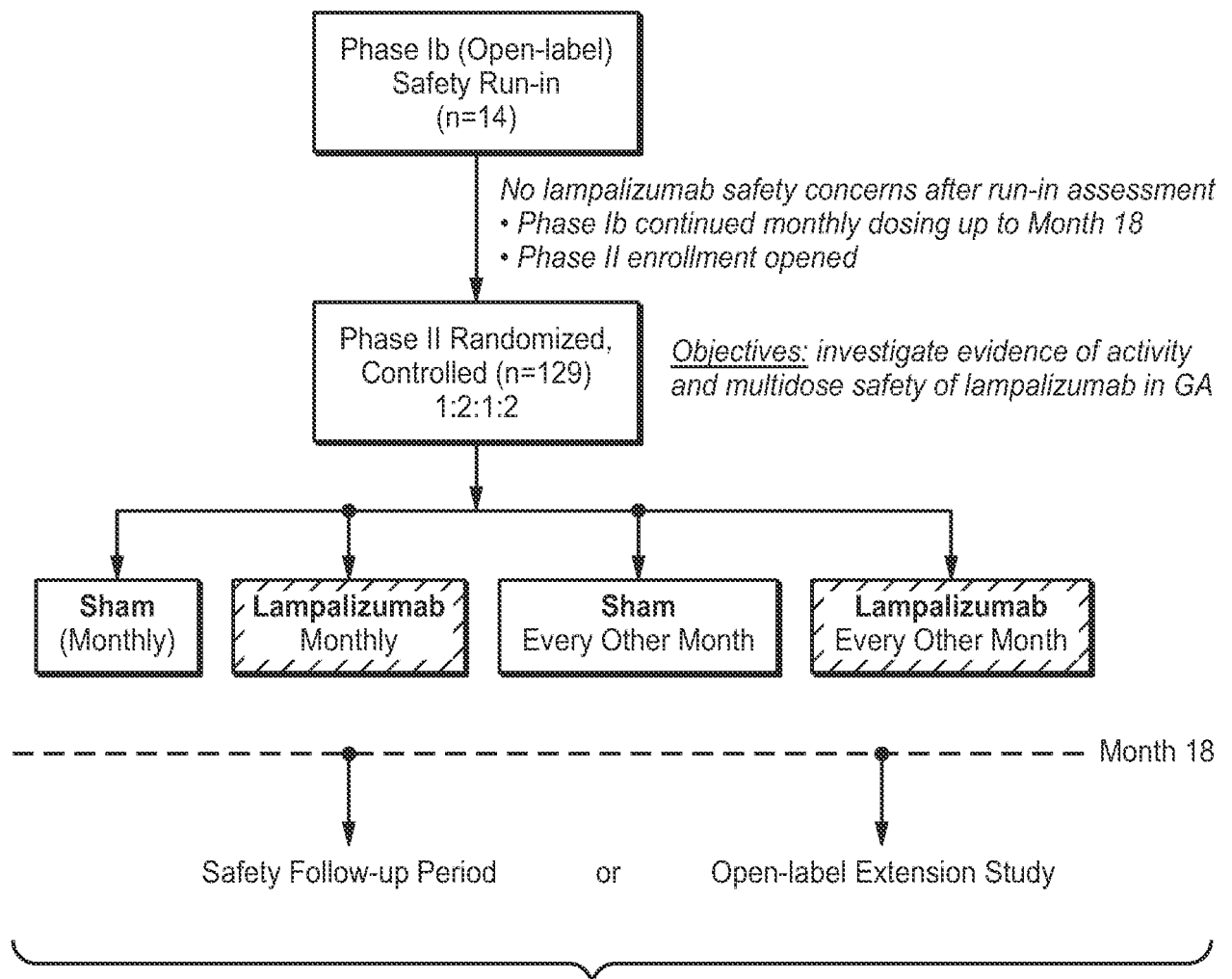


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**FIG. 1**

Characteristic	Sham Monthly (n=20)	Sham Every Other Month (n=20)	FCFD4514S Monthly (n=42)	FCFD4514S Every Other Month (n=41)	All Patients (n=123)
Demographics					
Age (year), mean (SD)	78.4 (8.3)	78.6 (6.3)	80.4 (7.2)	77.2 (7.3)	78.7 (7.3)
Sex – Female, n (%)	11 (55.0%)	13 (65.0%)	28 (66.7%)	18 (43.9%)	70 (56.9%)
Race – White, n (%)	20 (100.0%)	20 (100.0%)	40 (95.2%)	41 (100.0%)	121 (98.4%)
Study Eye Baseline, mean (SD)					
VA (letters)	45.1 (13.8)	46.7 (13.2)	47.6 (12.8)	49.5 (11.0)	47.7 (12.4)
Total area of GA (mm ²)	8.880 (4.216)	8.827 (4.244)	8.555 (3.863)	8.560 (4.897)	8.654 (4.298)

VA = Visual Acuity; GA = Geographic Atrophy; DA = Disc Area (1 DA = 2.54 mm²)

FIG. 2A

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Baseline Characteristics	CFI Risk Allele Carrier		No CFI Risk Allele	
	Sham Pooled (n=15)	afD 1M (n=19)	Sham Pooled (n=18)	afD 1M (n=12)
Age, mean (SD)	79 (6)	81 (6)	78 (8)	81 (7)
Female, n (%)	8 (53%)	13 (68%)	12 (67%)	7 (58%)
White, n (%)	15 (100%)	19 (100%)	18 (100%)	11 (92%)
VA (letters), mean (SD)	48.3 (11.3)	48.3 (13.5)	44.7 (14.8)	55.5 (9.3)
Snellen equivalent, median (range)	20/125 (20/50 ~ 20/250)	20/100 (20/50 ~ 20/400)	20/100~20/160 (20/50 ~ 20/400)	20/63 (20/50~20/160)
GA (mm ²), mean (SD)	8.9 (4.1)	9.1 (4.3)	9.6 (4.8)	8.6 (4.1)

