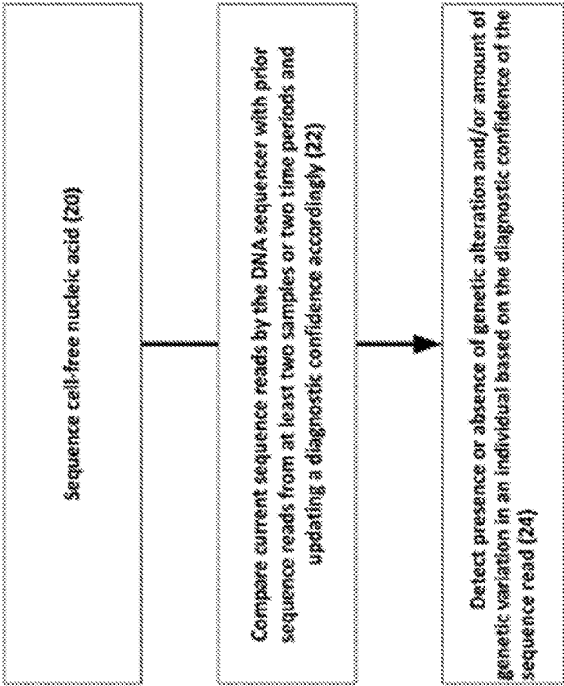


FIG. 1C

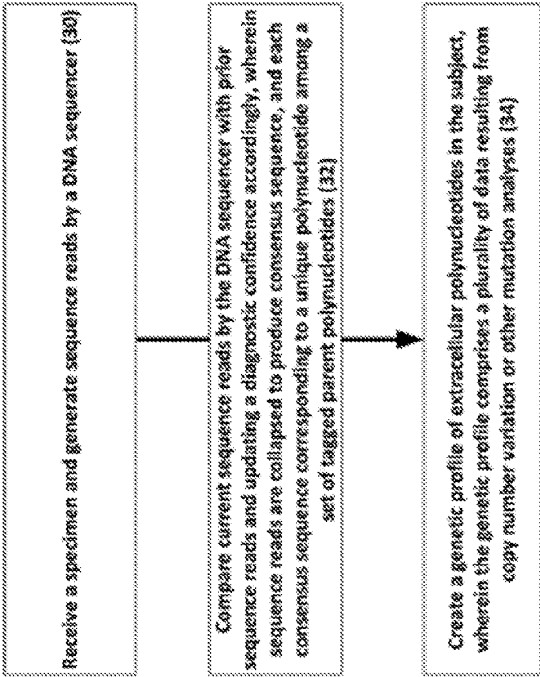


FIG. 1D

