

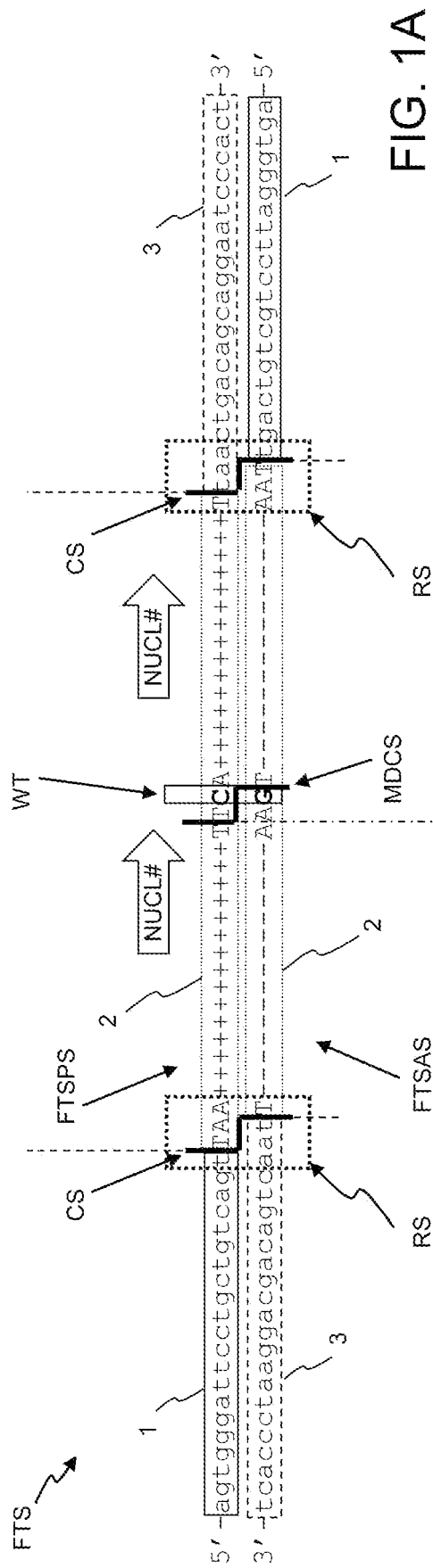


FIG. 1A

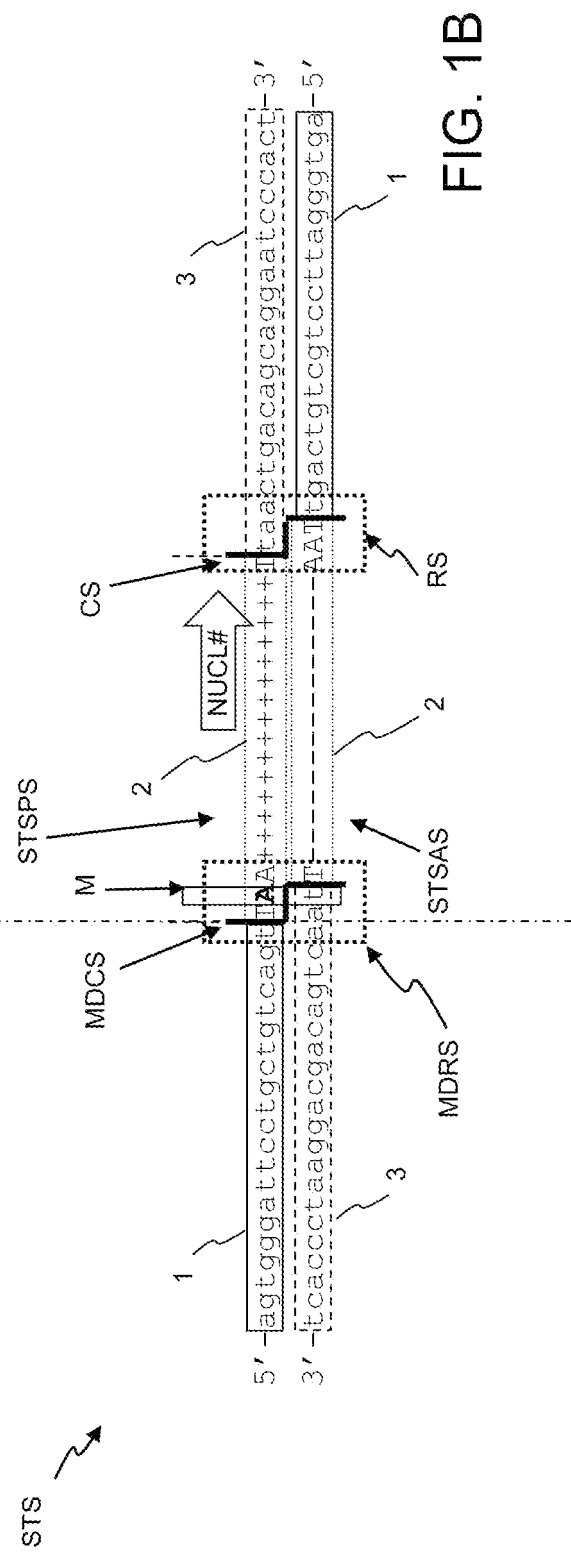
