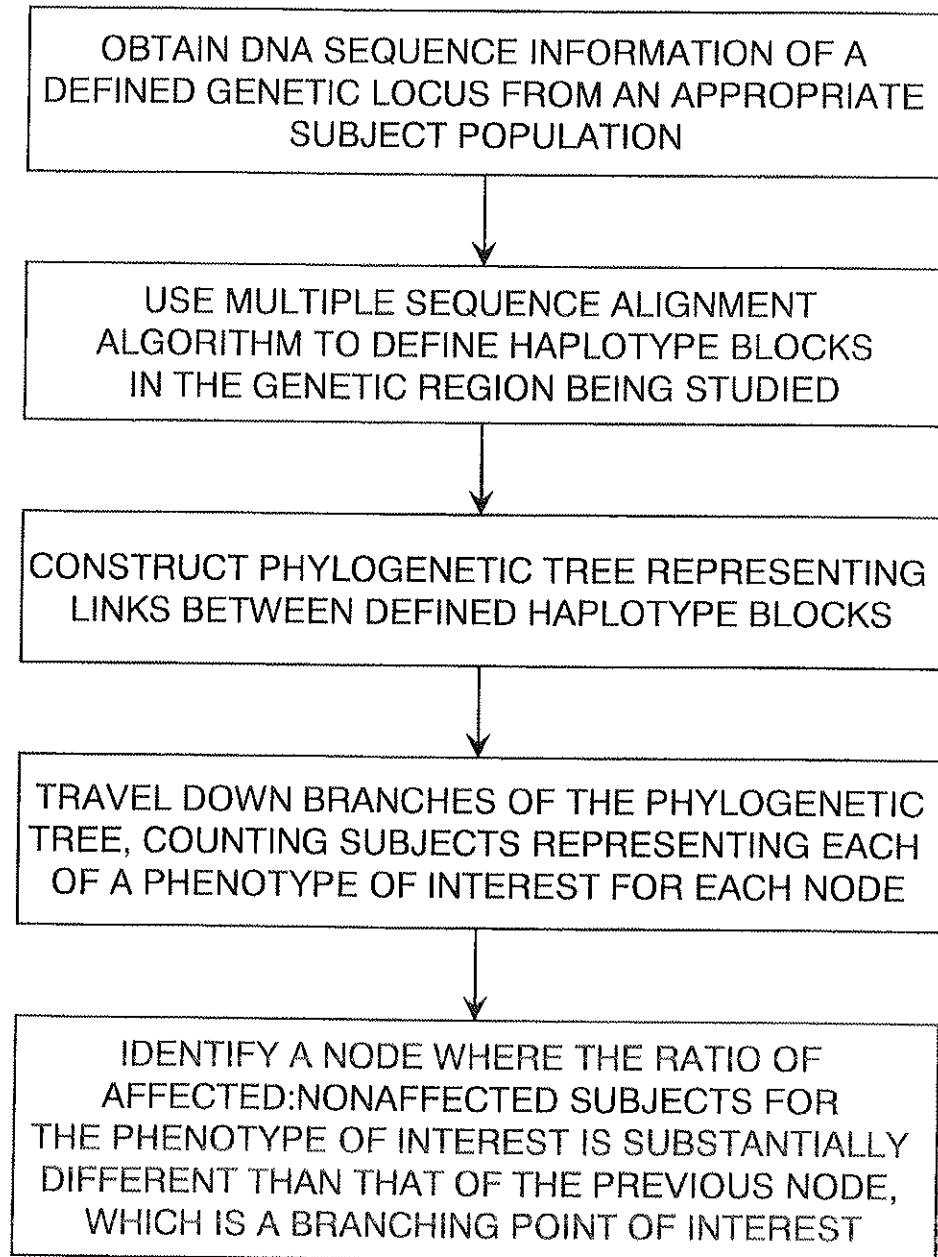