FIG. 2B

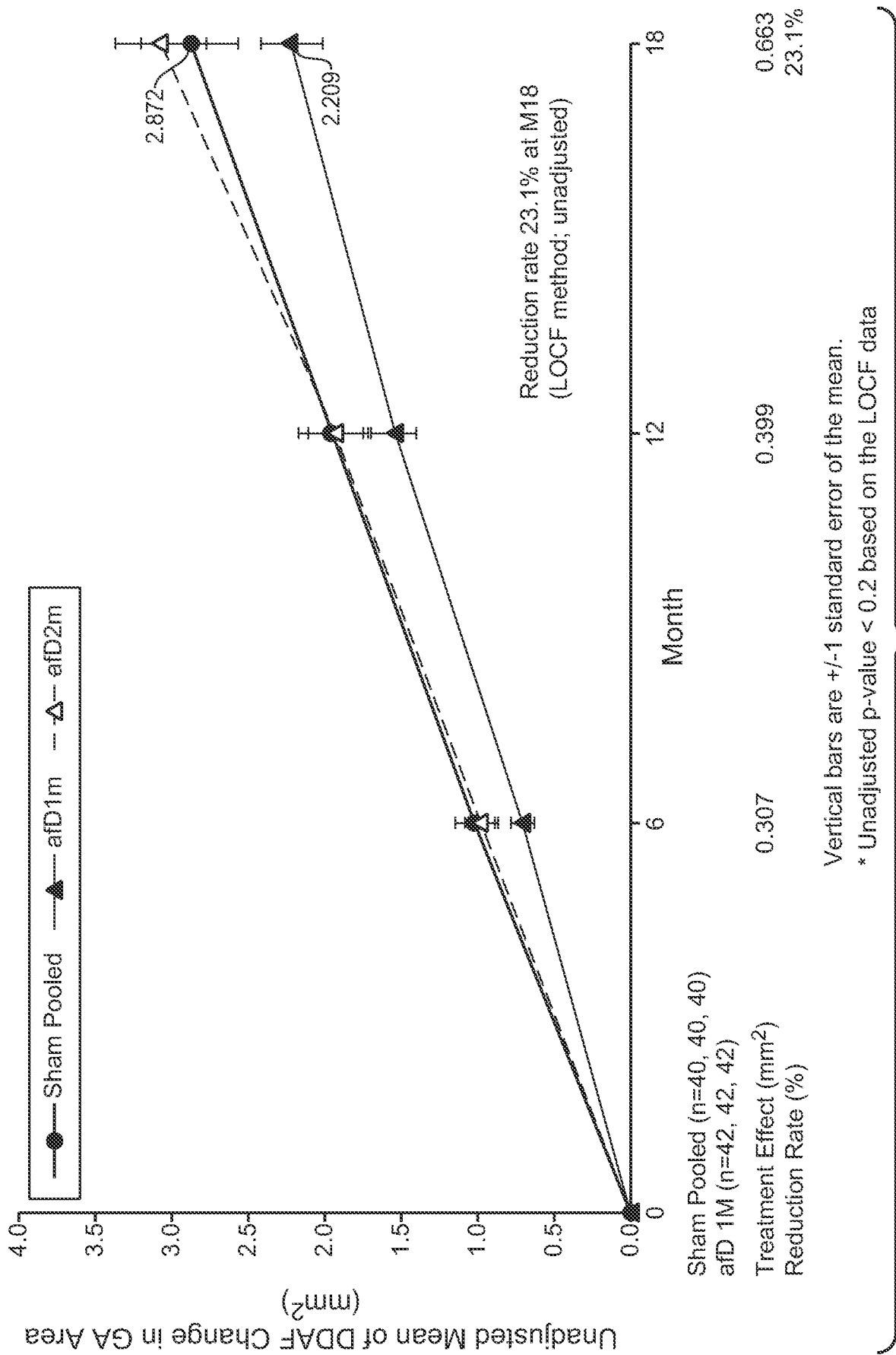


FIG. 3A

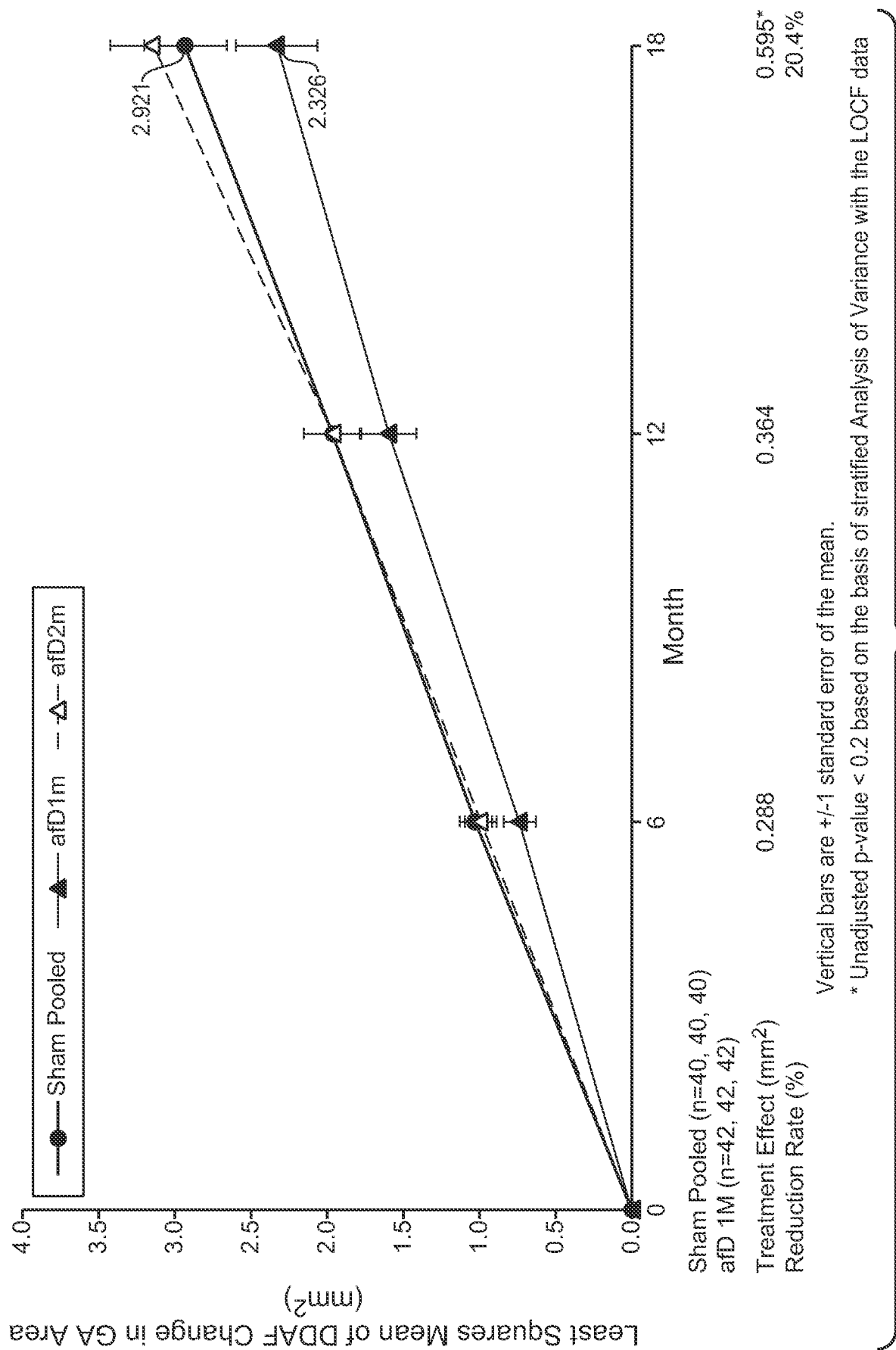


FIG. 3B

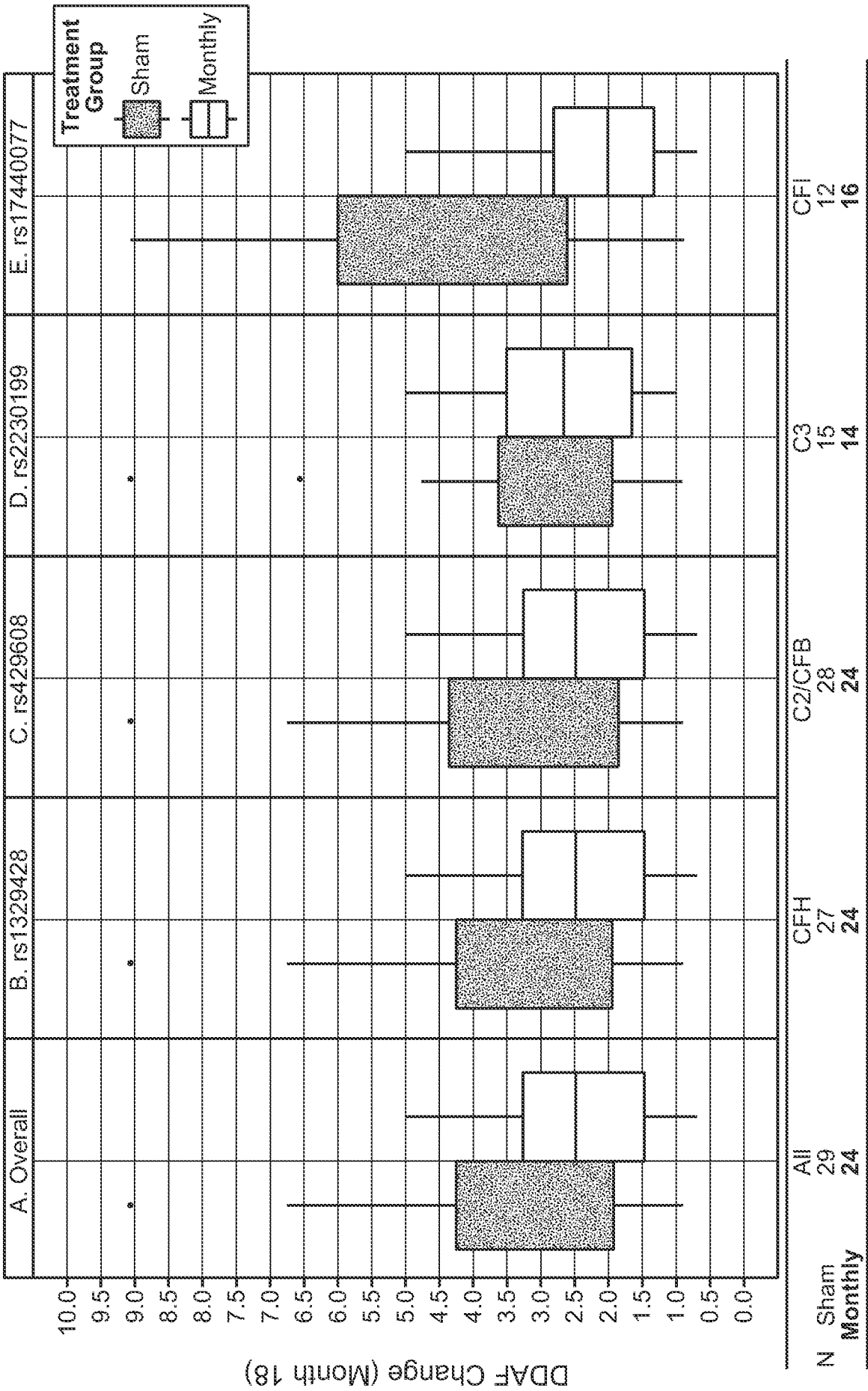


FIG. 4

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Gene	SNP/Genotype Risk Allele	Sham			Monthly			% Reduction in Monthly vs Sham (Mean of Sham-Mean of Monthly/ Mean of Sham)
		N	Mean Change in GA Area (mm ²)	STDEV	N	Mean Change in GA Area (mm ²)	STDEV	
C3	<u>All</u>	29	3.36	2.07	24	2.46	1.11	26.99
	rs2230199							
	G/G	2	1.76	1.15	2	2.90	0.94	-64.96
	C/G	13	3.44	2.23	12	2.70	1.25	21.65
CFH	C/C	14	3.52	2.02	10	2.08	0.94	41.00
	rs1329428							
	G/G	21	3.47	2.18	16	2.33	1.16	32.84
	A/G	6	3.13	2.01	8	2.71	1.05	13.41
C2-CFB	A/A	2	2.97	1.82	0	NA	NA	
	rs429608							
	G/G	21	3.45	2.21	19	2.44	1.20	29.15
	A/G	7	3.24	1.84	5	2.50	0.84	22.65
CFI	A/A	1	2.48	NA	0	NA	NA	
	rs17440077							
	G/G	1	2.77	NA	2	3.03	0.76	-9.21
	A/G	11	4.35	2.44	14	2.06	1.20	52.66
	A/A	17	2.76	1.64	8	3.01	0.76	-8.92