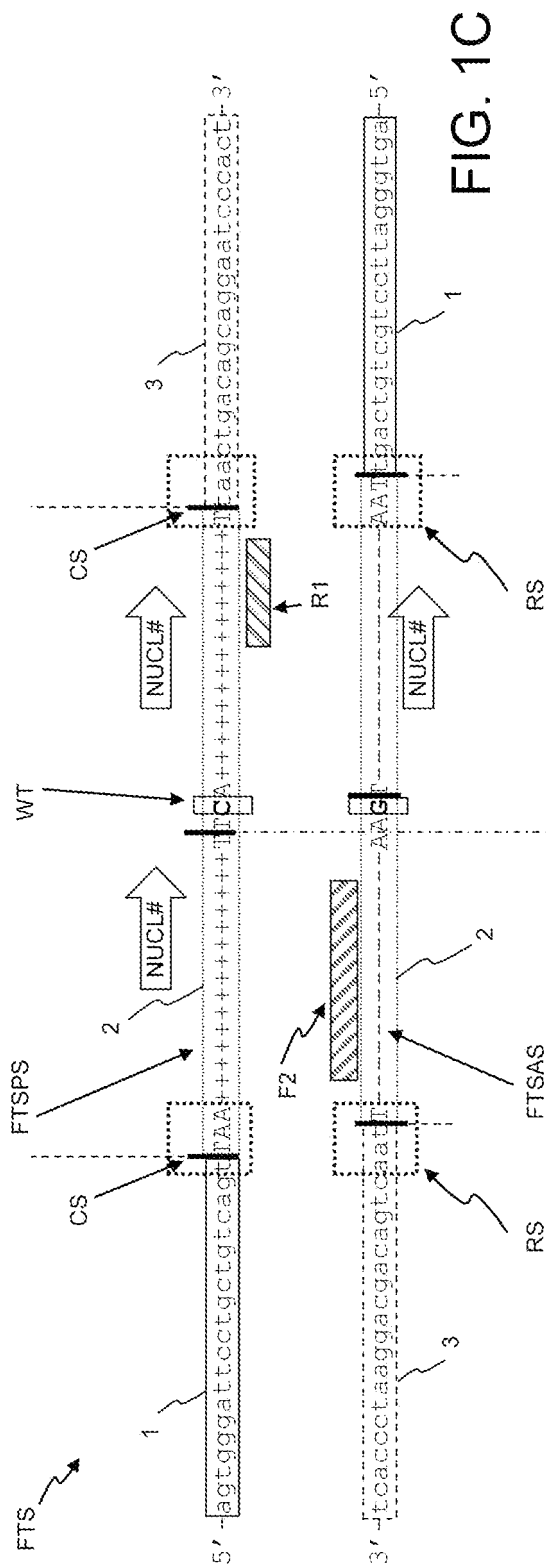
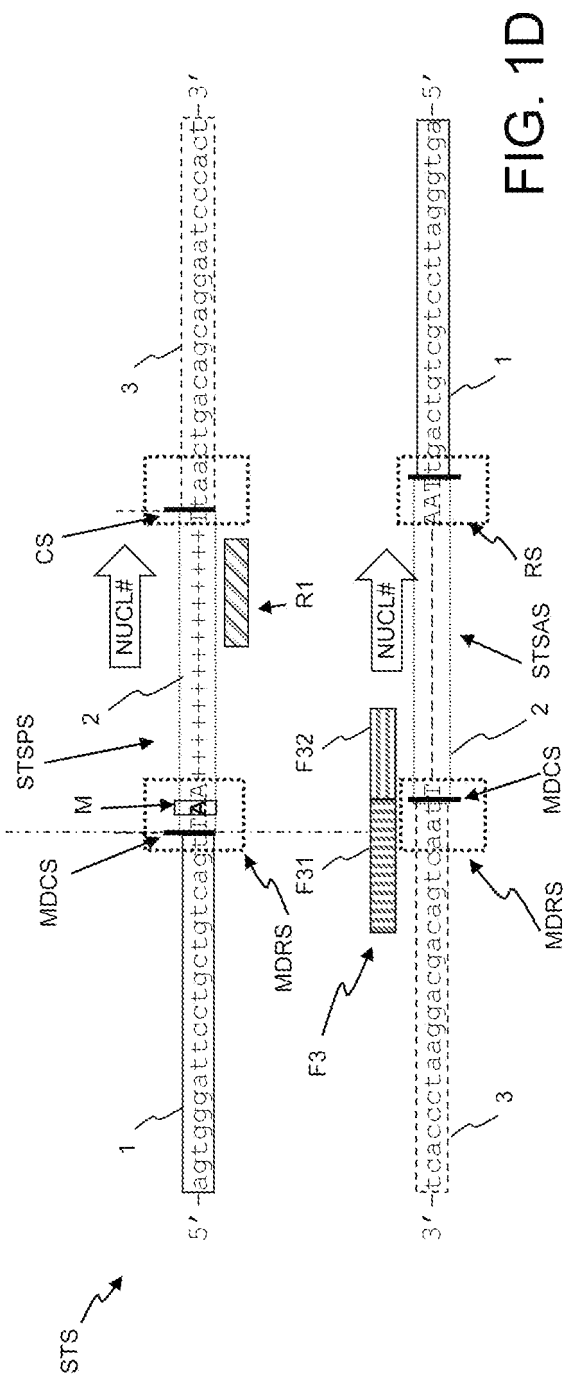