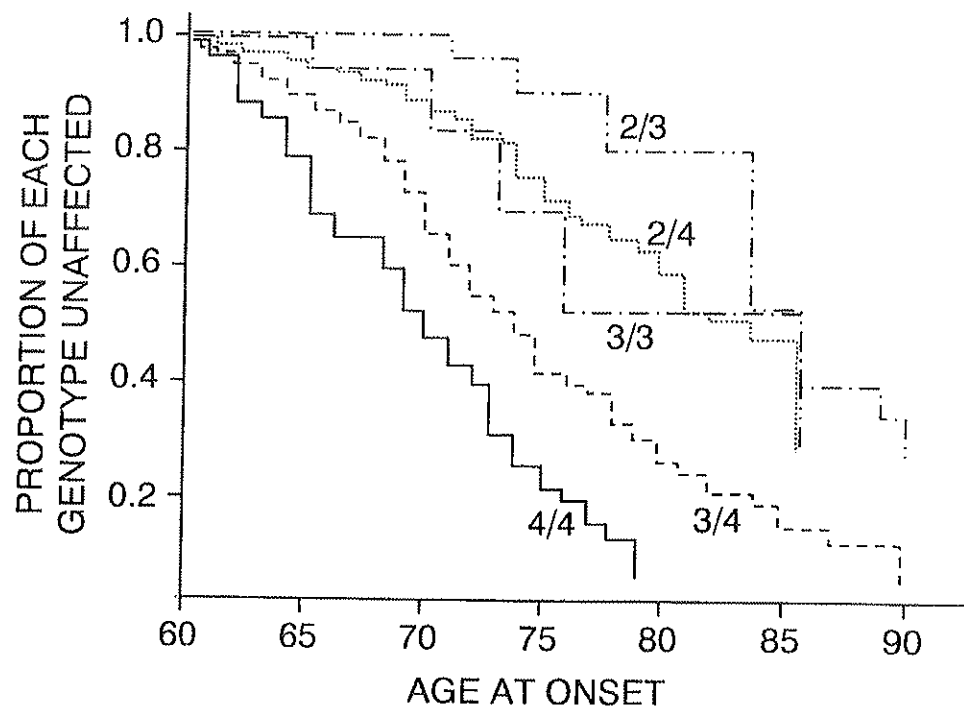
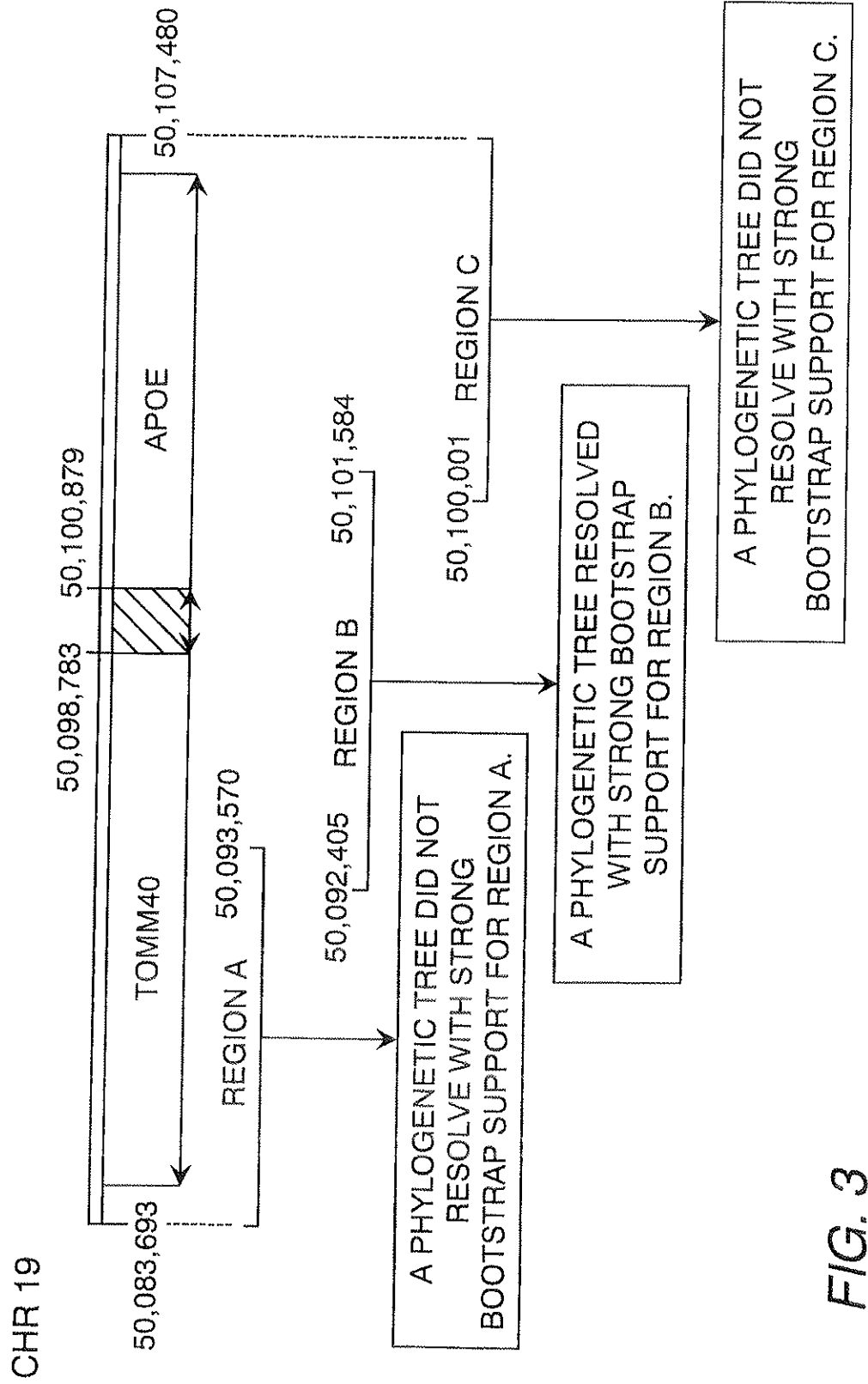
