

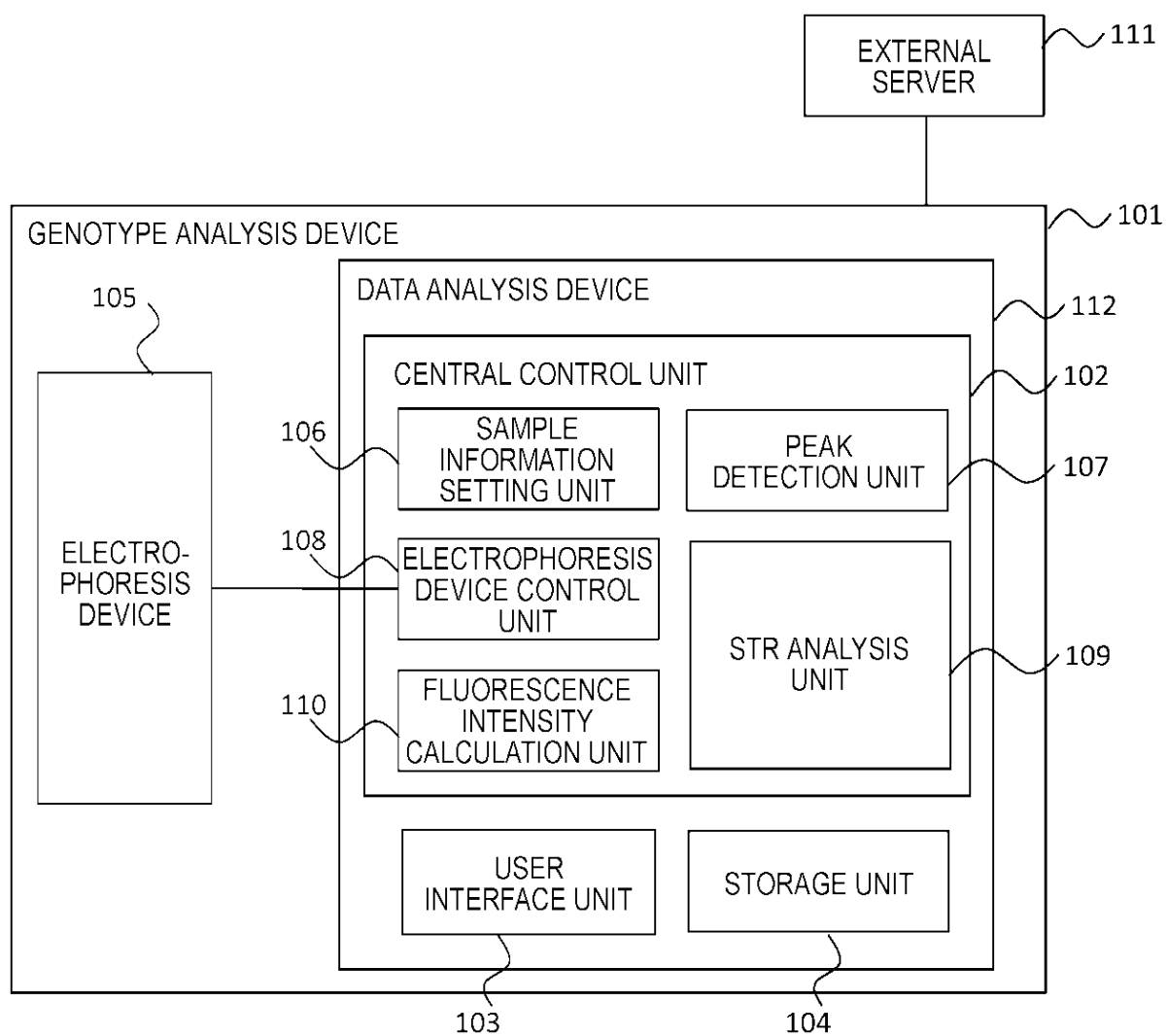
FIG. 1

FIG. 2

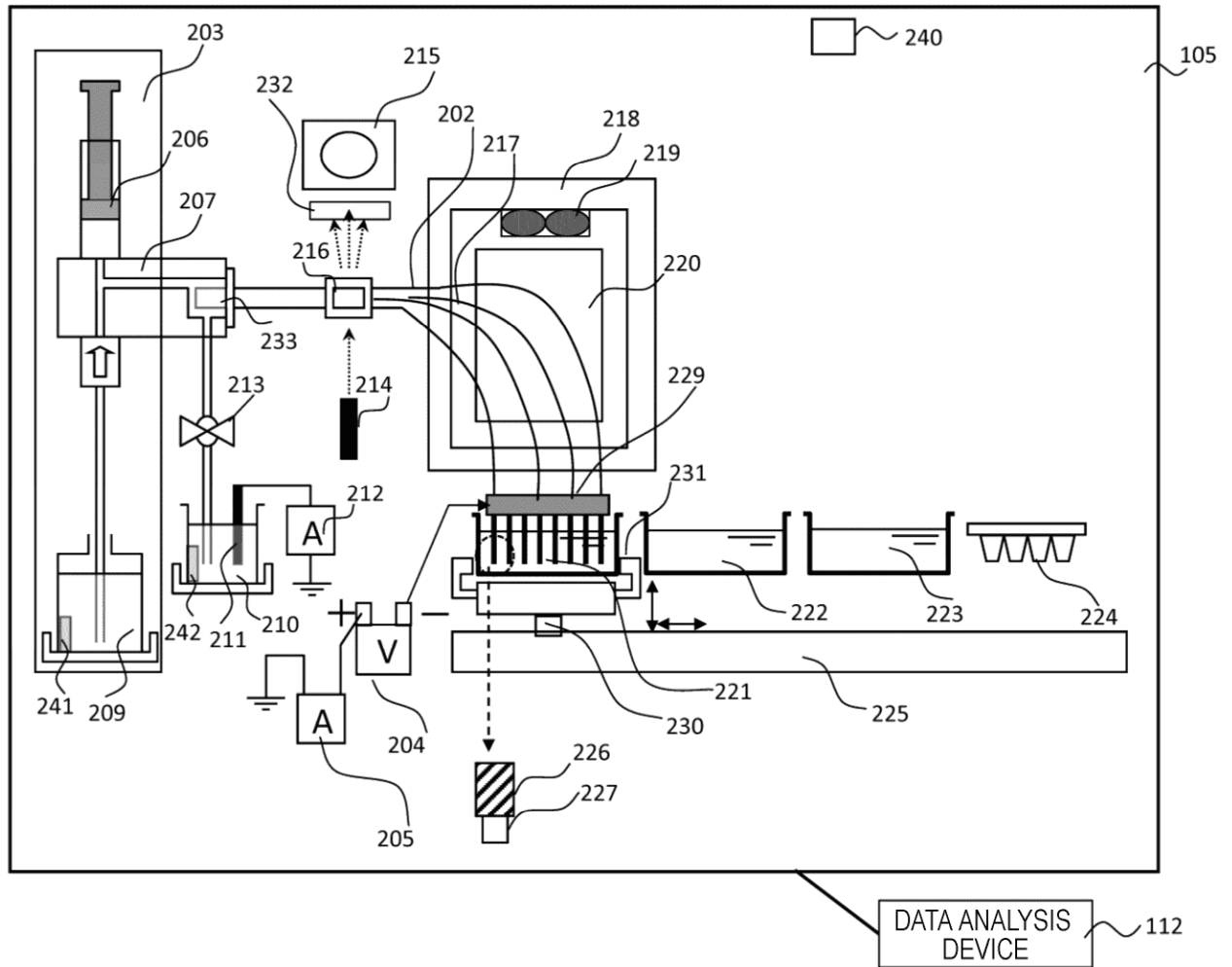


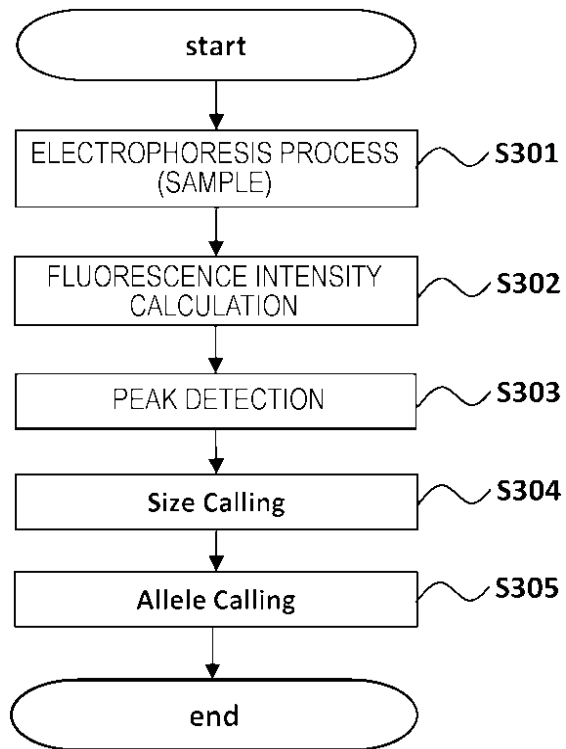