FIG. 1B



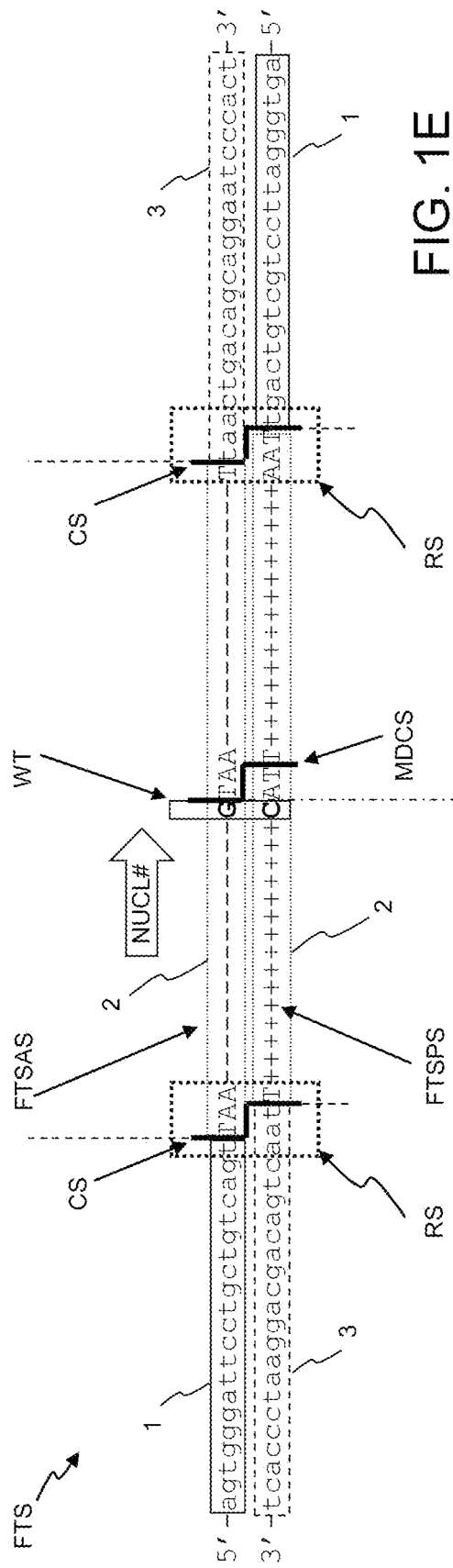


FIG. 1E

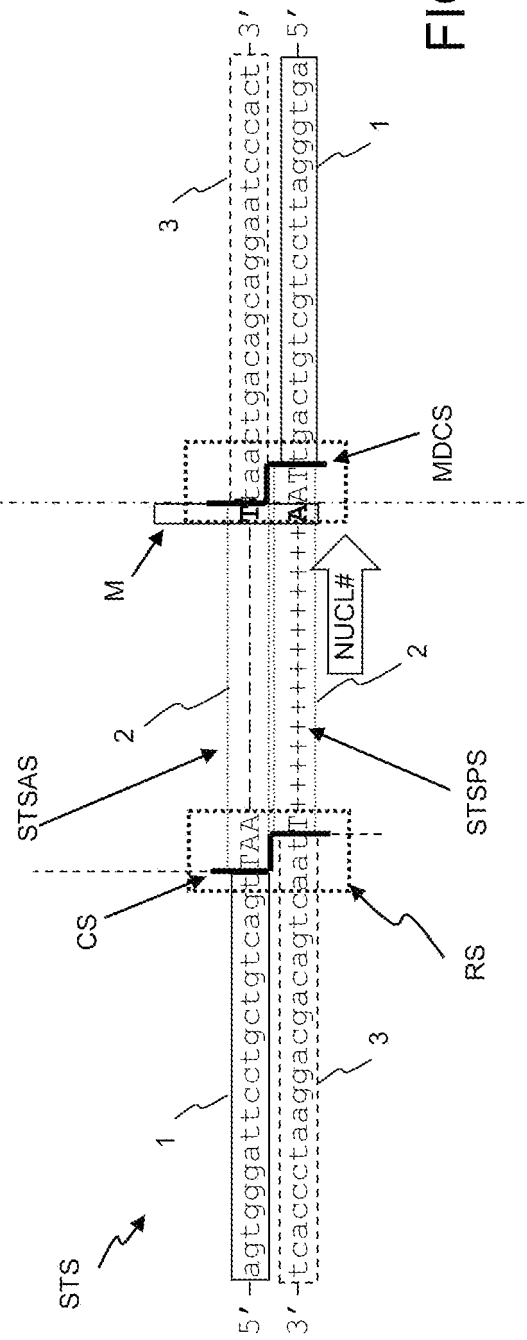


FIG. 1F

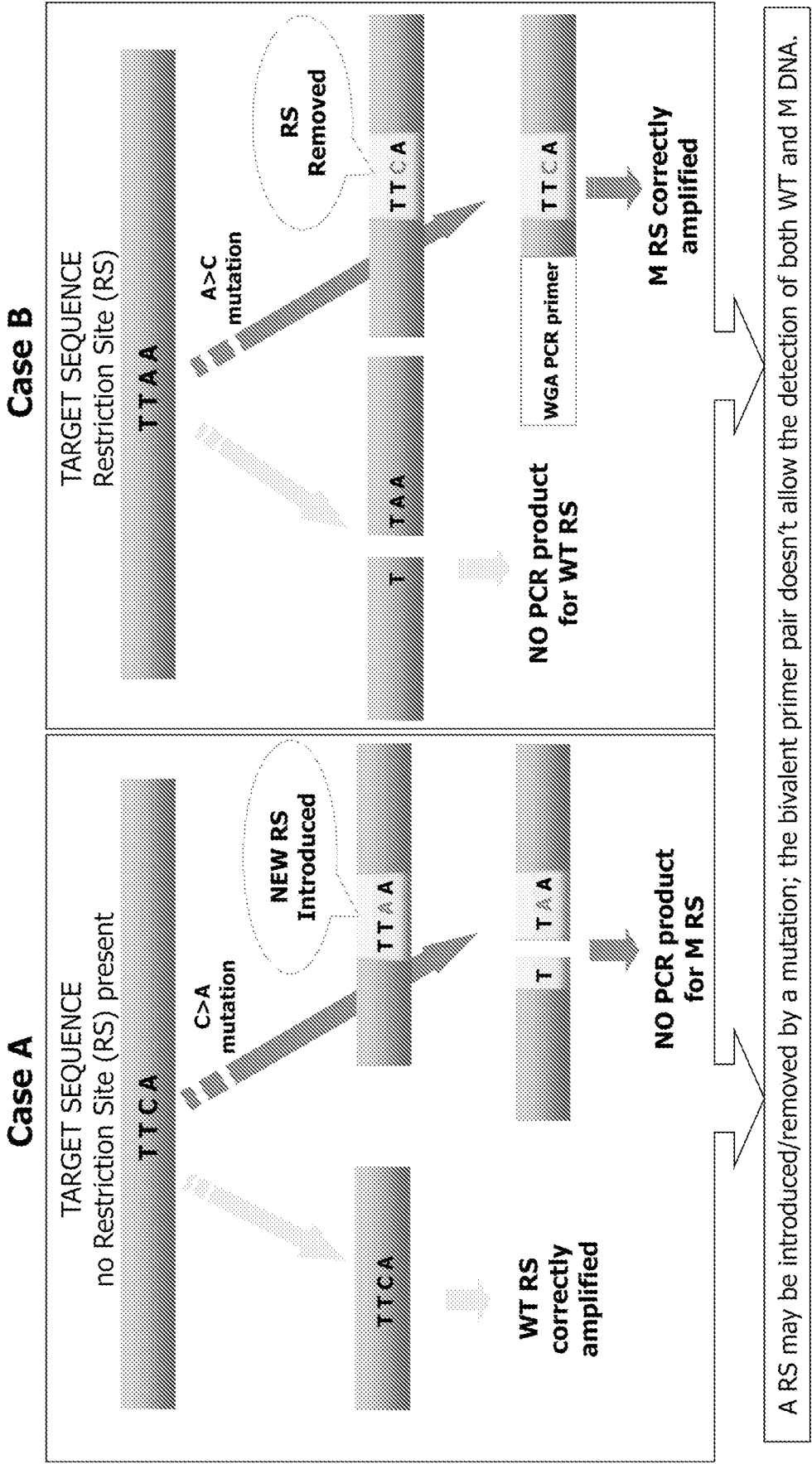


FIG. 2

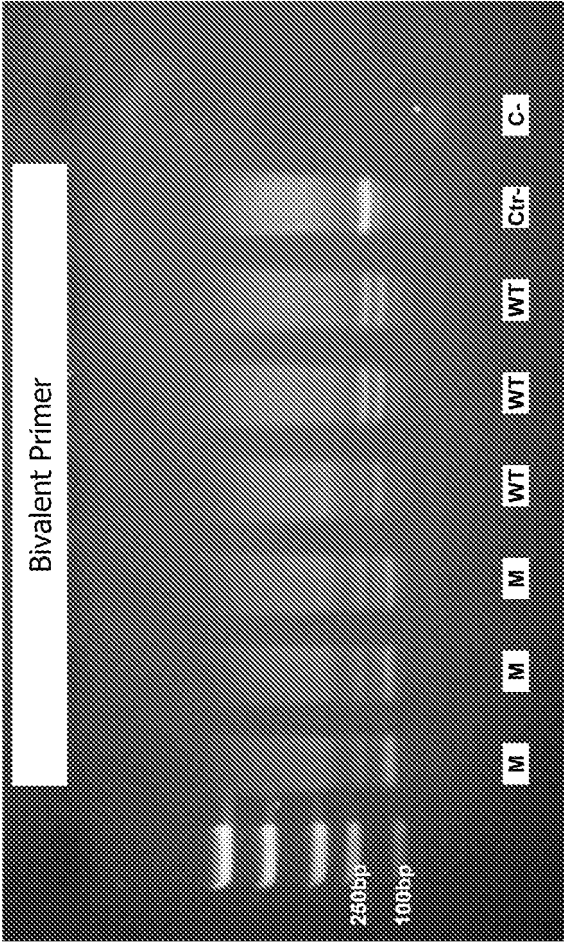


FIG. 3

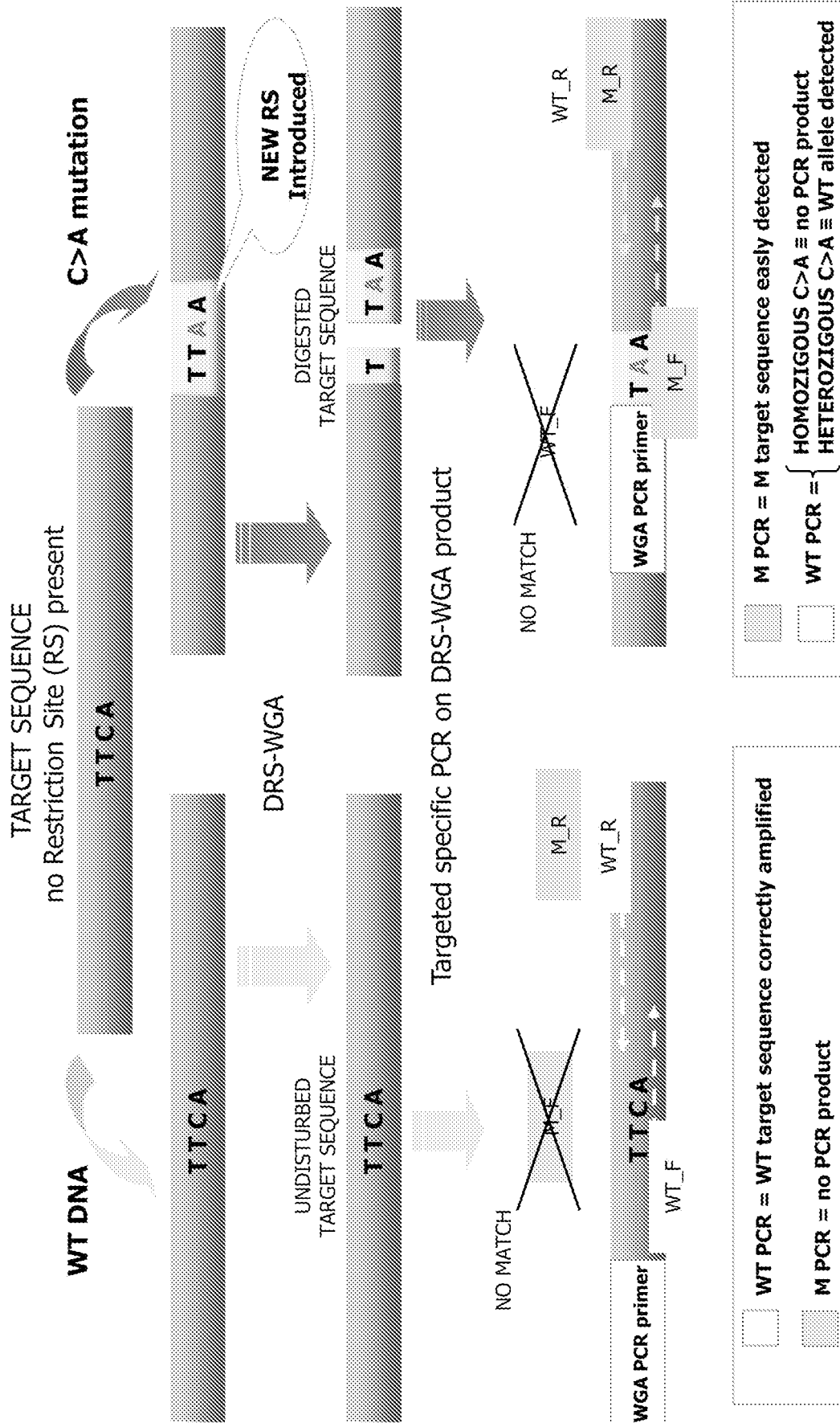


FIG. 4A

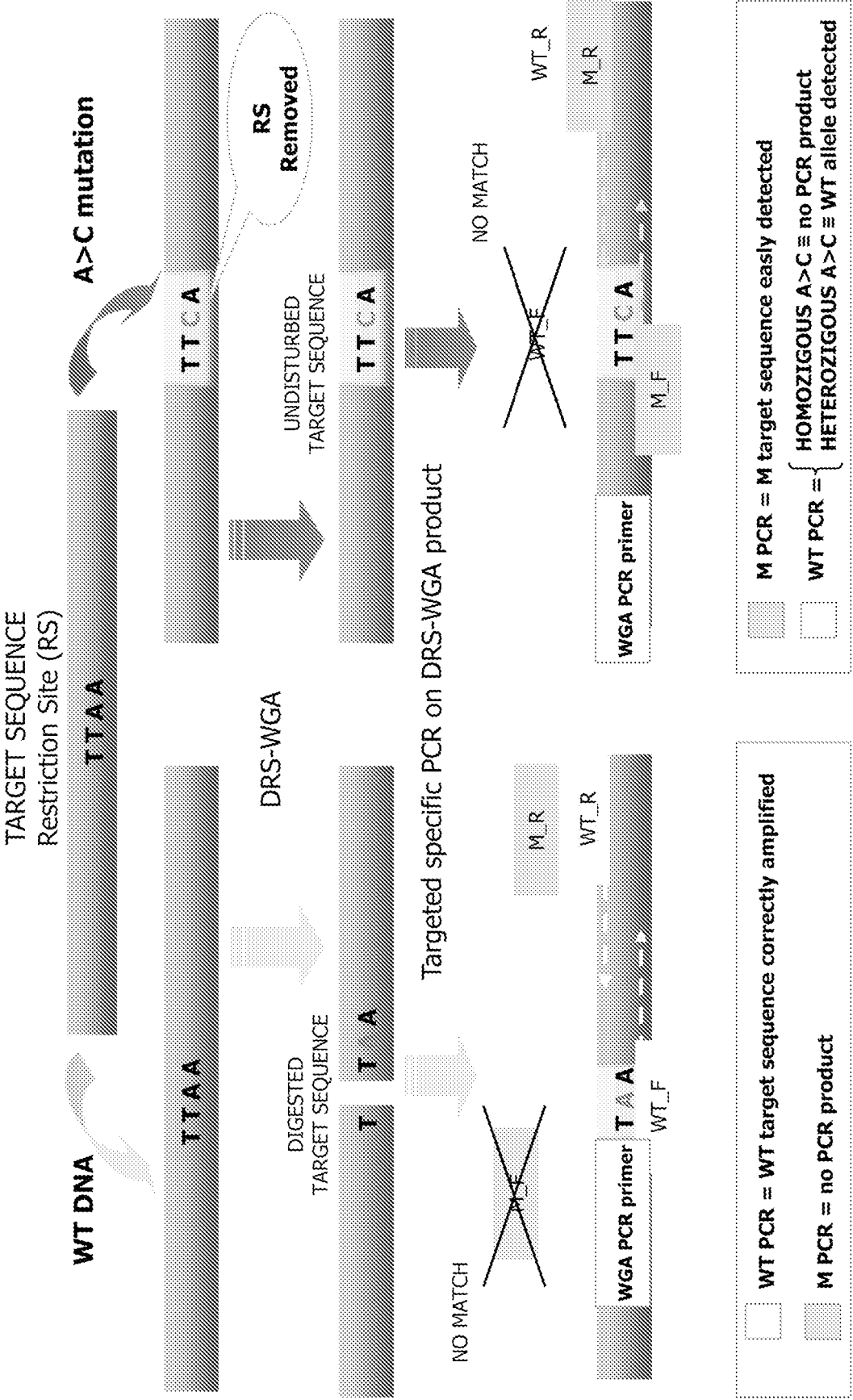


FIG. 4B

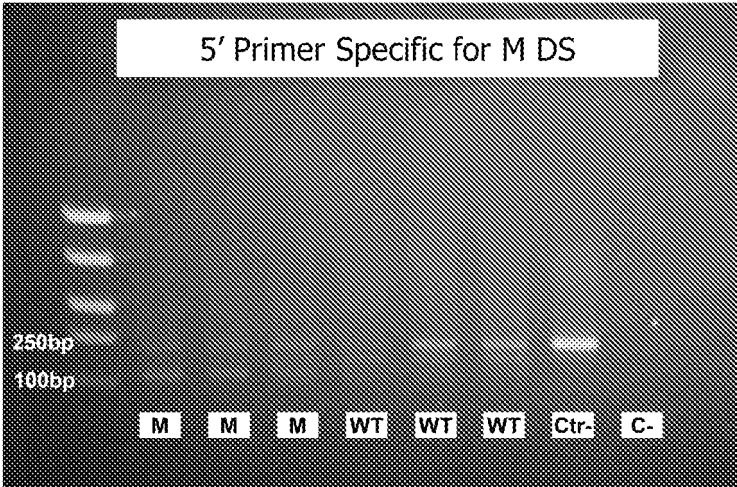


FIG. 5

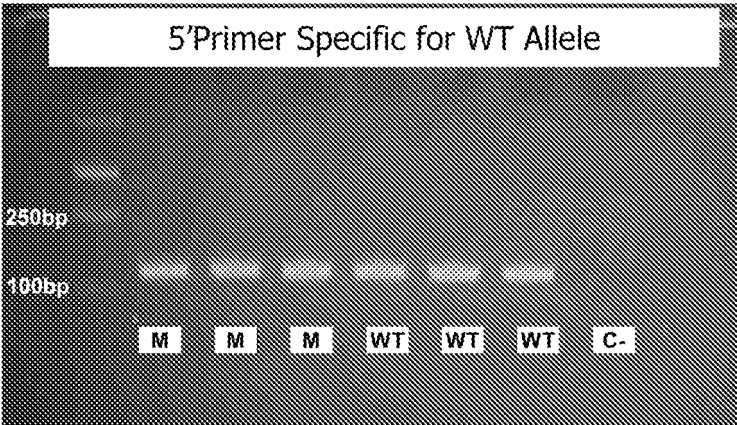


FIG. 6

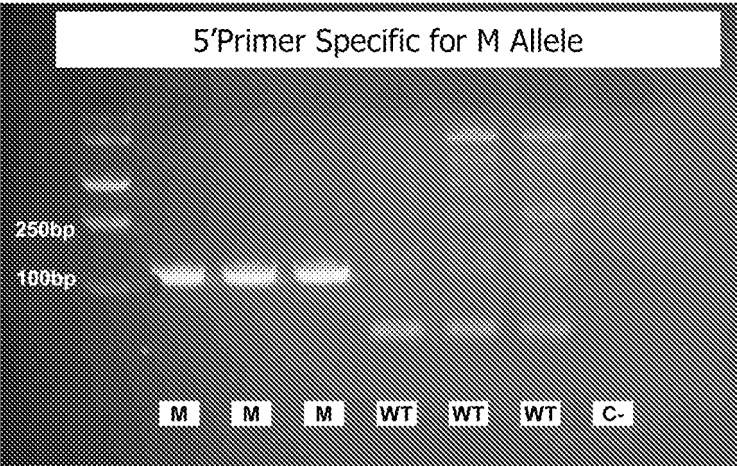


FIG. 7

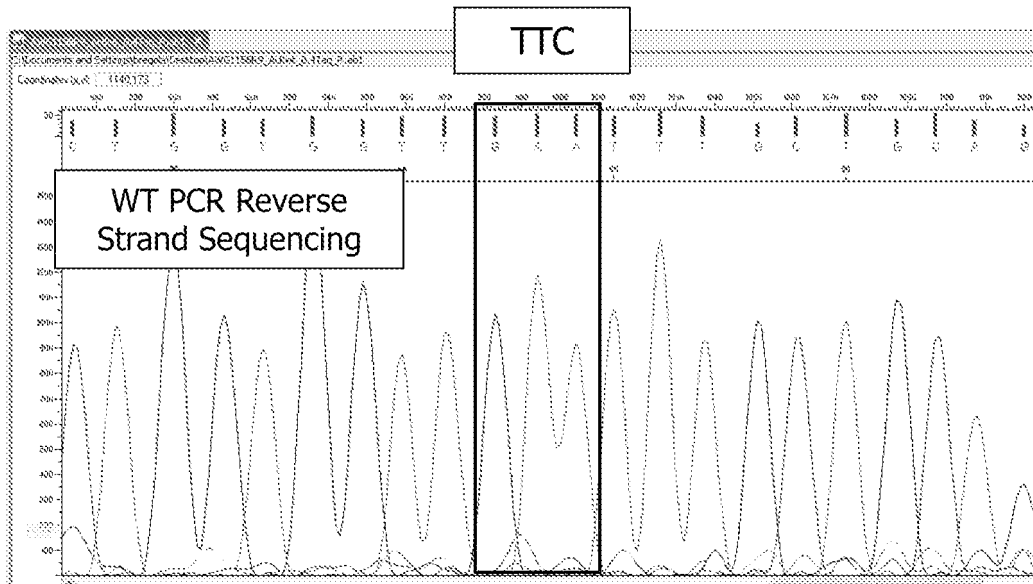


FIG. 8

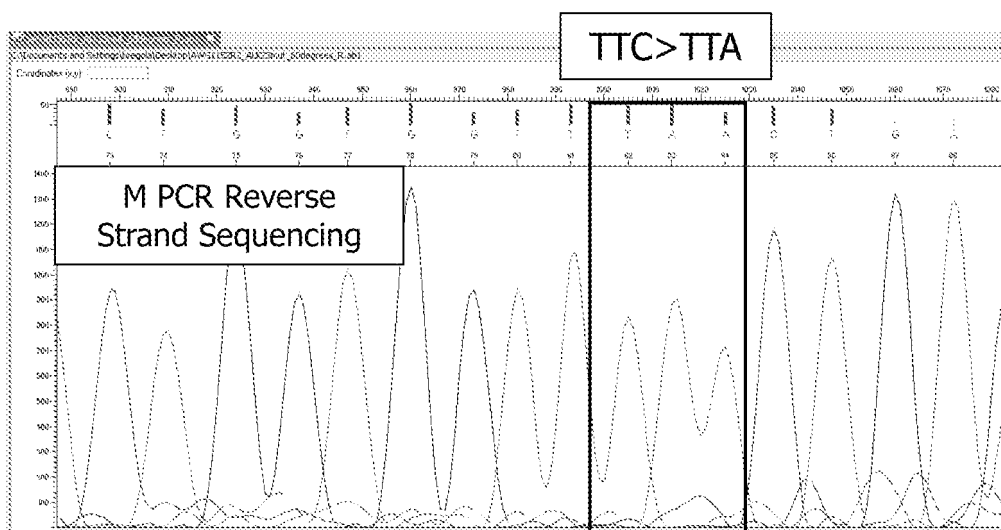
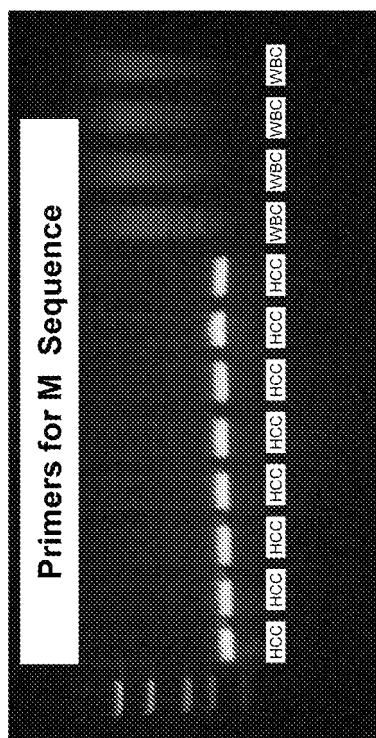
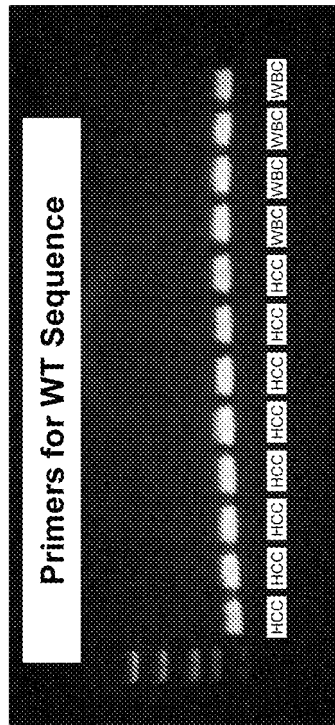
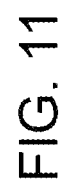