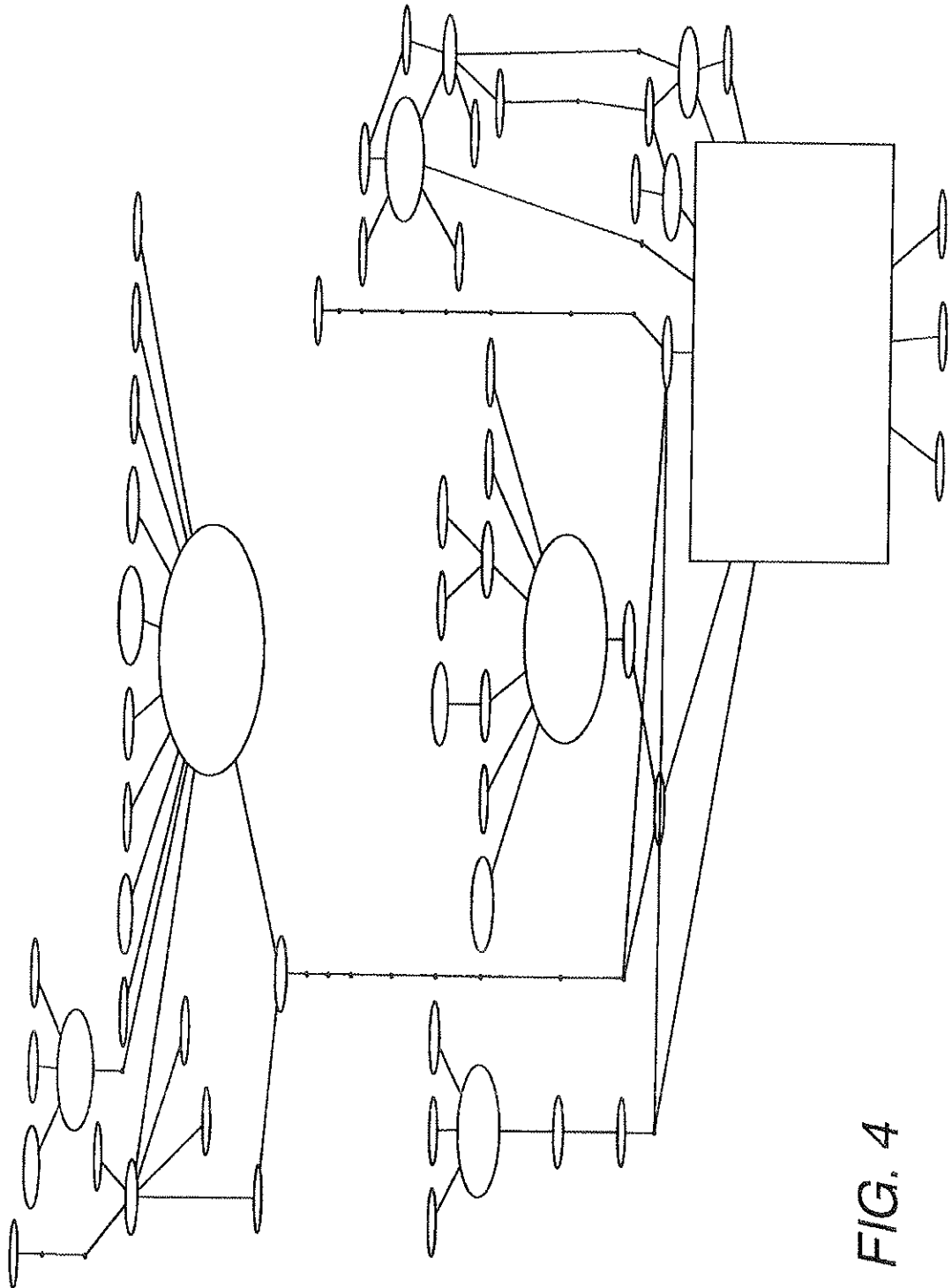