FIG. 5

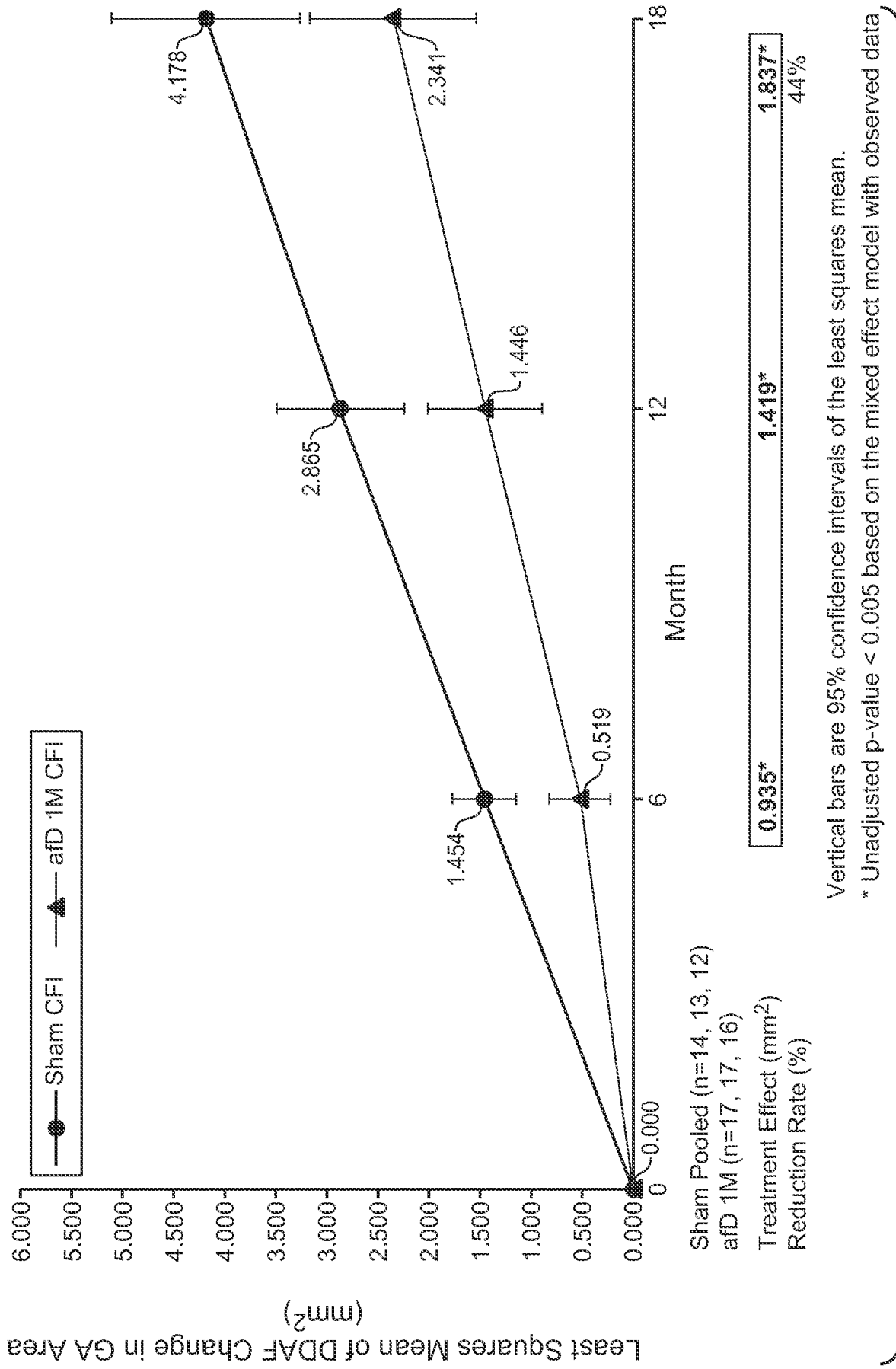


FIG. 6

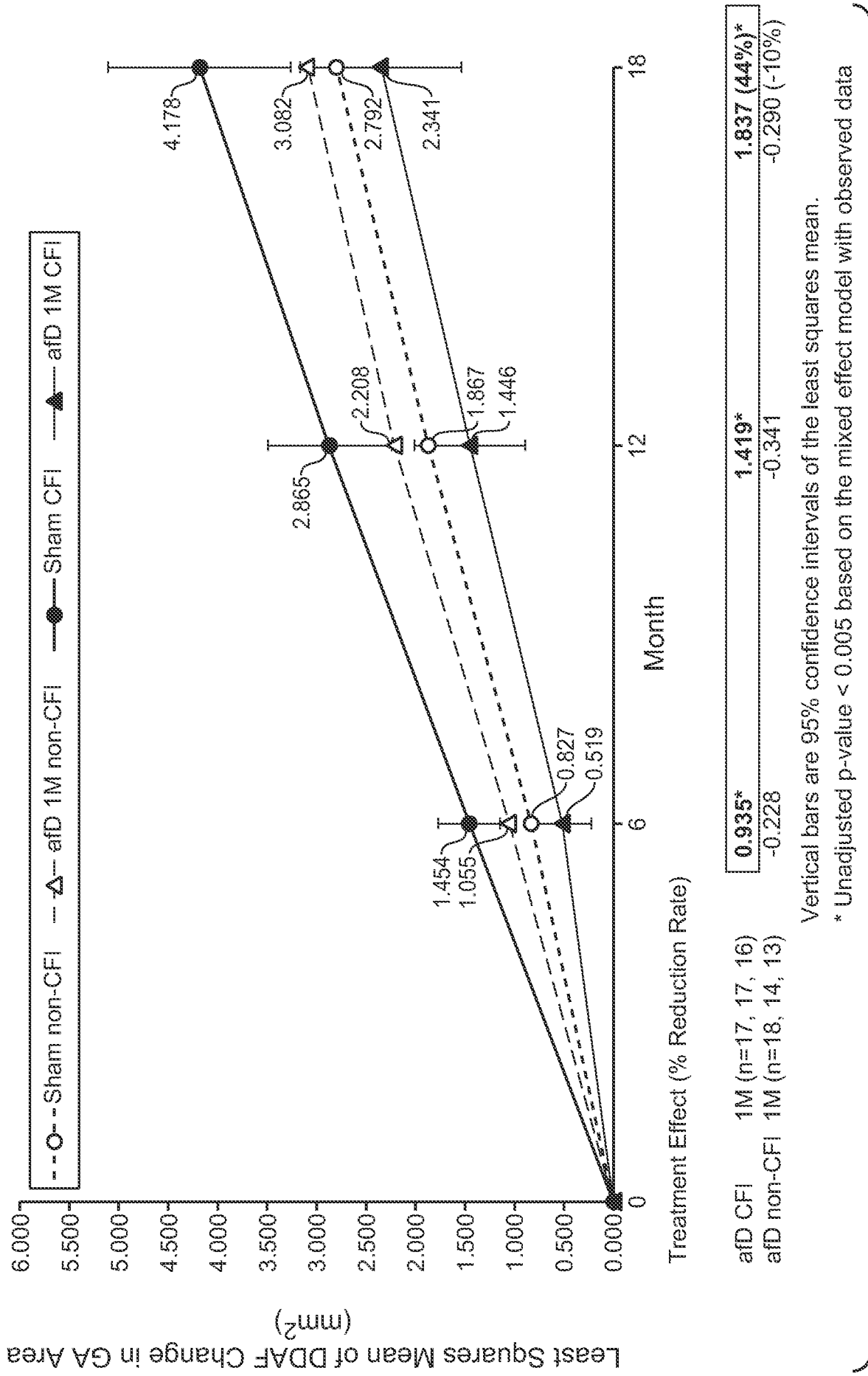