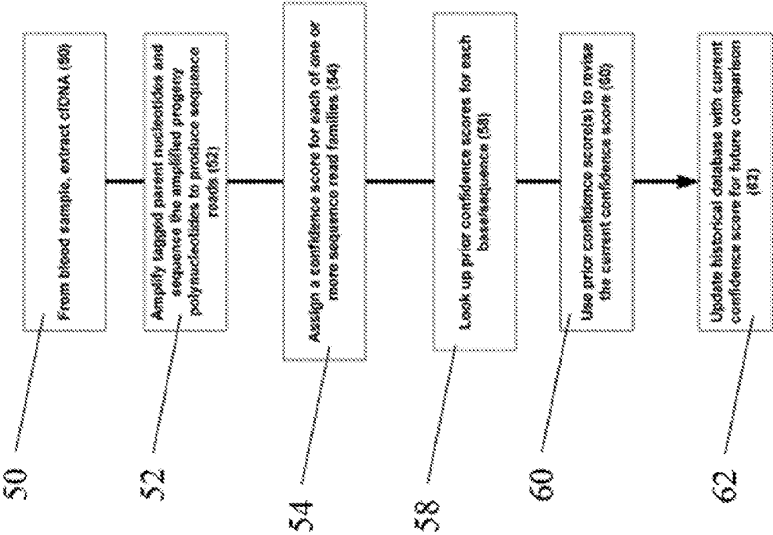


FIG. 2

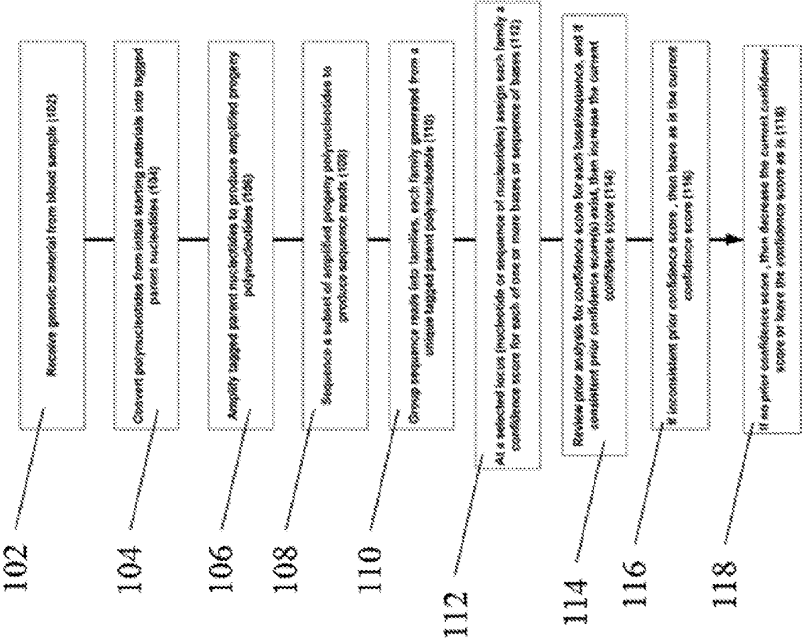


FIG. 3

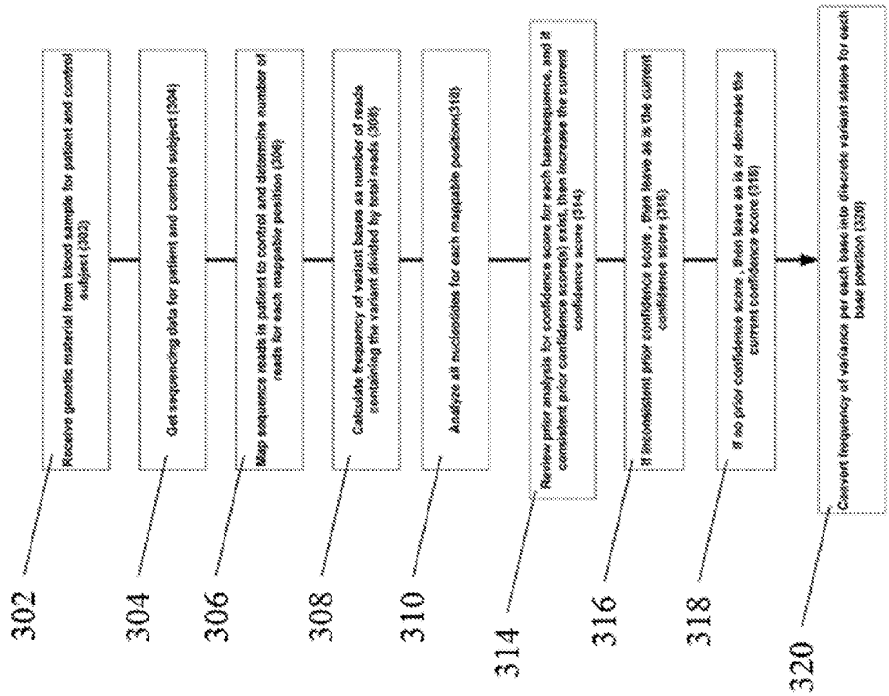