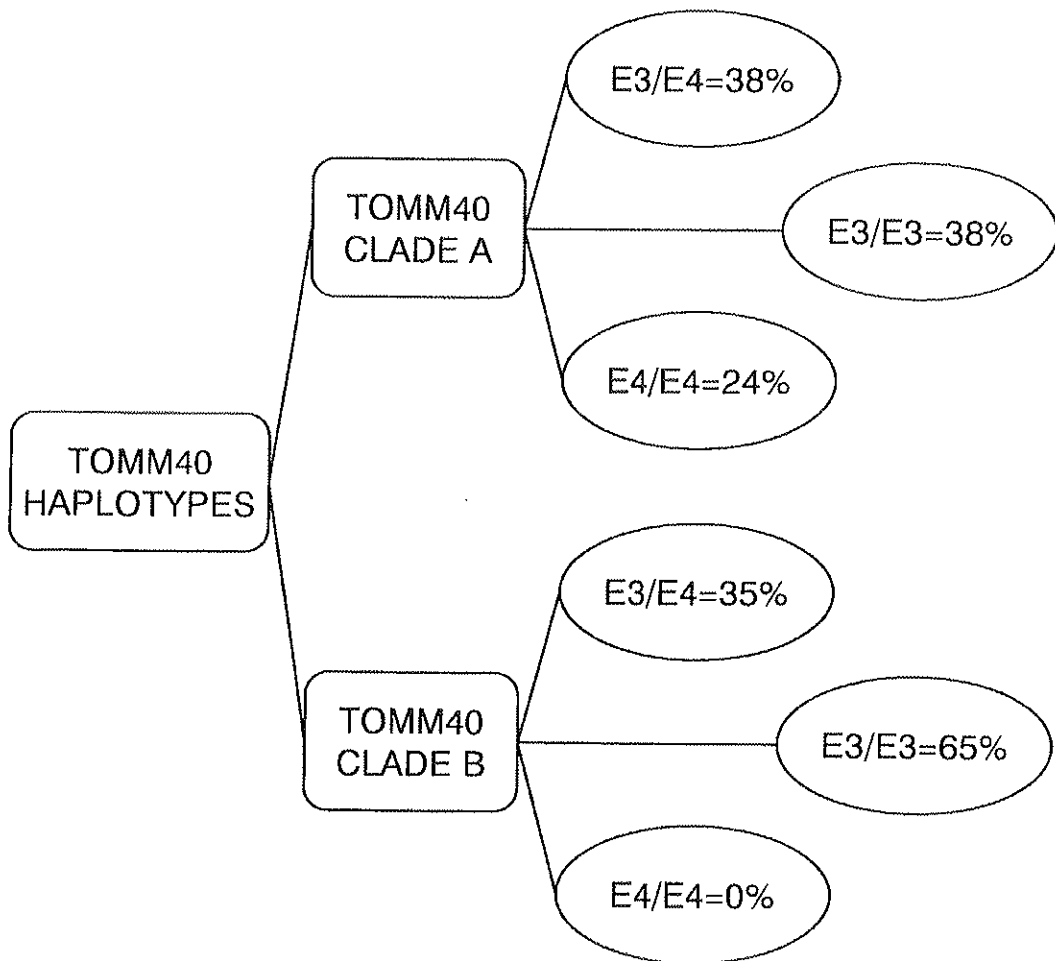