FIG. 3

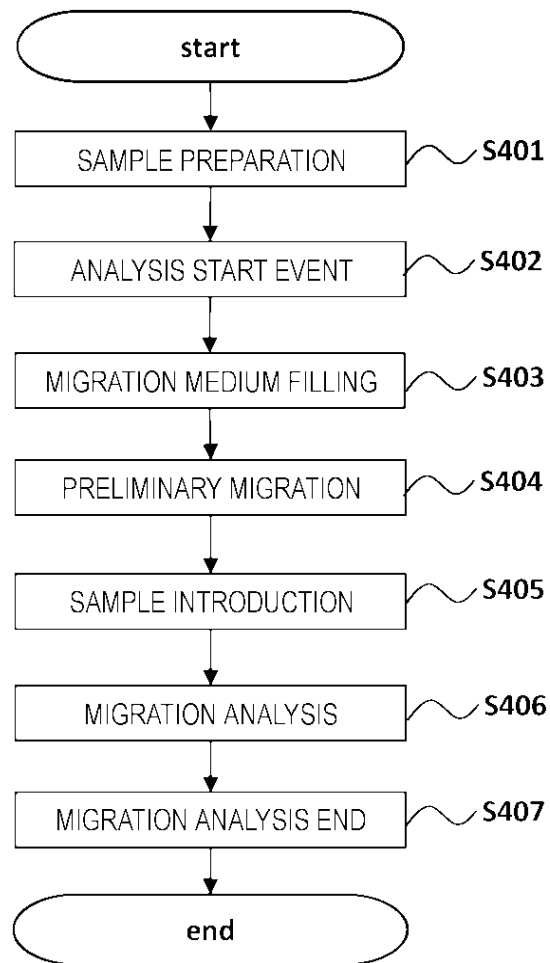
FIG. 4

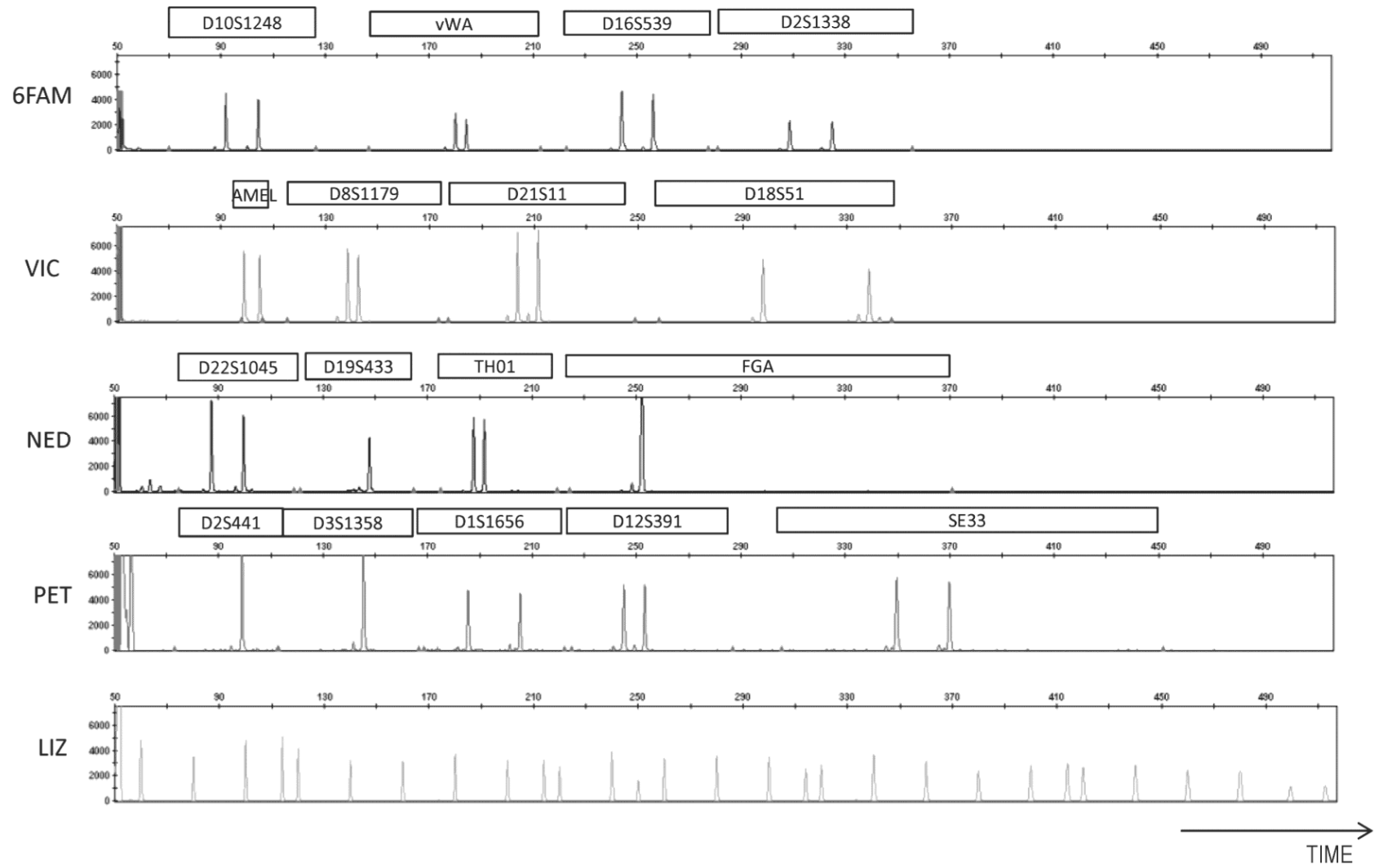
FIG. 5