FIG. 4

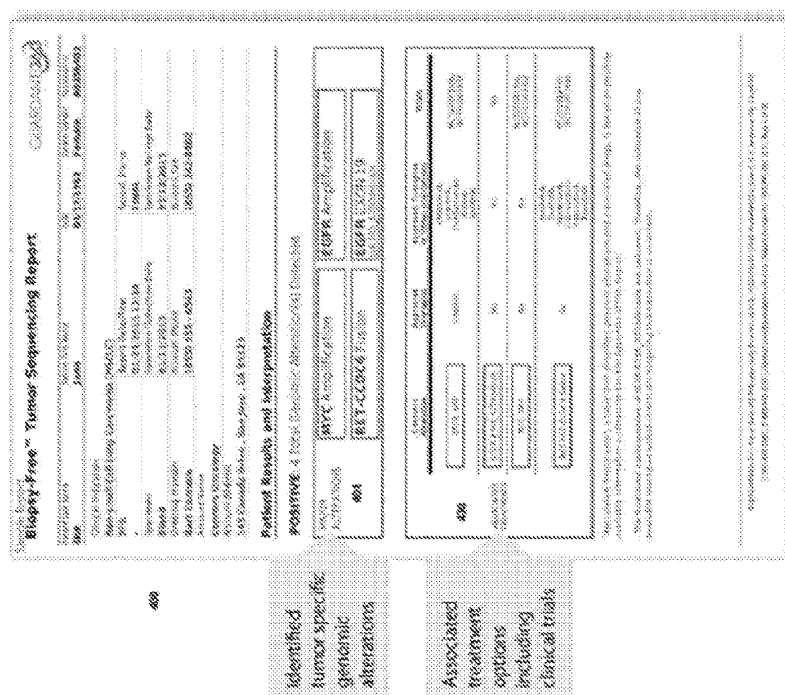
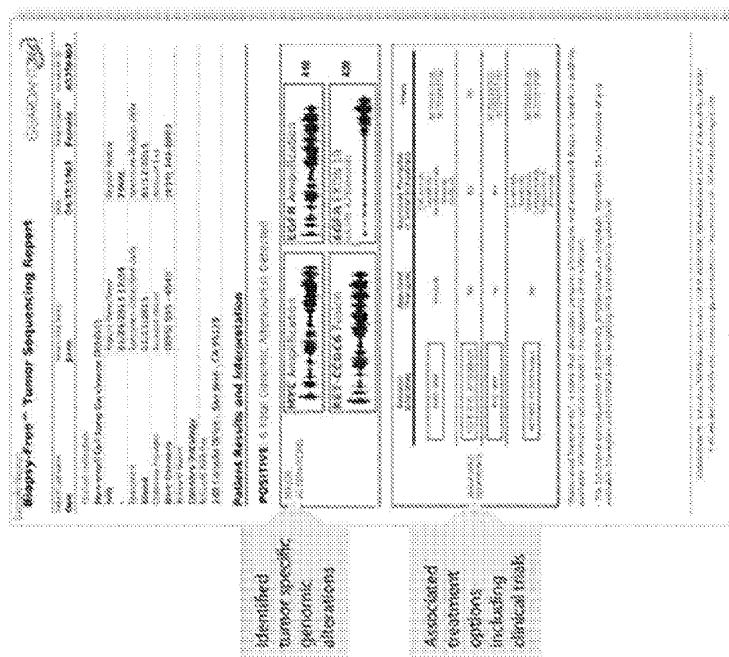