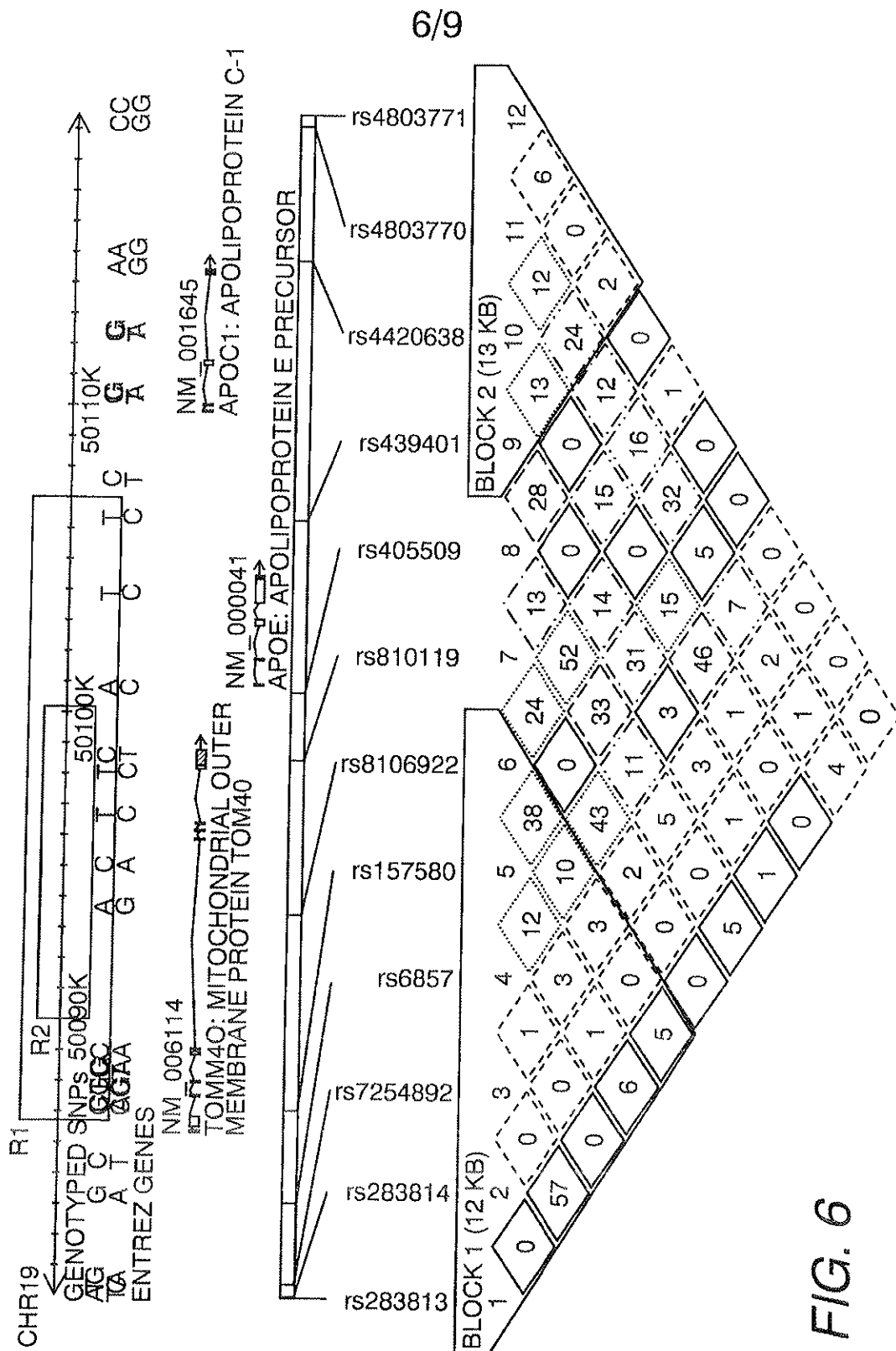
*FIG. 1*

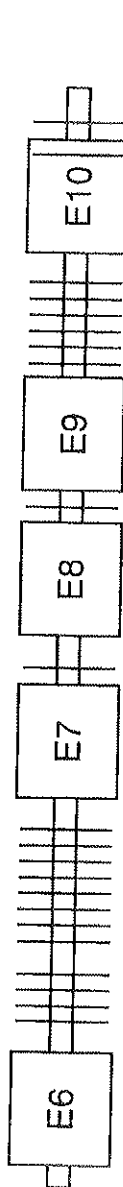
*FIG. 2*





*FIG. 5*





ID	APOE	CLADE	VARIANTS															
			g	-	C	t	A	A	t	g	c	g	c	g	c	A	g	g
07_17	3/3	B																
07_54	3/3	B																
07_07	3/3	B																
95_21	3/3	B																
96_13	3/3	B																
07_29	2/4	B	a	-	-	c	-	-	-	-	-	-	-	-	-	-	-	-
06_11	2/4	A	a	T	T	c	c	T	-	c	a	t	.	t	a	g	G	t
07_29	2/4	A	a	T	T	c	c	T	T	c	a	t	.	t	a	g	G	t
02_41	3/3	A	a	T	T	c	c	T	T	c	a	t	.	t	a	g	G	t
06_11	2/4	A	a	T	T	c	c	T	T	c	a	T	.	t	a	g	G	.
89_294	2/3	A	a	T	T	c	c	T	T	c	a	T	.	t	a	g	G	.
07_03	3/3	A	a	T	T	c	c	T	T	c	a	t	a	t	a	g	G	t
98_32	3/3	A	a	T	T	c	c	T	T	c	a	t	a	t	a	g	G	t
93_022	3/3	A	a	T	T	c	c	T	T	c	a	t	a	t	a	g	G	t
90_218	3/3	A	a	T	T	c	c	T	T	c	a	t	a	t	a	g	G	t
89_294	2/3	A	a	T	T	c	c	T	T	c	a	t	a	t	a	g	G	t
96_44	3/3	A	a	T	T	c	c	T	T	c	a	T	-	c	a	g	G	t
94_27	3/3	A	a	C	T	c	c	T	T	c	a	T	T	c	a	g	G	t
95_21	3/3	A	a	C	T	c	c	T	T	c	a	T	T	c	a	g	G	t