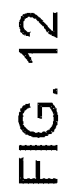
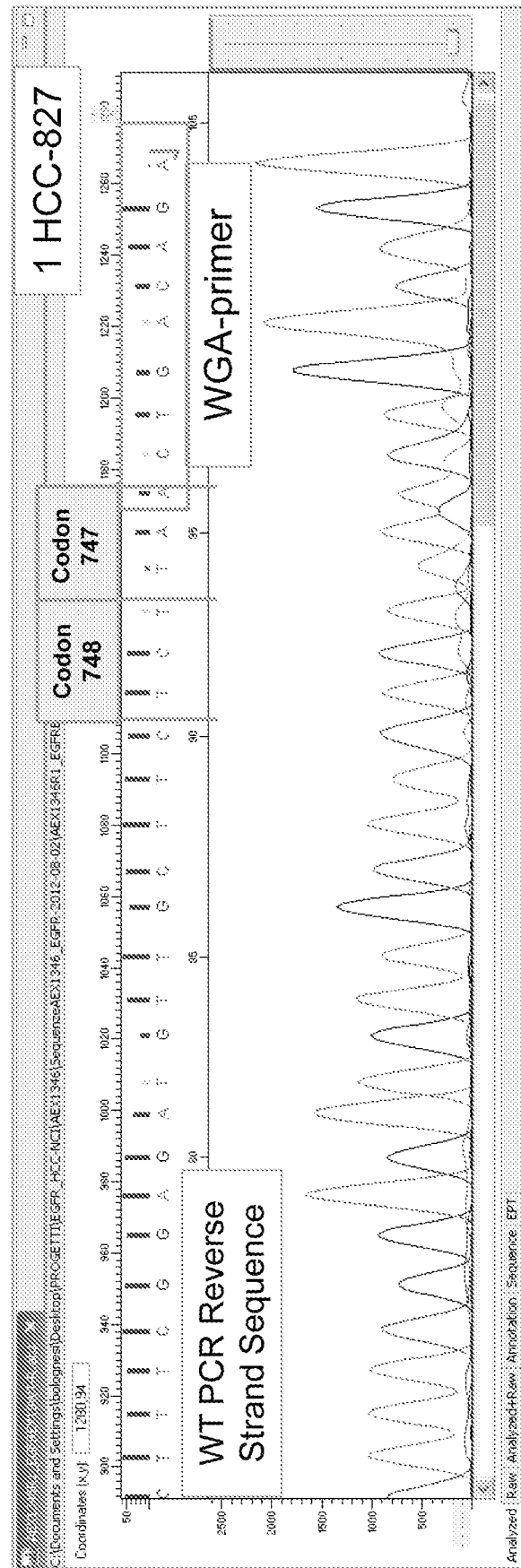


FIG. 9

Cell ID	Cell Type	# cell	Fixation	Permeabilization	ALK F1174 L	
					WT allele	M allele
AWG1152R1	SY5Y	1	Live	na	1	1
AWG1152R2	SY5Y	1	Live	na	1	1
AWG1152R3	SY5Y	1	Live	na	1	1
AWG1152R4	SY5Y	1	Live	na	1	0
AWG1152R5	SY5Y	1	Live	na	1	1
AWG1152R6	SY5Y	1	Live	na	1	1
AWG1152R7	SY5Y	1	Live	na	1	1
AWG1152R8	SY5Y	1	Live	na	1	1
AWG1152R9	SY5Y	1	Live	na	1	1
AWG1152R10	SY5Y	1	Live	na	1	1
AWG1157R1	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R2	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	0
AWG1157R3	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R4	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R5	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R6	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	0
AWG1157R7	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	0
AWG1157R8	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R9	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1157R10	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R1	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R3	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R4	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R5	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R6	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R7	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R8	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R9	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1159R10	SY5Y	1	CYTO-CHEX	INSIDE PERM	1	1
AWG1153R1	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R2	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R3	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R4	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R5	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R6	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R7	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R8	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1153R9	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	0
AWG1153R10	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R1	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R2	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R3	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R4	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R5	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	0
AWG1158R6	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R7	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R8	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1158R9	SY5Y	1	PFA 2% 20' RT	INSIDE PERM	1	1
AWG1106R1	PBMC	1	PFA 2% 20' RT	INSIDE PERM	1	0
AWG1106R2	PBMC	1	PFA 2% 20' RT	INSIDE PERM	1	0
AWG1162R1	PBMC	1	Live	na	1	0
AWG1162R2	PBMC	1	Live	na	1	0

