

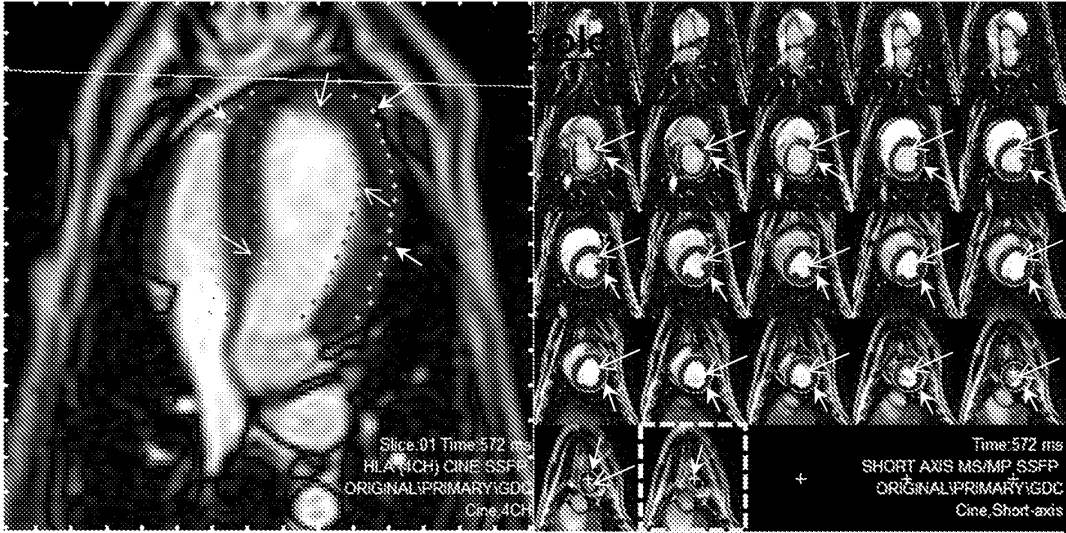


FIG. 1

Calvin WnM3

Diastole

Time 1



Time 2

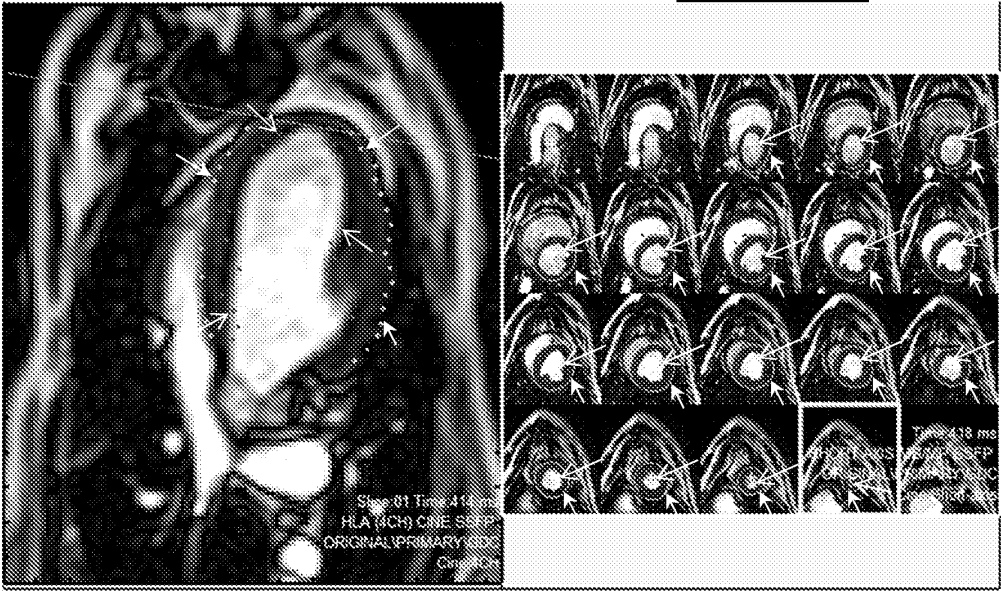
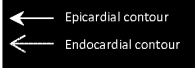