FIG. 7

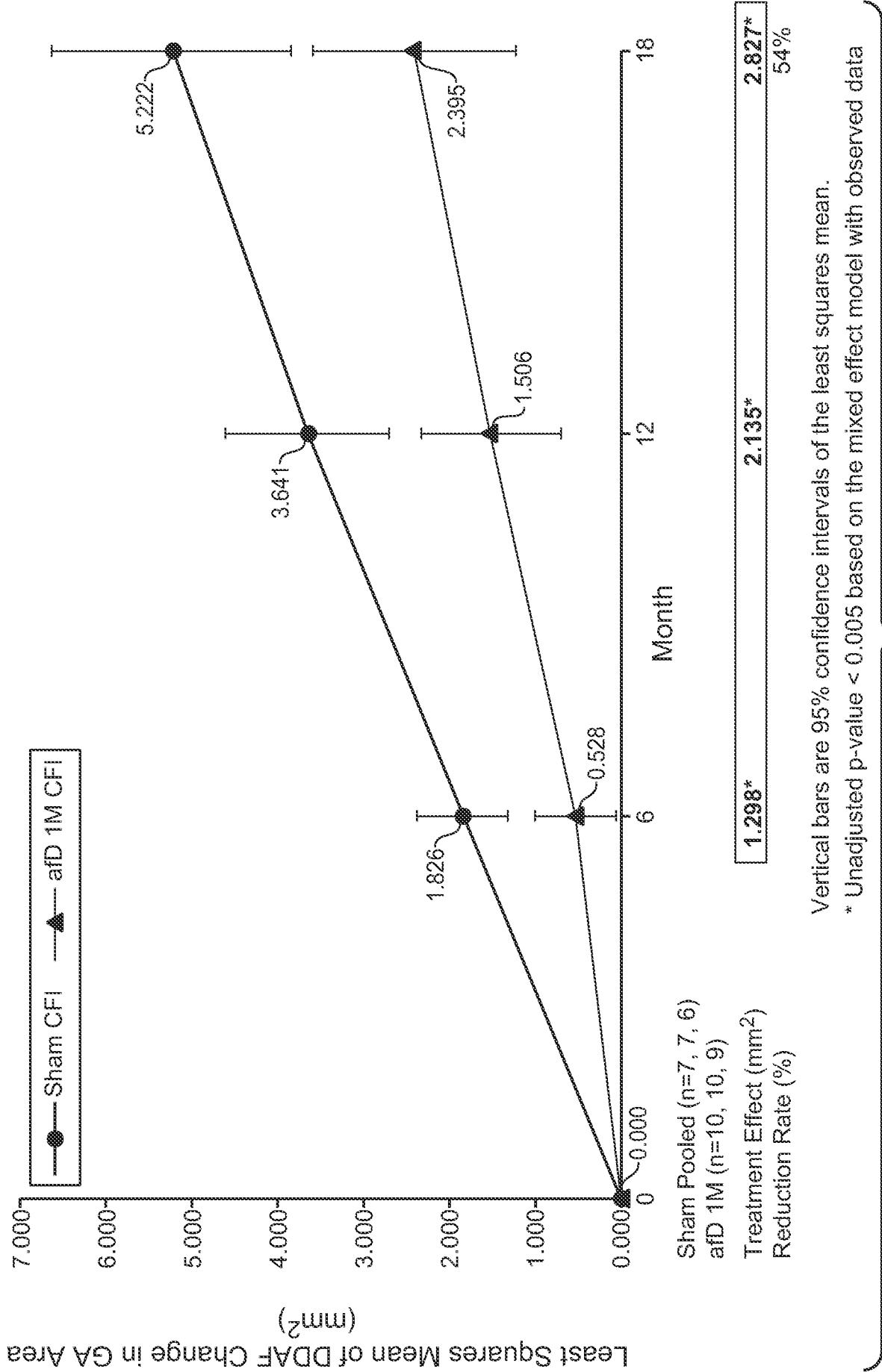


FIG. 8

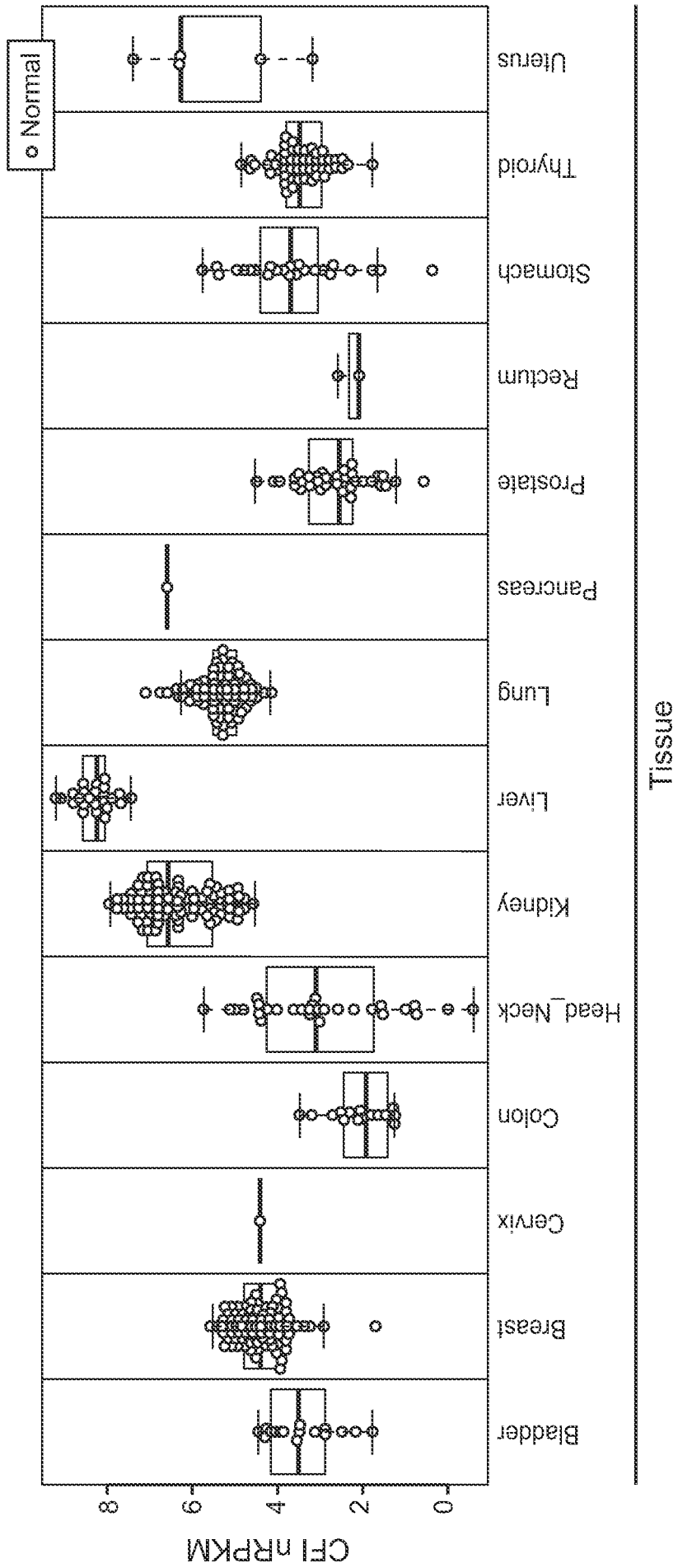