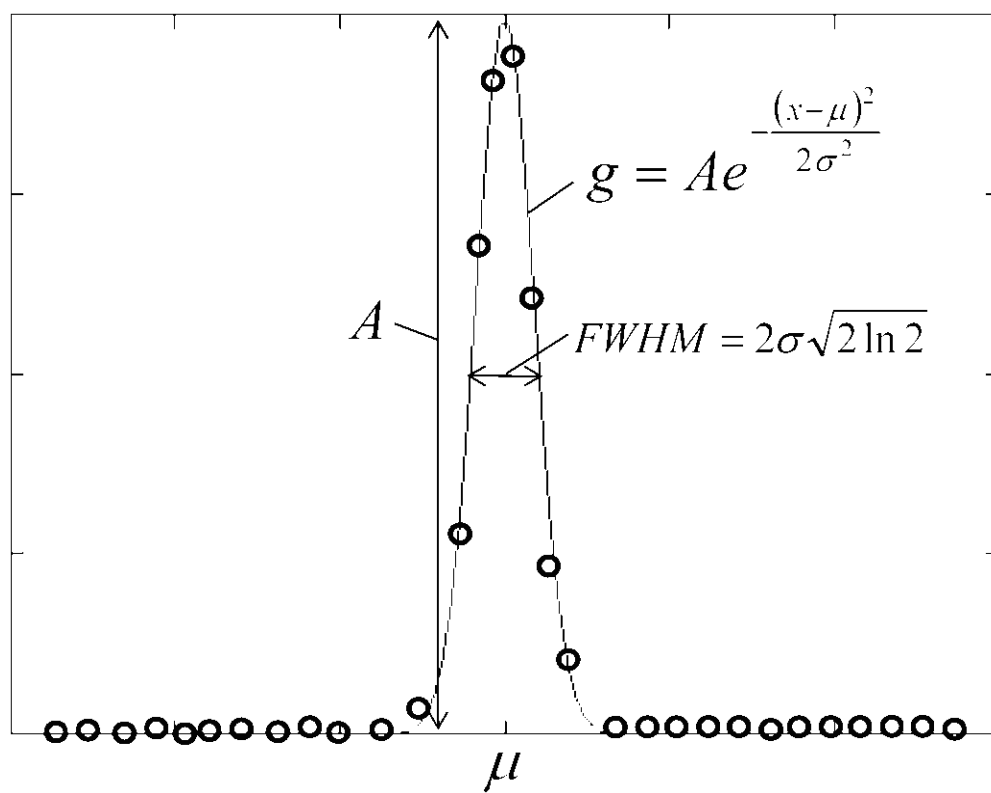
FIG. 6

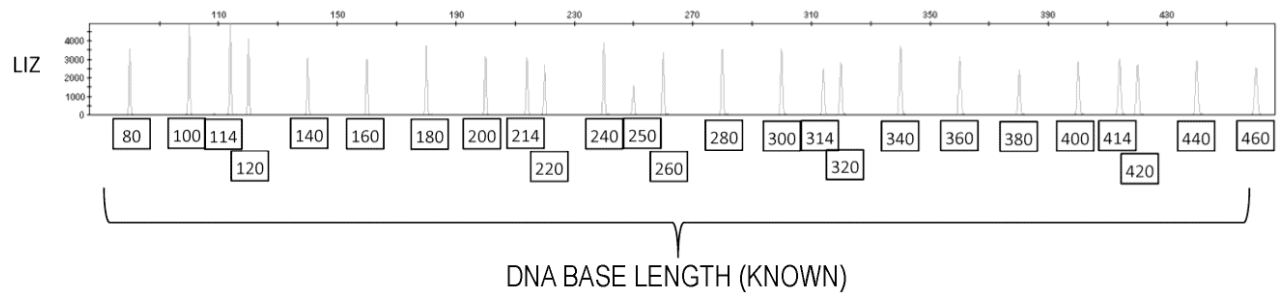
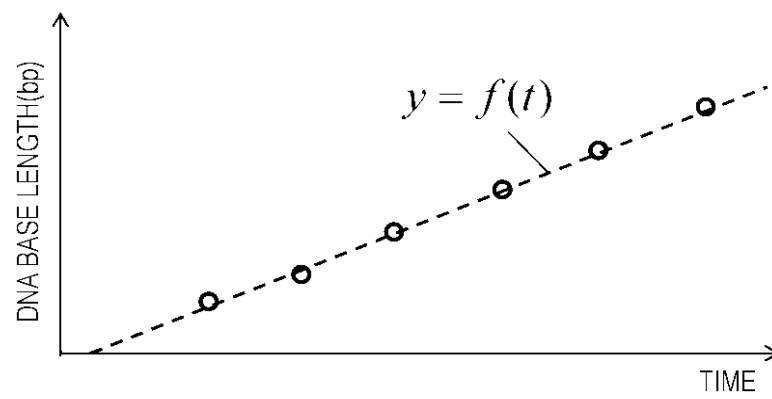
FIG. 7A**FIG. 7B**