FIG. 2

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Calvin WnM3

Systole

Time 1

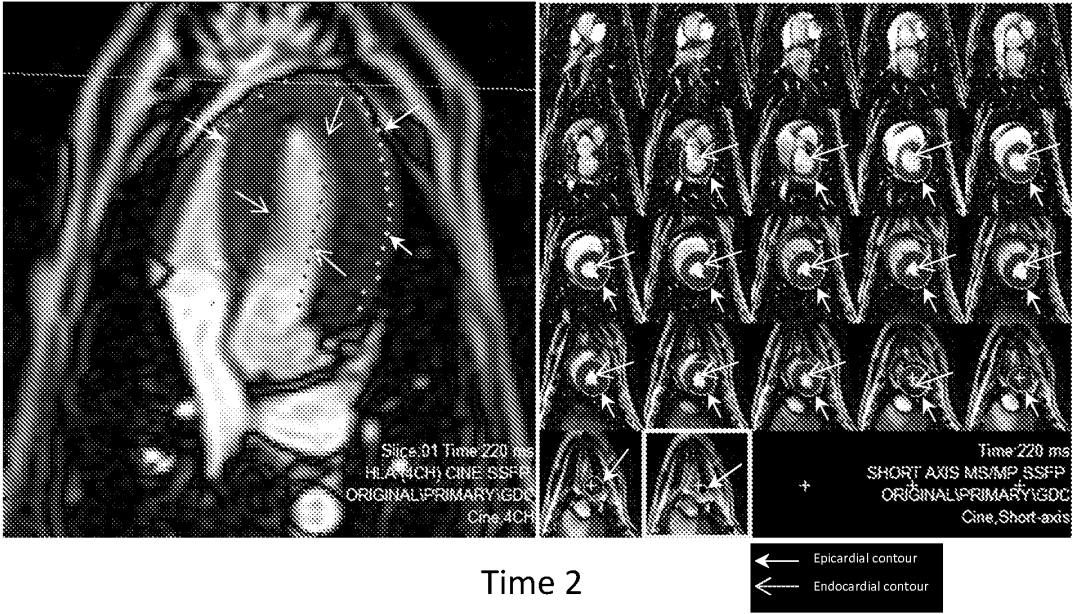