FIG. 7A

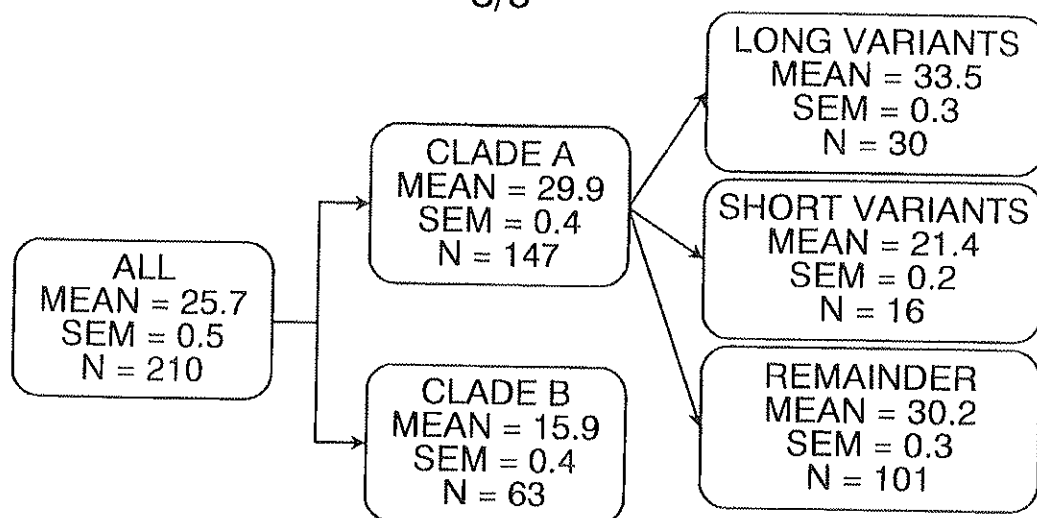


FIG. 7B

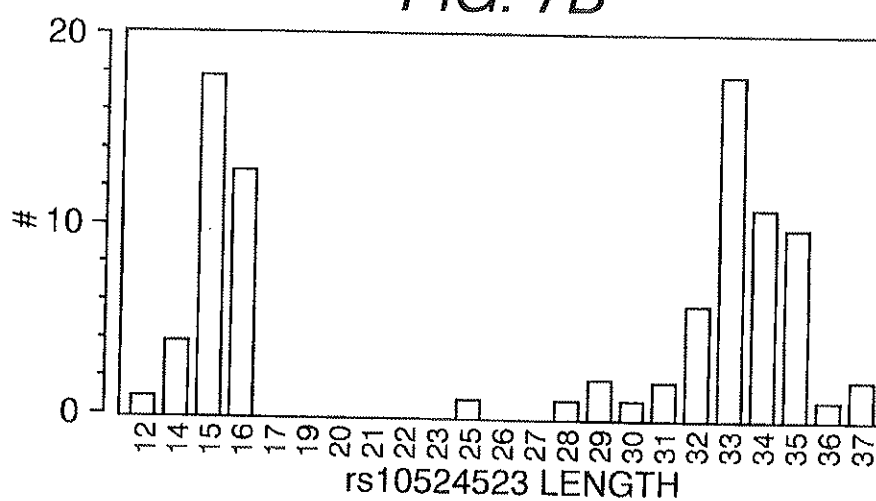


FIG. 8A

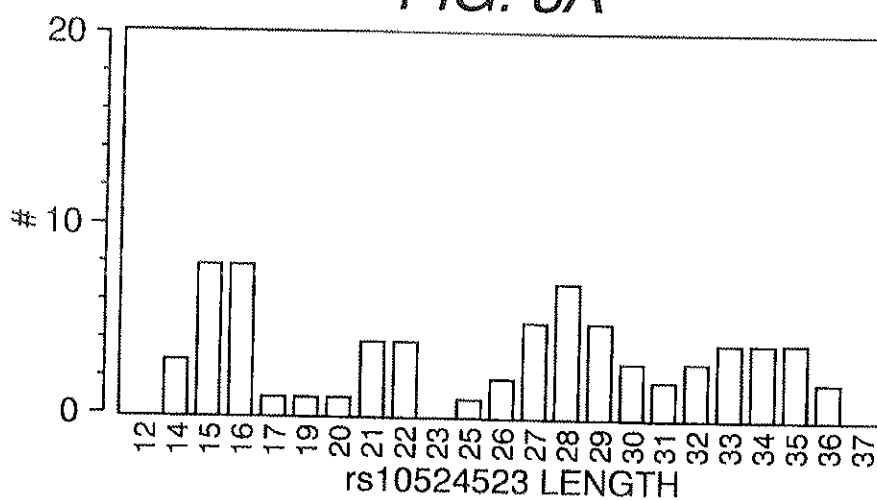