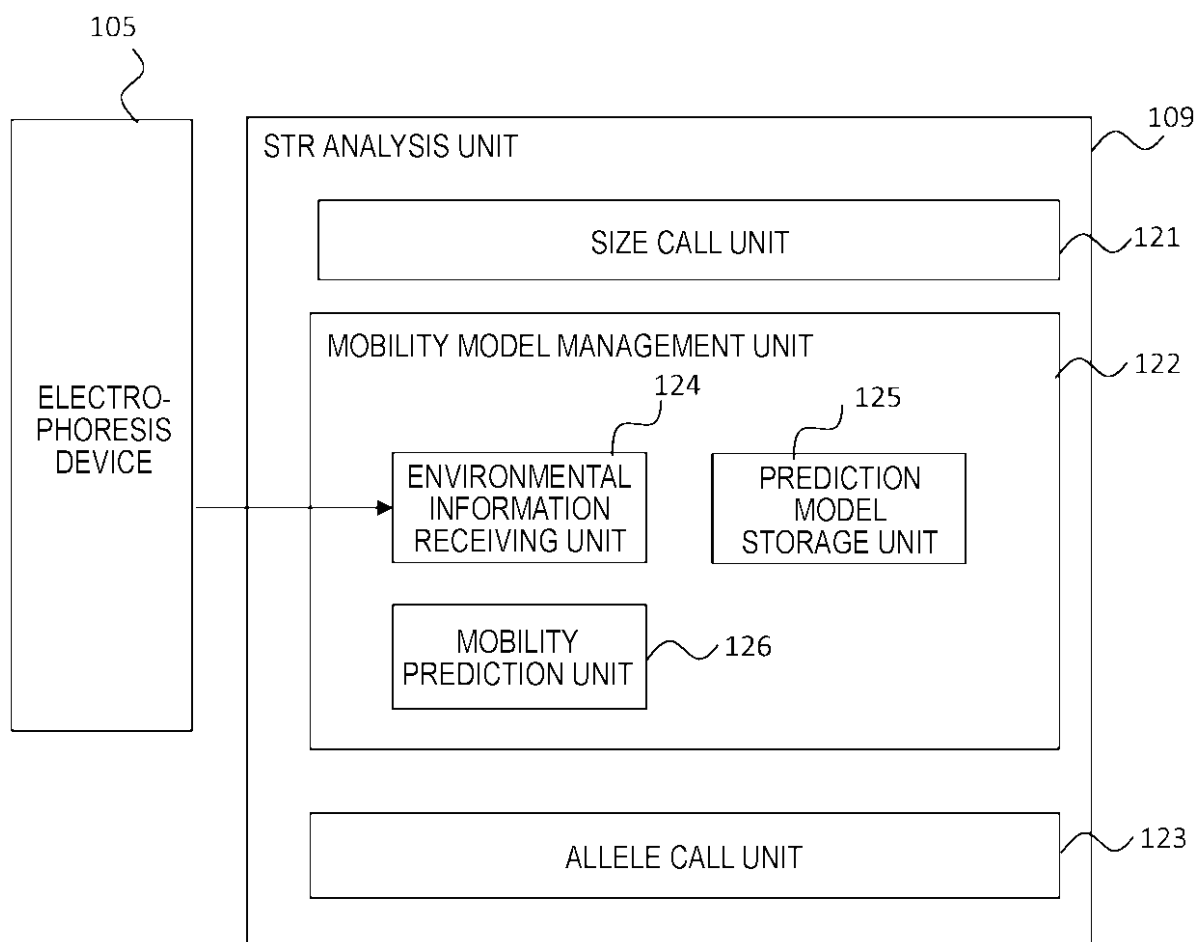
FIG. 8

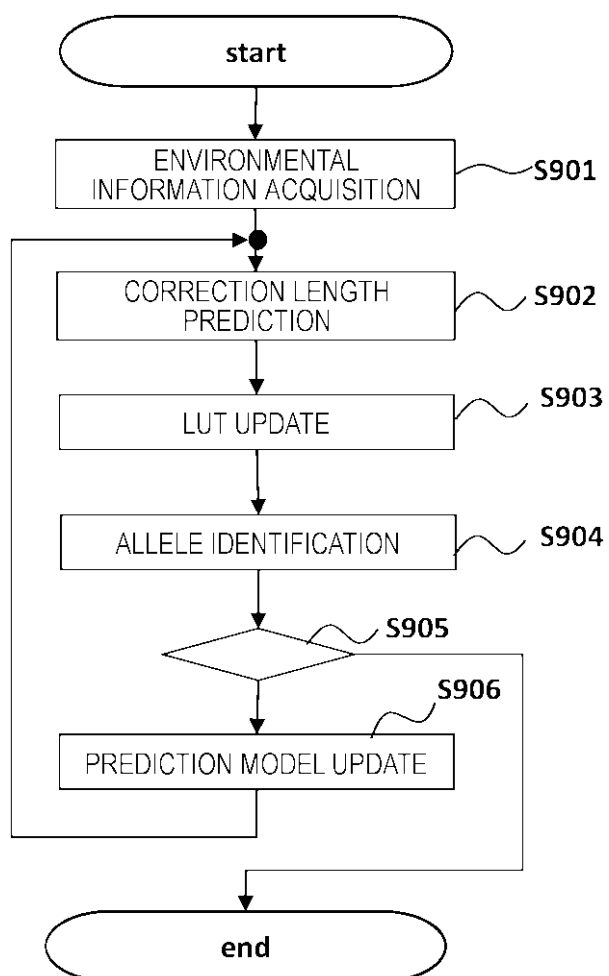
FIG. 9

FIG. 10

Dye	Locus	Allele	Length	Min	Max
6FAM	D10S1248	8	77	-0.5	0.5
		9	81	-0.5	0.5
		10	85	-0.5	0.5
		11	89	-0.5	0.5
		12	93	-0.5	0.5
		13	97	0.5	0.5
		14	101	-0.5	0.5
		15	105	-0.5	0.5
		16	109	-0.5	0.5
		17	113	-0.5	0.5
		18	117	-0.5	0.5
NED	D22S1045	8	80	-0.5	0.5
		9	83	-0.5	0.5
		10	86	-0.5	0.5
		...	...	...	...