FIG. 10



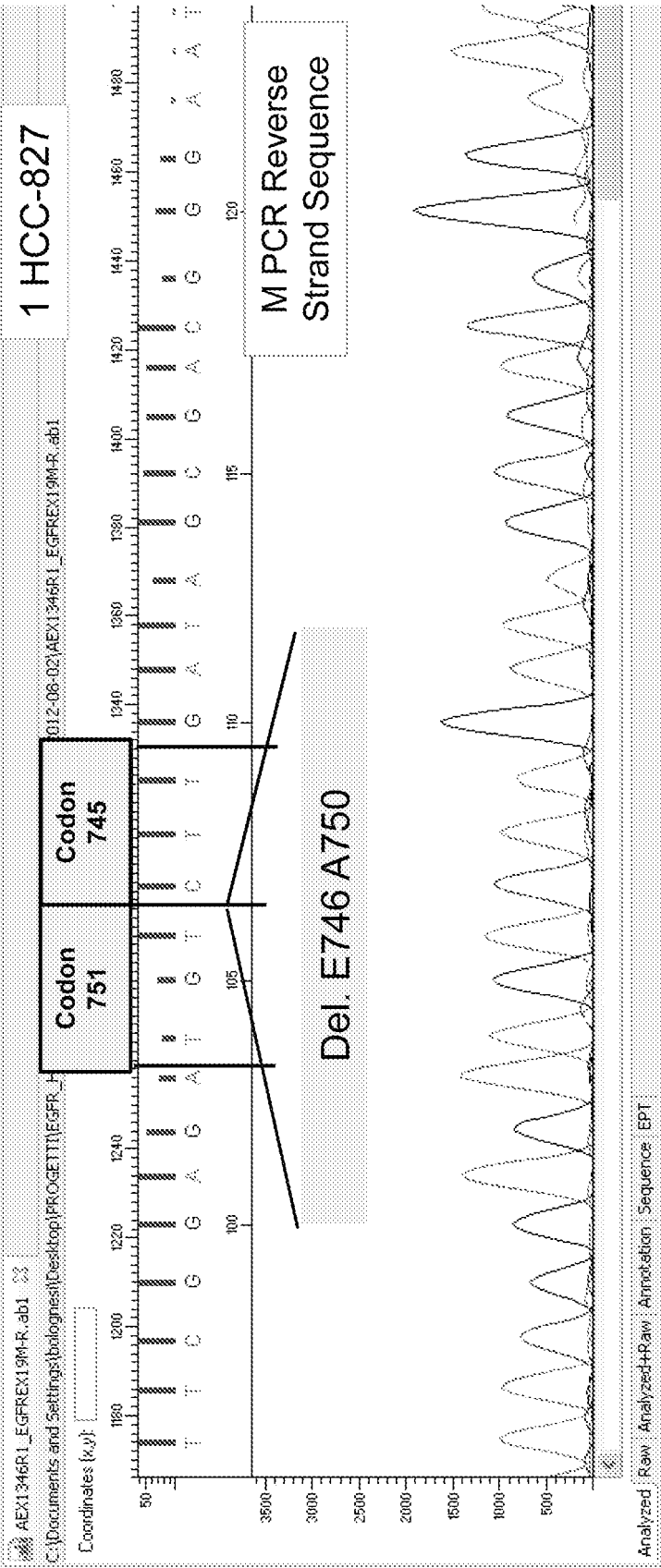


FIG. 14

Cell ID	Cell Type	# cells	Fixation	EGFR Exon19 Del. E746_A750	
				WT	M
AEX1204R1	HCC-827	1	Veridex	1	1
AEX1204R2	HCC-827	1	Veridex	1	1
AEX1204R3	HCC-827	1	Veridex	1	1
AEX1204R4	HCC-827	1	Veridex	1	1
AEX1204R5	HCC-827	1	Veridex	1	1
AEX1204R6	HCC-827	1	Veridex	1	1
AEX1204R7	HCC-827	1	Veridex	1	1
AEX1204R8	HCC-827	1	Veridex	1	1
AEX1204R9	HCC-827	1	Veridex	1	1
AEX1204R10	HCC-827	1	Veridex	1	1
AEX1171R1	HCC-827	1	Veridex	1	1
AEX1171R2	HCC-827	1	Veridex	0	1
AEX1171R3	HCC-827	1	Veridex	1	1
AEX1171R4	HCC-827	1	Veridex	1	1
AEX1171R5	HCC-827	1	Veridex	1	1
AEX1171R6	HCC-827	1	Veridex	1	1
AEX1171R7	HCC-827	1	Veridex	1	1
AEX1171R8	HCC-827	1	Veridex	1	1
AEX1171R9	HCC-827	1	Veridex	1	1
AEX1171R10	HCC-827	1	Veridex	1	1
AEX1346R1	HCC-827	1	Veridex	1	1
AEX1346R2	HCC-827	1	Veridex	1	1
AEX1346R3	HCC-827	1	Veridex	1	1
AEX1346R4	HCC-827	1	Veridex	0	1
AEX1346R5	HCC-827	1	Veridex	1	1
AEX1346R6	HCC-827	1	Veridex	1	1
AEX1346R7	HCC-827	1	Veridex	1	1
AEX1346R8	HCC-827	1	Veridex	1	1
AEX1346R9	HCC-827	1	Veridex	1	1
AEX1346R10	HCC-827	1	Veridex	0	1
AEX1346R11	HCC-827	1	Veridex	1	1
AWG1162R1	PBMC	1	Live	1	0
AWG1162R2	PBMC	1	Live	1	0
AWG1162R3	PBMC	1	Live	1	0
AWG1162R5	PBMC	1	Live	1	0
AWG1162R6	PBMC	1	Live	1	0
AWG1162R7	PBMC	1	Live	1	0
AWG1162R8	PBMC	1	Live	1	0
AWG1205R1	PBMC	1	Live	1	0
AWG1205R2	PBMC	1	Live	1	0
AWG1205R3	PBMC	1	Live	1	0
AWG1205R4	PBMC	1	Live	1	0
AWG1205R5	PBMC	1	Live	1	0
AWG1205R6	PBMC	1	Live	1	0
AWG1205R7	PBMC	1	Live	1	0
AWG1205R8	PBMC	1	Live	1	0
AWG1205R9	PBMC	1	Live	1	0
AWG1205R10	PBMC	1	Live	1	0
AEX1204R11	PBMC	1	Veridex	1	0
AEX1204R12	PBMC	1	Veridex	1	1
AEX1204R13	PBMC	1	Veridex	1	1
AEX1171R11	PBMC	1	Veridex	1	0
AEX1171R12	PBMC	1	Veridex	1	0
AEX1171R13	PBMC	1	Veridex	1	0
AEX1171R14	PBMC	1	Veridex	1	0
AEX1171R15	PBMC	1	Veridex	1	0
AEX1346R14	PBMC	1	Veridex	1	0
AEX1346R15	PBMC	1	Veridex	1	1
AEX1346R16	PBMC	1	Veridex	1	0

FIG. 15