FIG. 5A



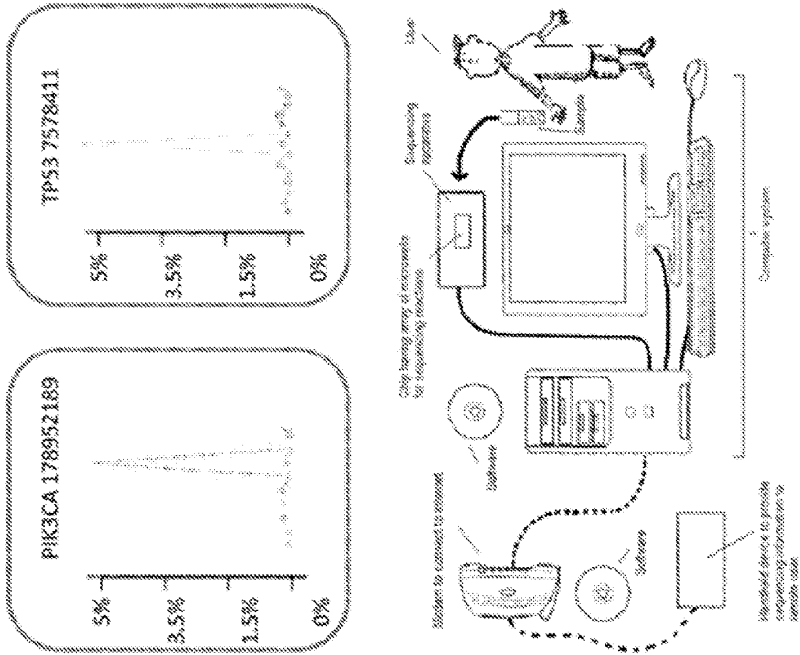


FIG. 6

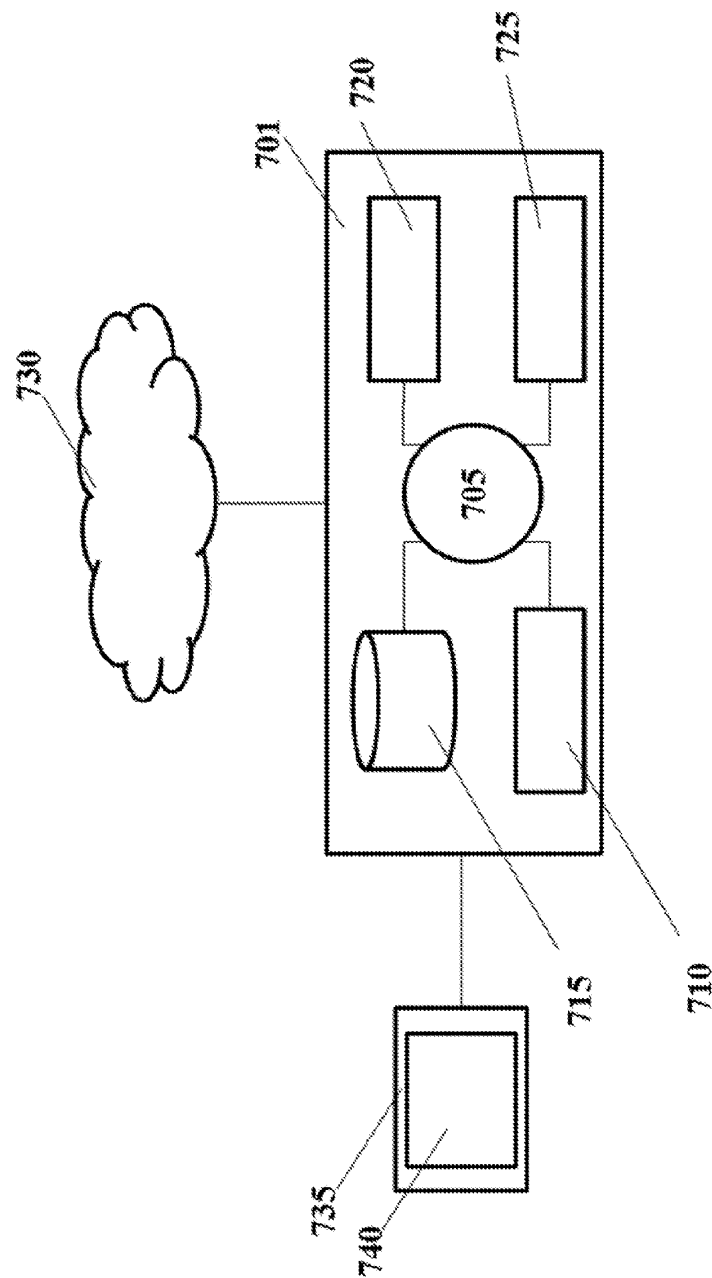
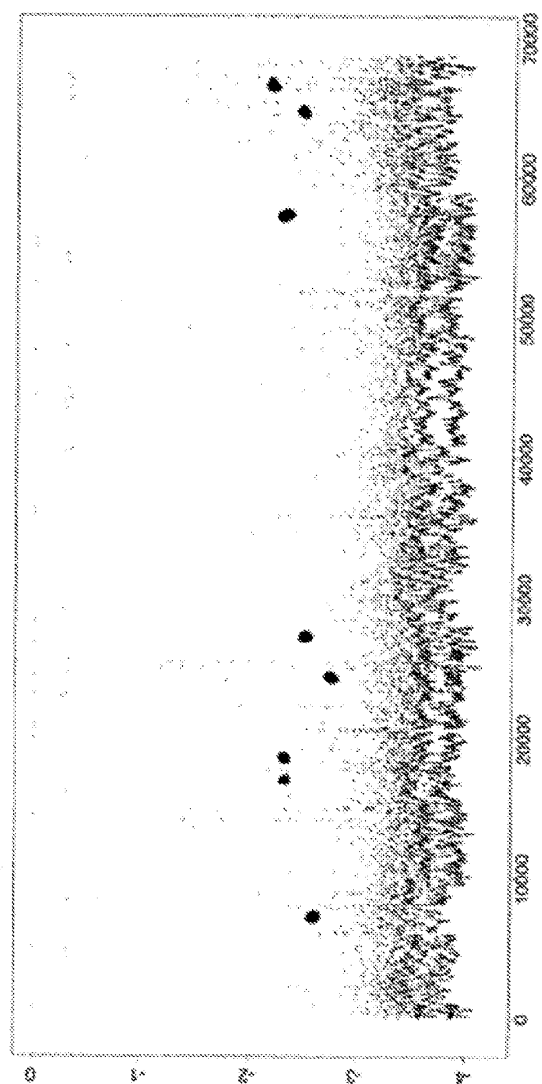