FIG. 9

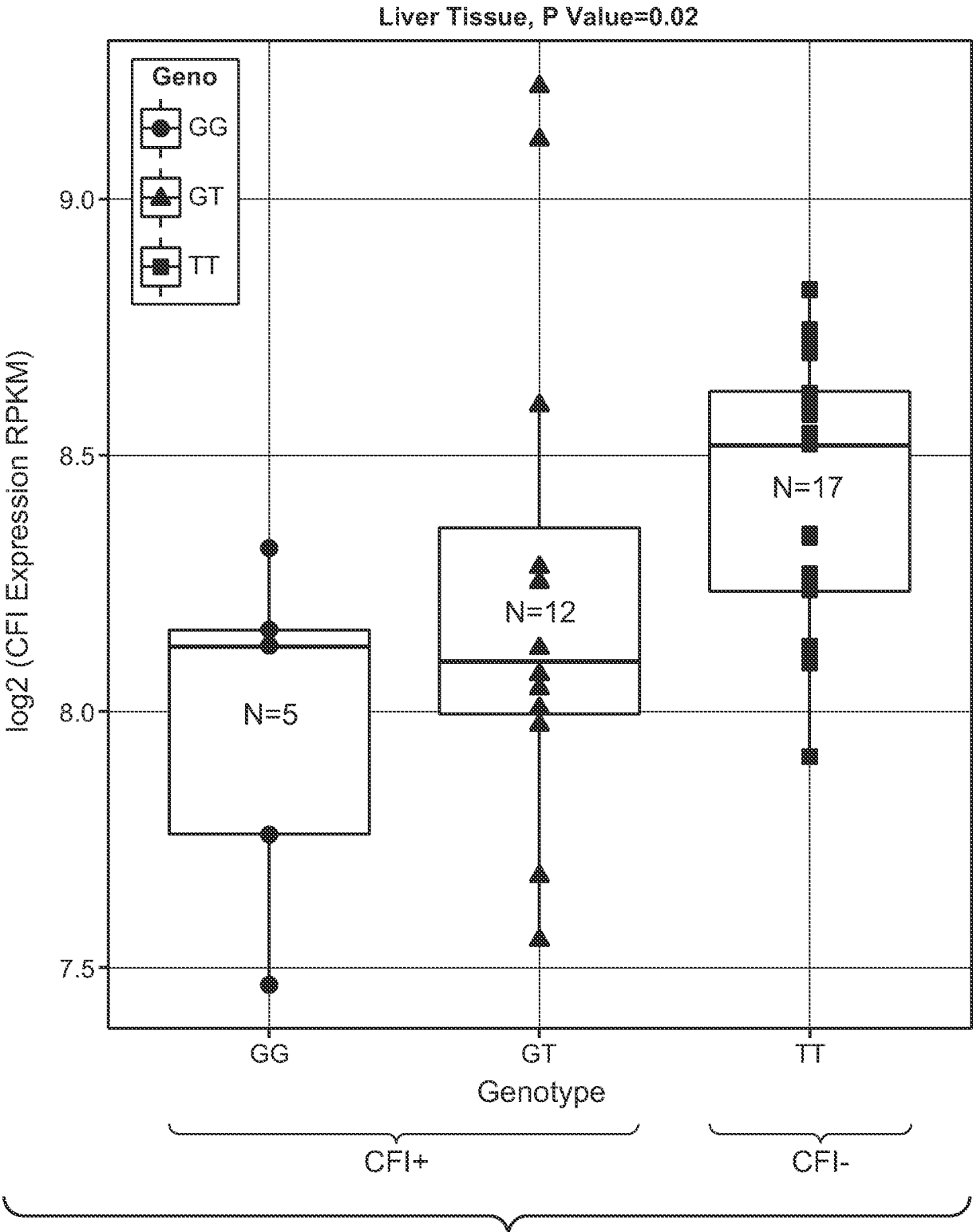
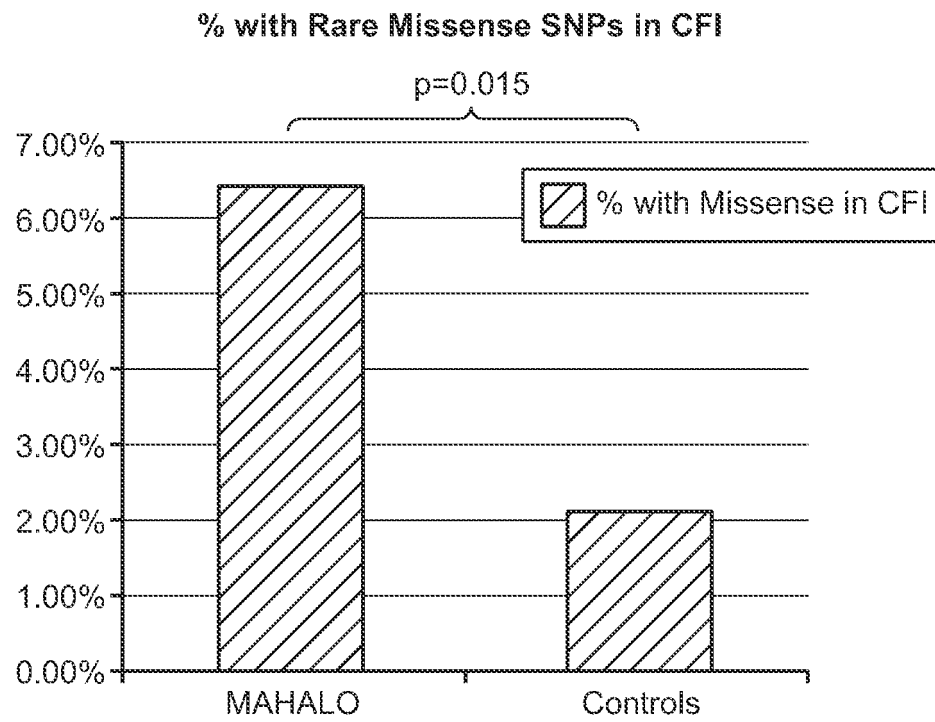