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FIG. 11

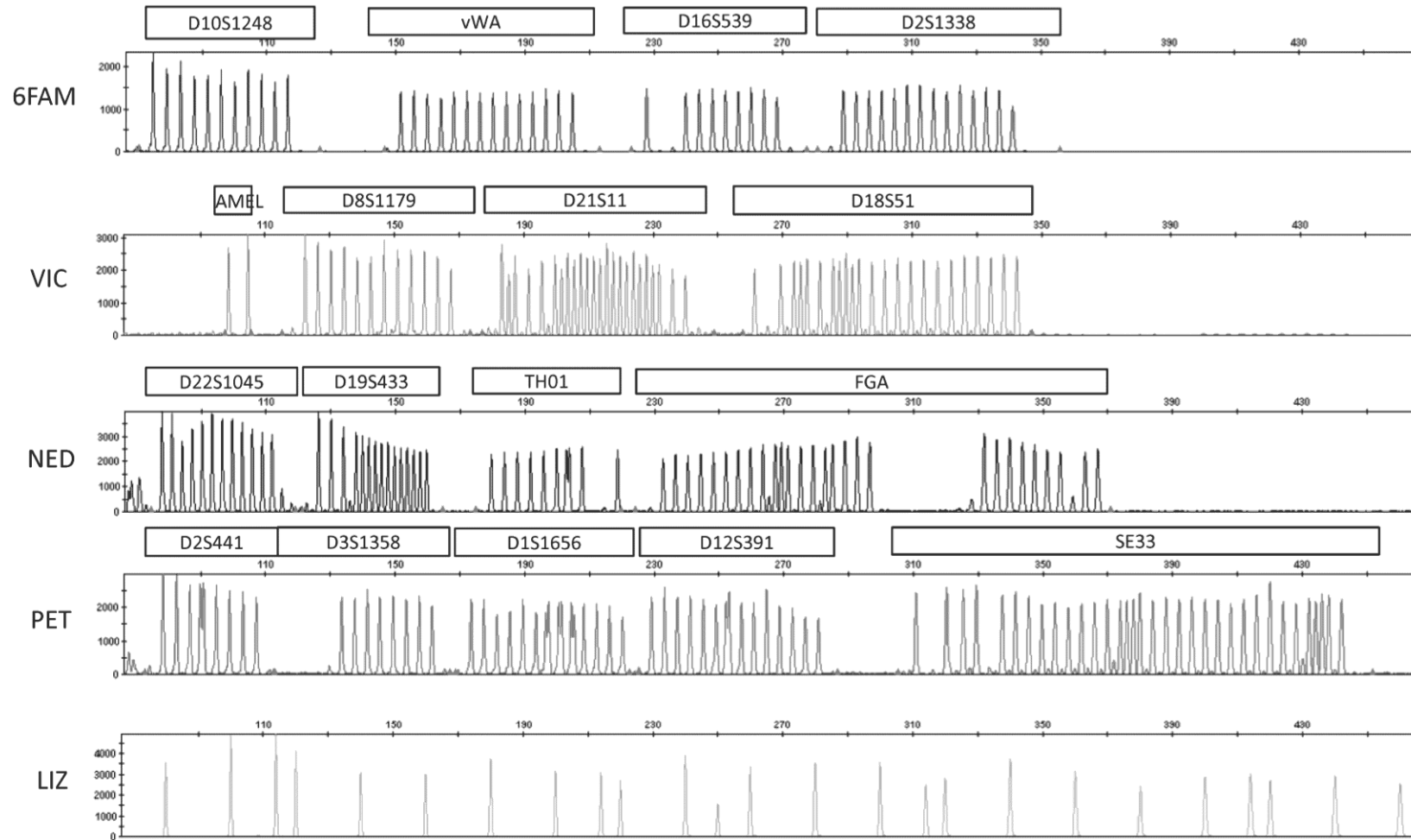


FIG. 12

Dye	Locus	Allele	Length	Offset	Min	Max
6FAM	D10S1248	8	77	1	-0.5	0.5
		9	81	1	-0.5	0.5
		10	85	1	-0.5	0.5
		11	89	1	-0.5	0.5
		12	93	1.1	-0.5	0.5
		13	97	1.1	-0.5	0.5
		14	101	1.1	-0.5	0.5
		15	105	1.1	-0.5	0.5
		16	109	1.1	-0.5	0.5
		17	113	1.2	-0.5	0.5
		18	117	1.2	-0.5	0.5
NED	D22S1045	8	80	1.5	-0.5	0.5
		9	83	1.5	-0.5	0.5
		10	86	1.5	-0.5	0.5
		...	...		...	...

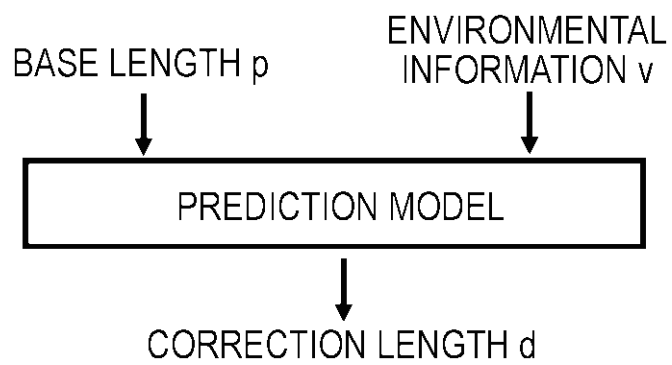
FIG. 13

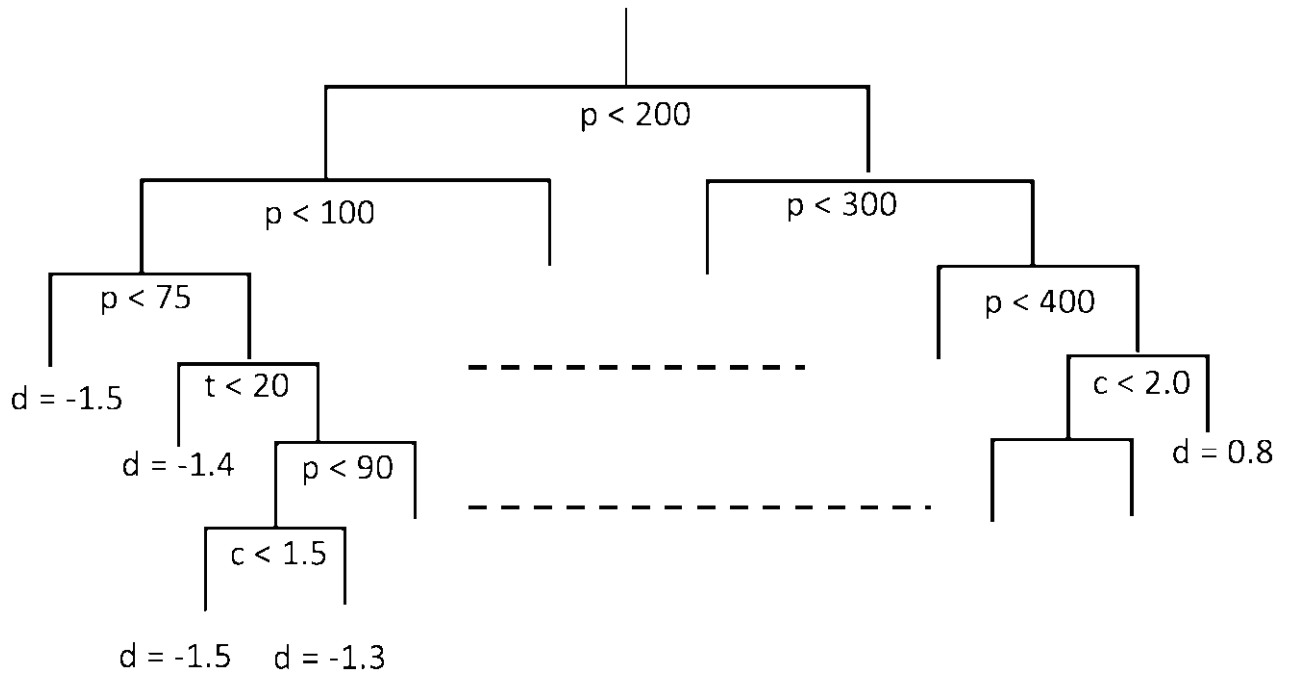
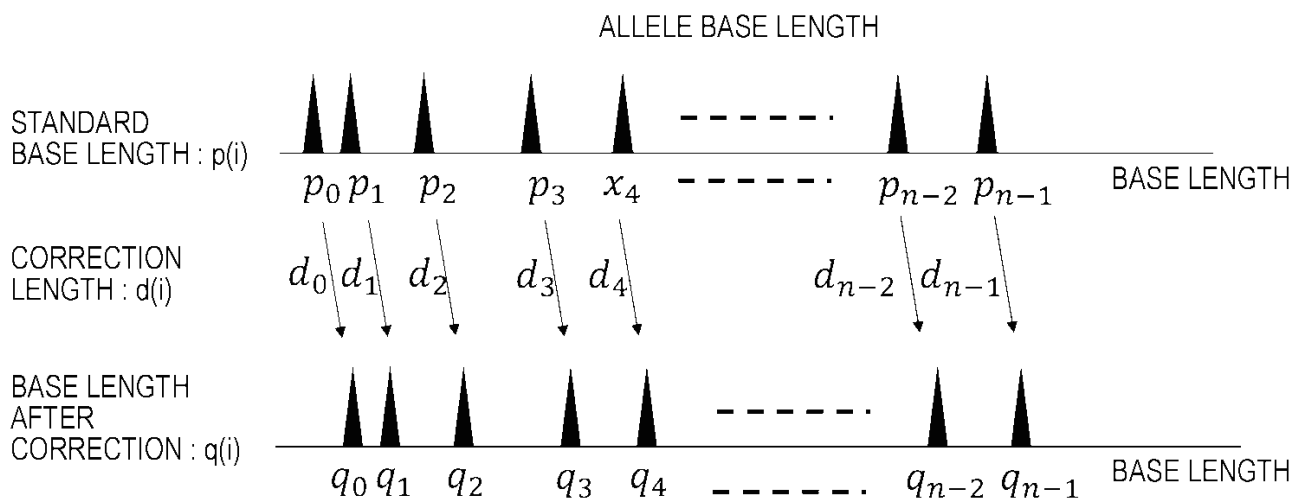
FIG. 14**FIG. 15**