FIG. 8B

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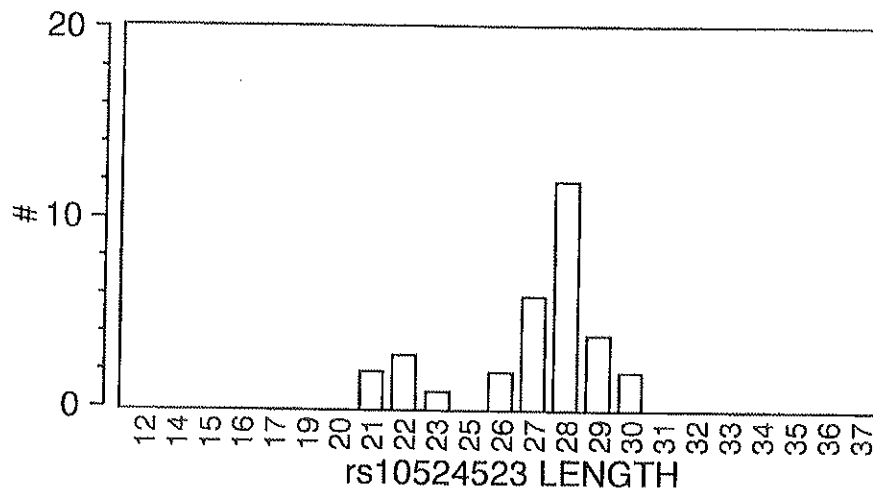


FIG. 8C

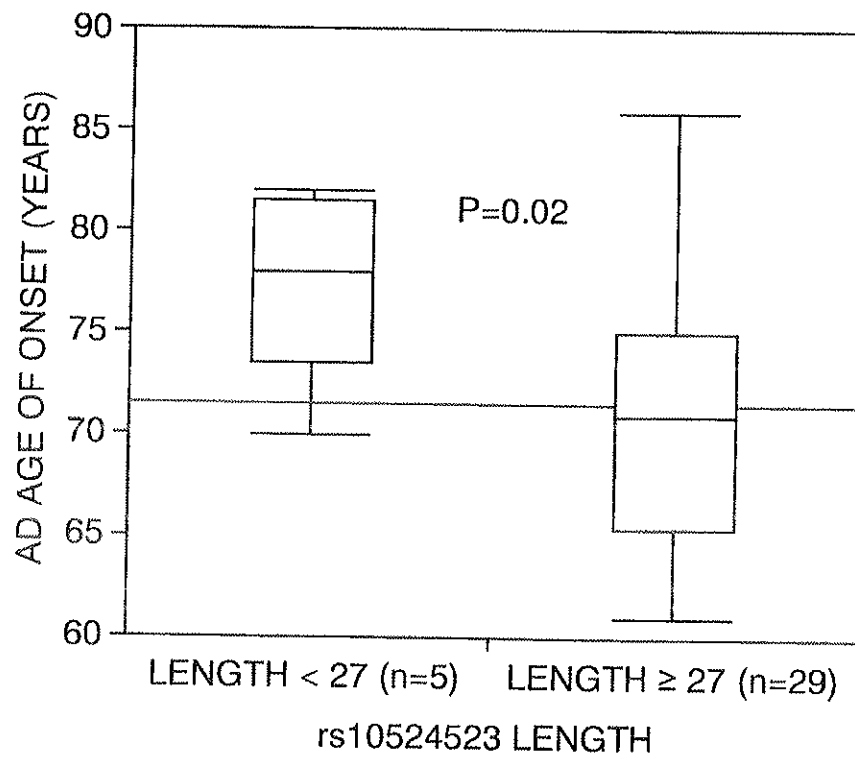


FIG. 9