FIG. 7

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**FIG. 8**

POINT MUTATIONS - Complete* or Critical Exon Coverage in 70 Genes									
AKT1	ALK	APC	AR	ARAF	ARID1A	ATM	BRAF	BRCA1	BRCA2
CCND1	CCND2	CCNE1	CDH1	CDK4	CDK6	CDKN2A	CDKN2B	CTNNA1	EGFR
ERBB2	ESR1	ETV2	FBXW7	FGFR1	FGFR2	FGFR3	GATA3	GNA11	GNAQ
GNAS	HAF1A	HRAS	ILX1	ILX2	JAK2	JAK3	KIT	KRAS	MAP2K1
MAP2K2	MET	MLH1	MPL	MYC	NF1	NF2B2	NOTCH1	NPM1	NRAS
NTRK1	PDGFRA	PIK3CA	PTEN	PTPRN1	RAF1	RBB1	RET	PIK3CB	PIK3CA
RIT1	ROS1	SMAD4	SMD3	SRC	STK11	TERT	TP53	TSC1	VHL
AMPLIFICATIONS									
AR	BRAF	CCND1	CCND2	CCNE1	CDK4	CDK6	EGFR	ERBB2	
FGFR1	FGFR2	KIT	KRAS	MET	MYC	PDGFRA	PIK3CA	RAF1	
FUSIONS									
ALK	FGFR3	FGFR3	RET	ROS1	NTRK1				
INDELS									
EGFR exons 19/20		ERBB2 exons 19/20							
									</

FIG. 9