FIG. 16

Dye	Locus	Allele	Length	Offset	Offset2	Offset3	Min	Max
6FAM M	D10S1248	8	77	1	-0.2	-0.3	-0.5	0.5
		9	81	1	-0.2	-0.2	-0.5	0.5
		10	85	1	-0.1	-0.2	-0.5	0.5
		11	89	1	-0.1	-0.1	-0.5	0.5
		12	93	1.1	0.1	0	-0.5	0.5
		13	97	1.1	0.1	0.1	-0.5	0.5
		14	101	1.1	0.1	0.1	-0.5	0.5
		15	105	1.1	0.1	0.2	-0.5	0.5
		16	109	1.1	0.2	0.2	-0.5	0.5
		17	113	1.2	0.2	0.3	-0.5	0.5
		18	117	1.2	0.3	0.4	-0.5	0.5
NED	D22S1045	8	80	1.5	-0.6	-0.8	-0.5	0.5
		9	83	1.5	-0.5	-0.7	-0.5	0.5
		10	86	1.5	-0.5	-0.6	-0.5	0.5
		...	...	...	...	...	...	...

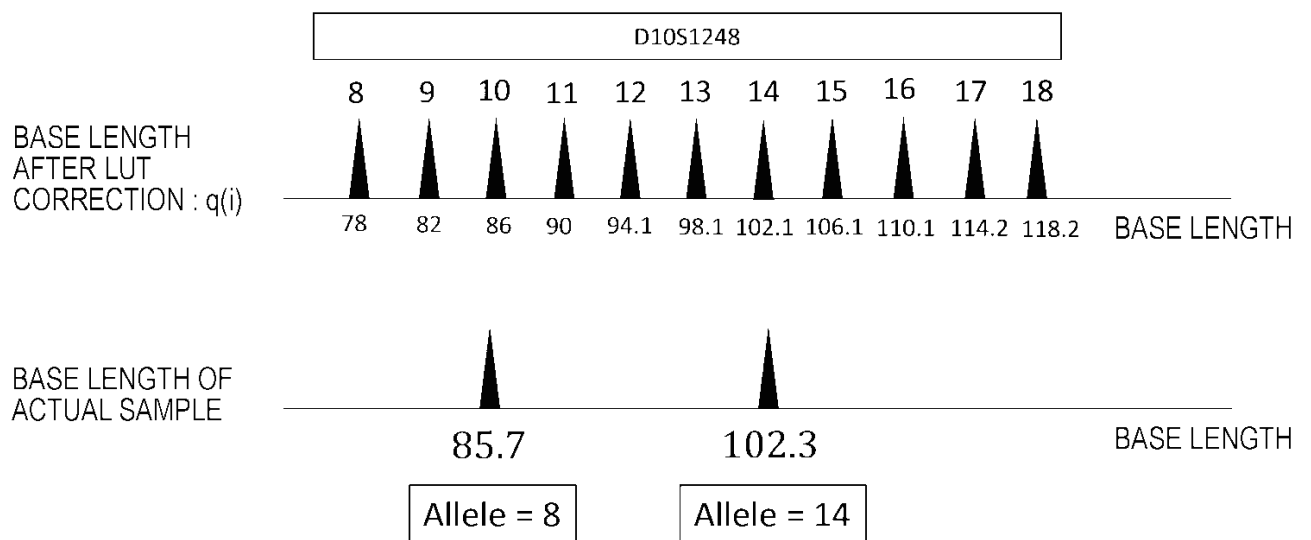
FIG. 17

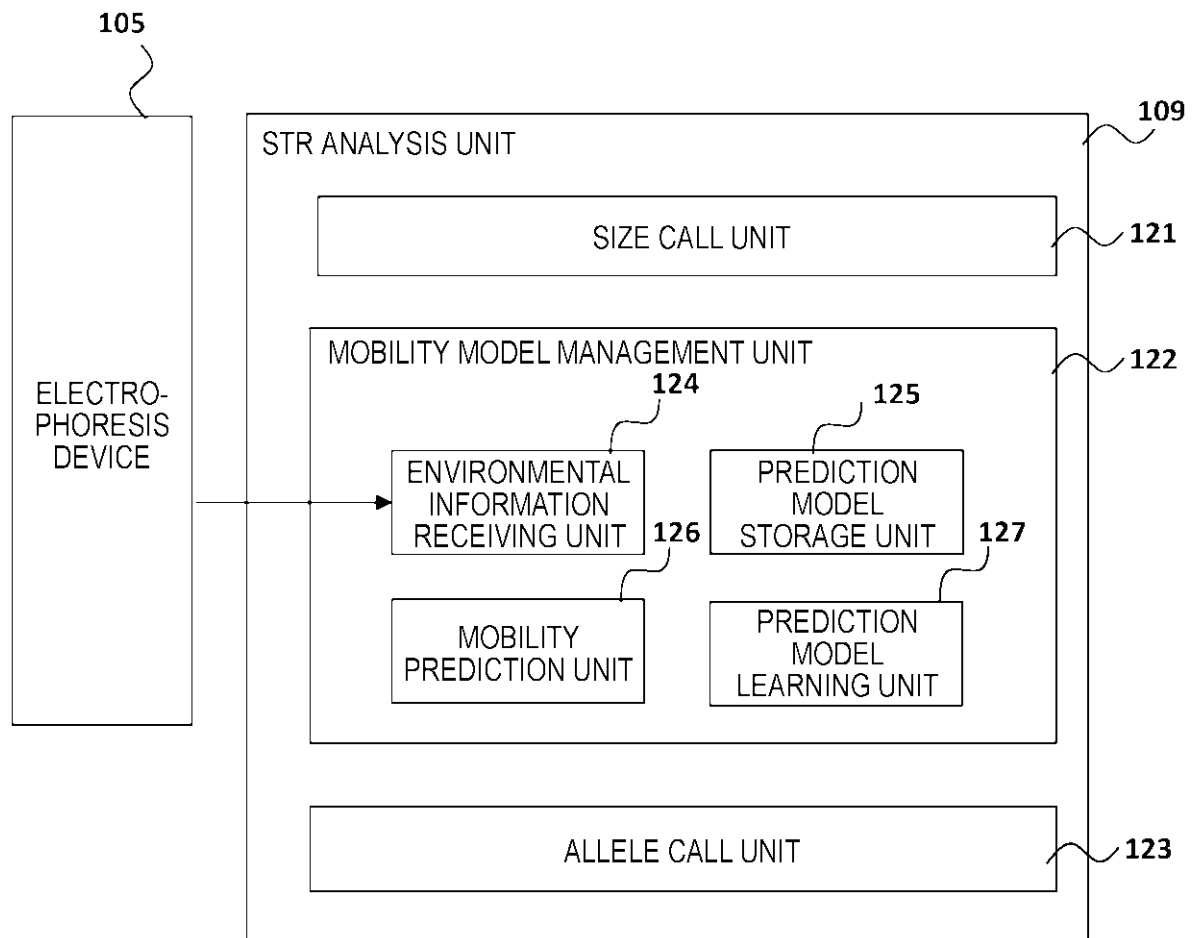
FIG. 18

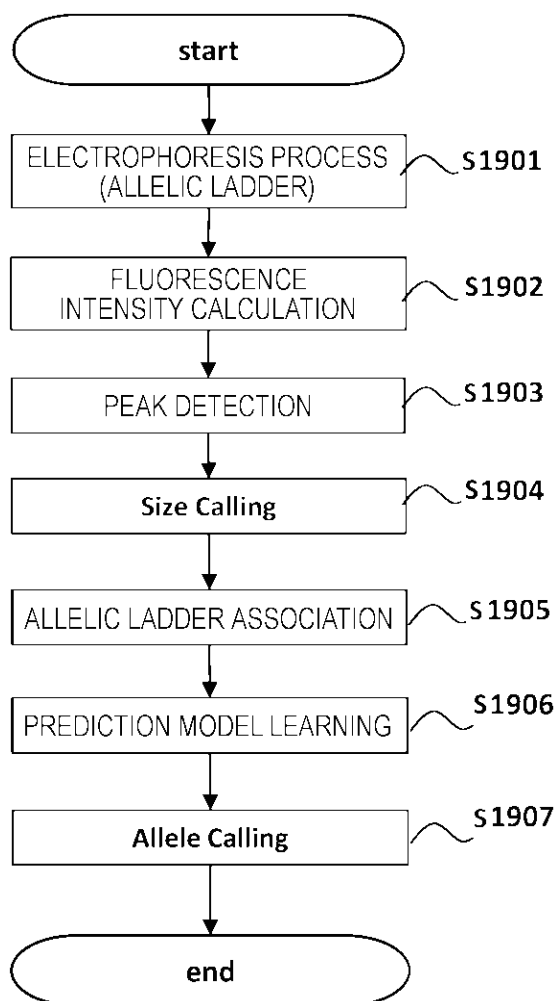
FIG. 19

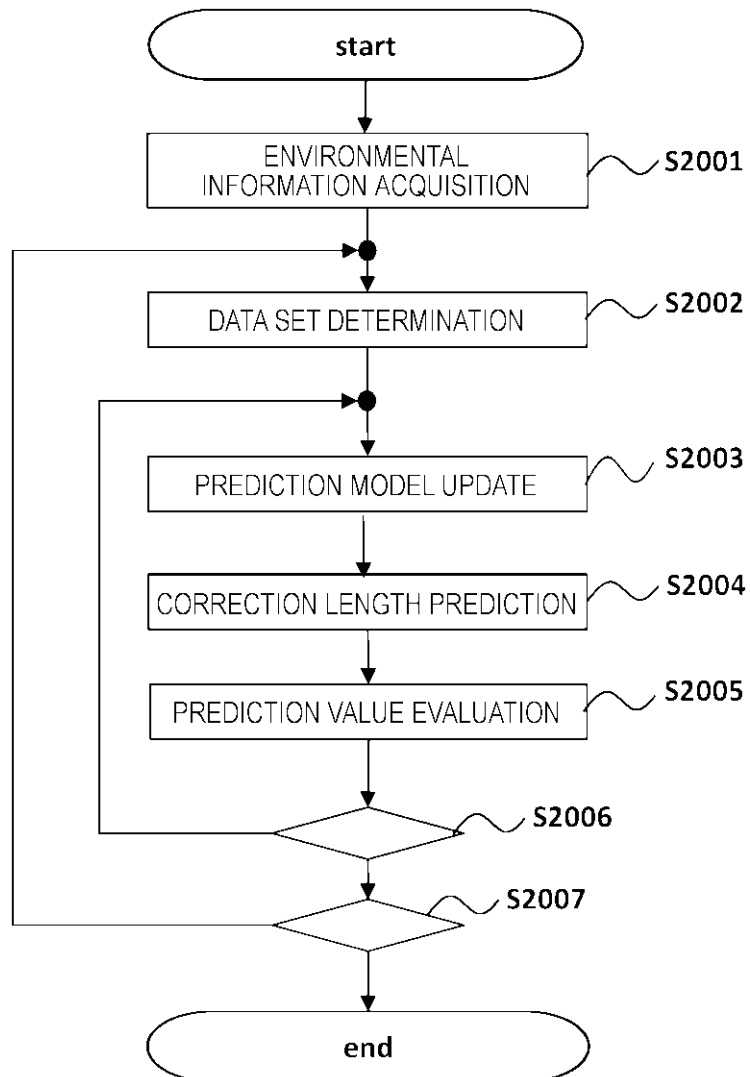
FIG. 20

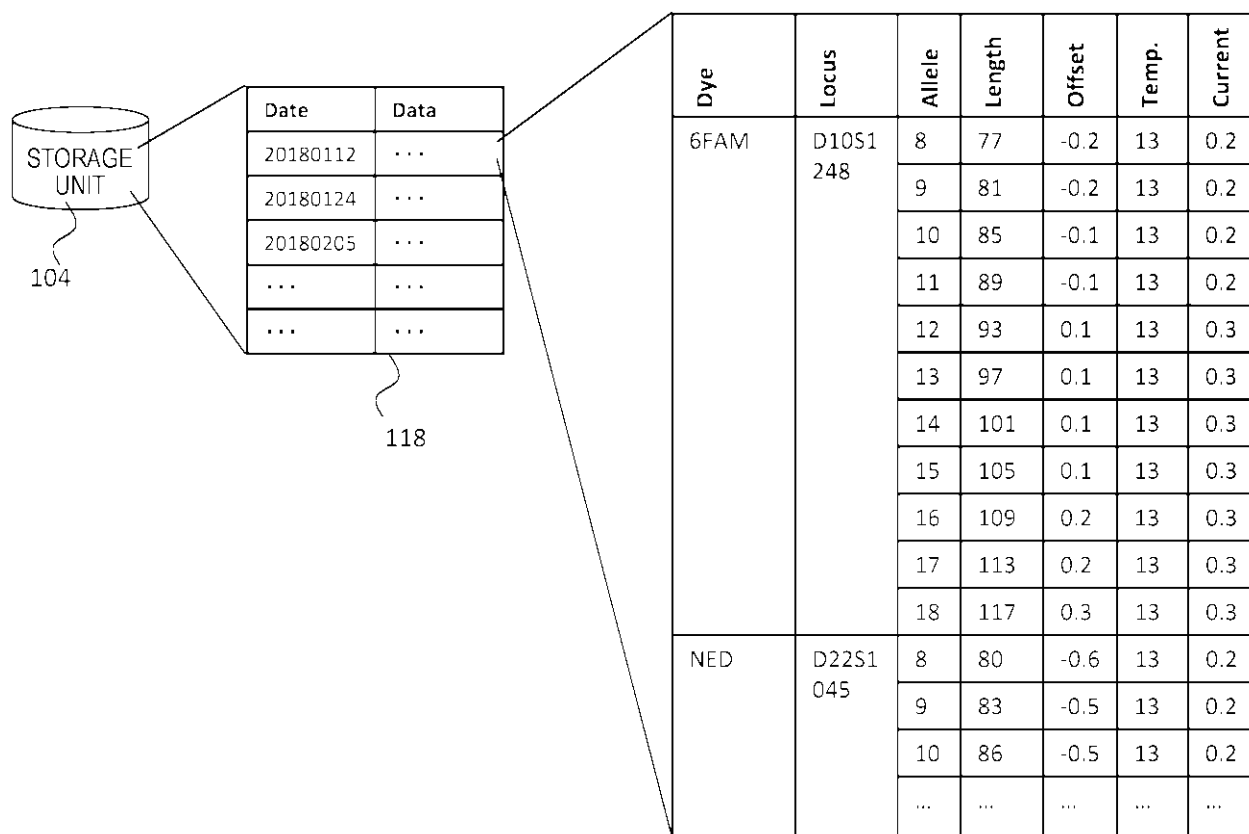
FIG. 21

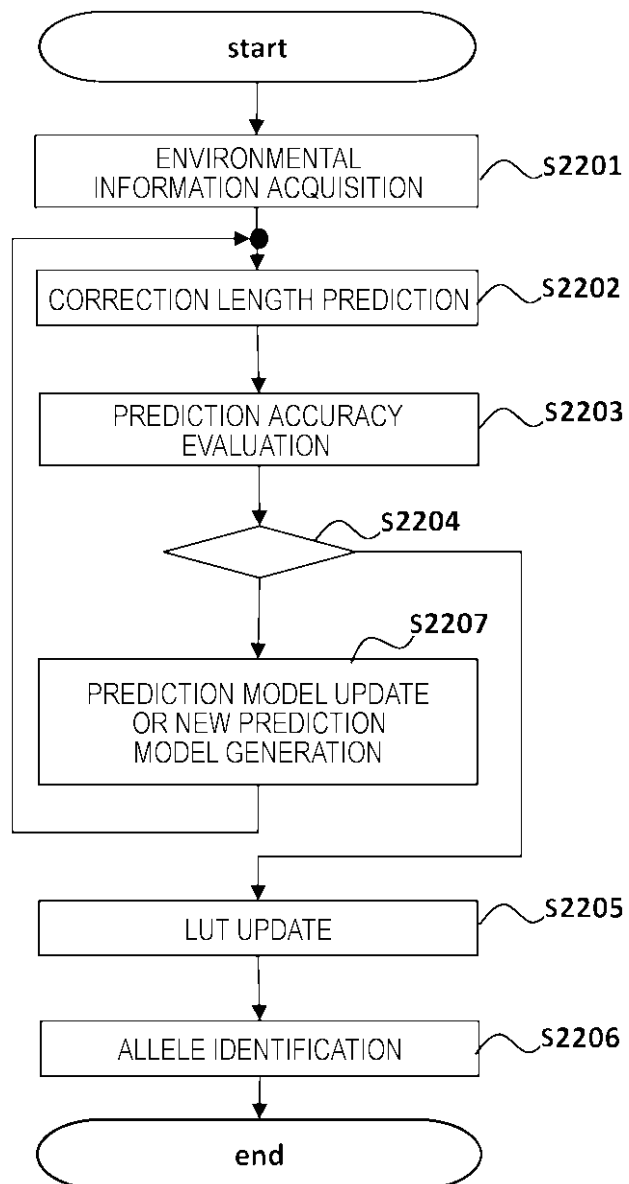
FIG. 22

FIG. 23A

Dye	Length	Min	Max	116
6FAM	100	-0.5	0.5	
	200	-0.5	0.5	
	300	-0.5	0.5	
	400	-0.5	0.5	
VIC	140	-0.5	0.5	
	240	-0.5	0.5	
	340	0.5	0.5	
	440	0.5	0.5	
NED	160	-0.5	0.5	
	260	-0.5	0.5	
	360	-0.5	0.5	
	460	-0.5	0.5	
PET	180	-0.5	0.5	
	280	0.5	0.5	
	380	0.5	0.5	
	480	-0.5	0.5	

FIG. 23B

Dye	Length	Offset	Min	Max	117
6FAM	100	-0.1	-0.5	0.5	
	200	0	-0.5	0.5	
	300	0.2	-0.5	0.5	
	400	0.4	-0.5	0.5	
VIC	140	-0.1	-0.5	0.5	
	240	0.5	-0.5	0.5	
	340	0.6	-0.5	0.5	
	440	0.6	0.5	0.5	
NED	160	0.1	-0.5	0.5	
	260	0.3	-0.5	0.5	
	360	0.6	-0.5	0.5	
	460	0.8	-0.5	0.5	
PET	180	-0.3	-0.5	0.5	
	280	0.1	-0.5	0.5	
	380	0.2	0.5	0.5	
	480	0.4	-0.5	0.5	