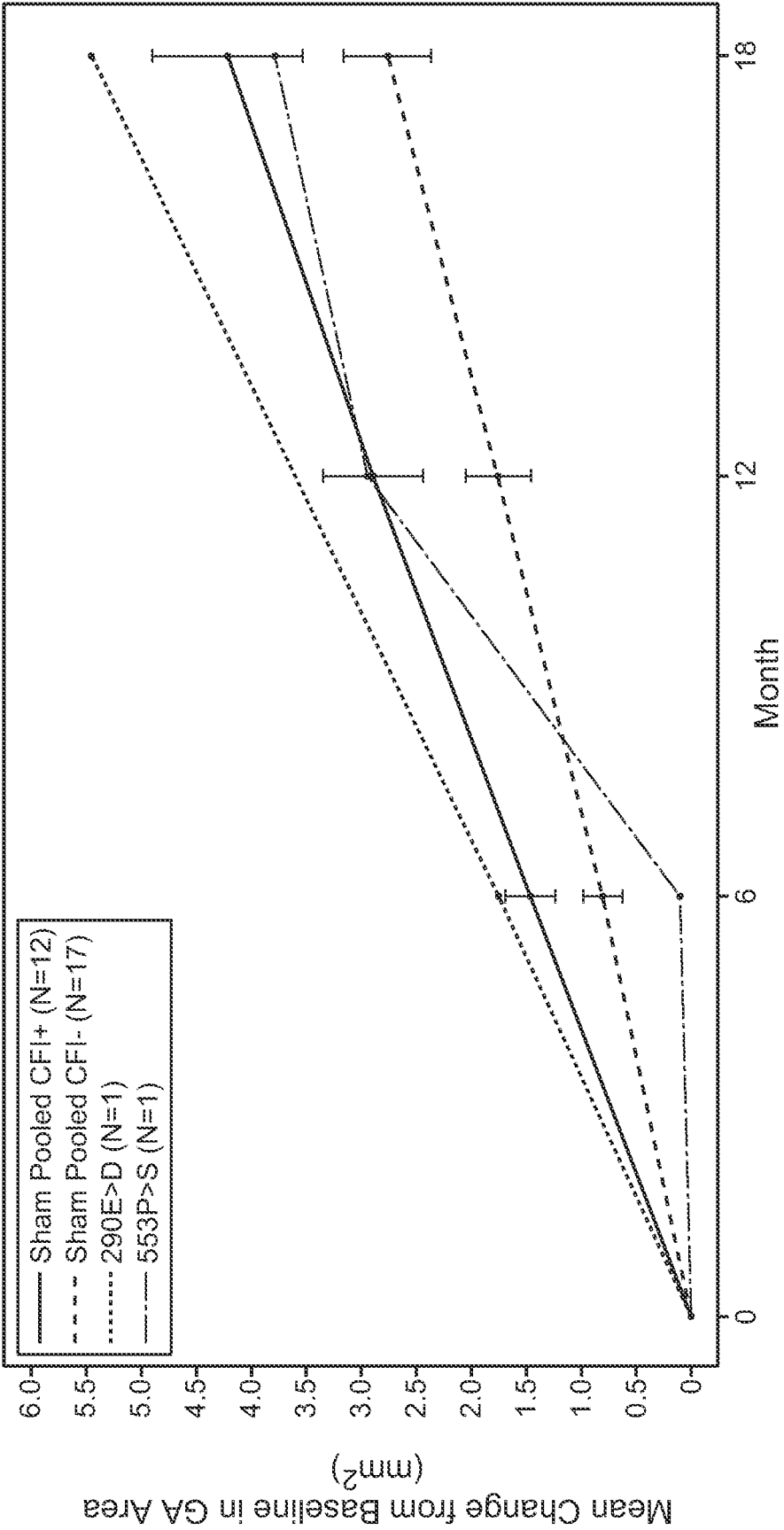


FIG. 10

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**FIG. 11**



Vertical bars are +/- standard error of the mean

FIG. 12