FIG. 3

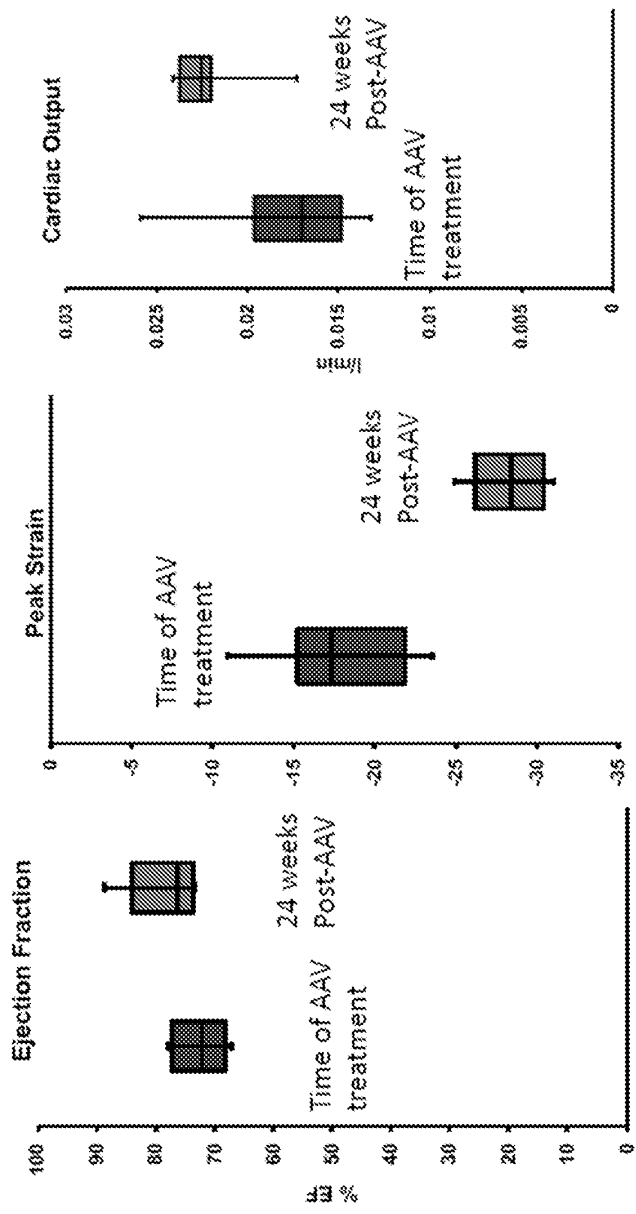


FIG. 4

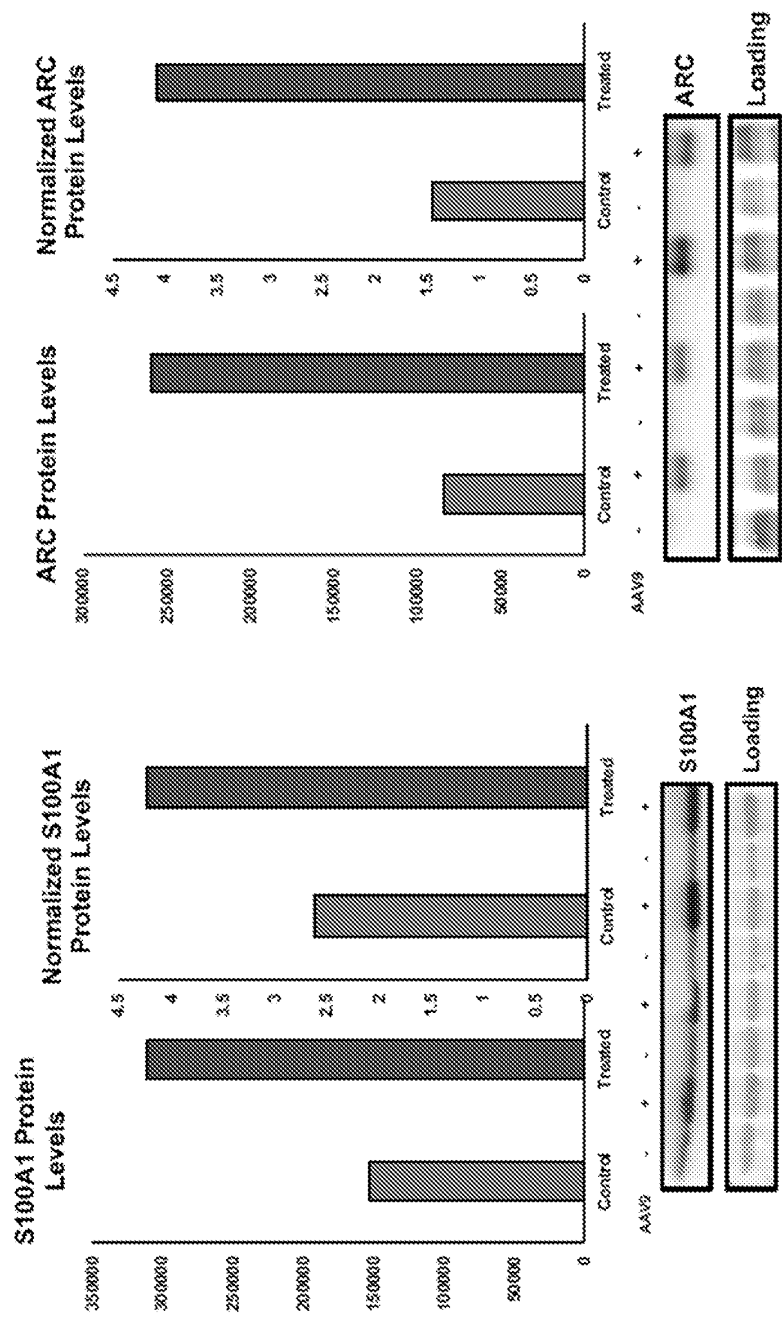


FIG. 5

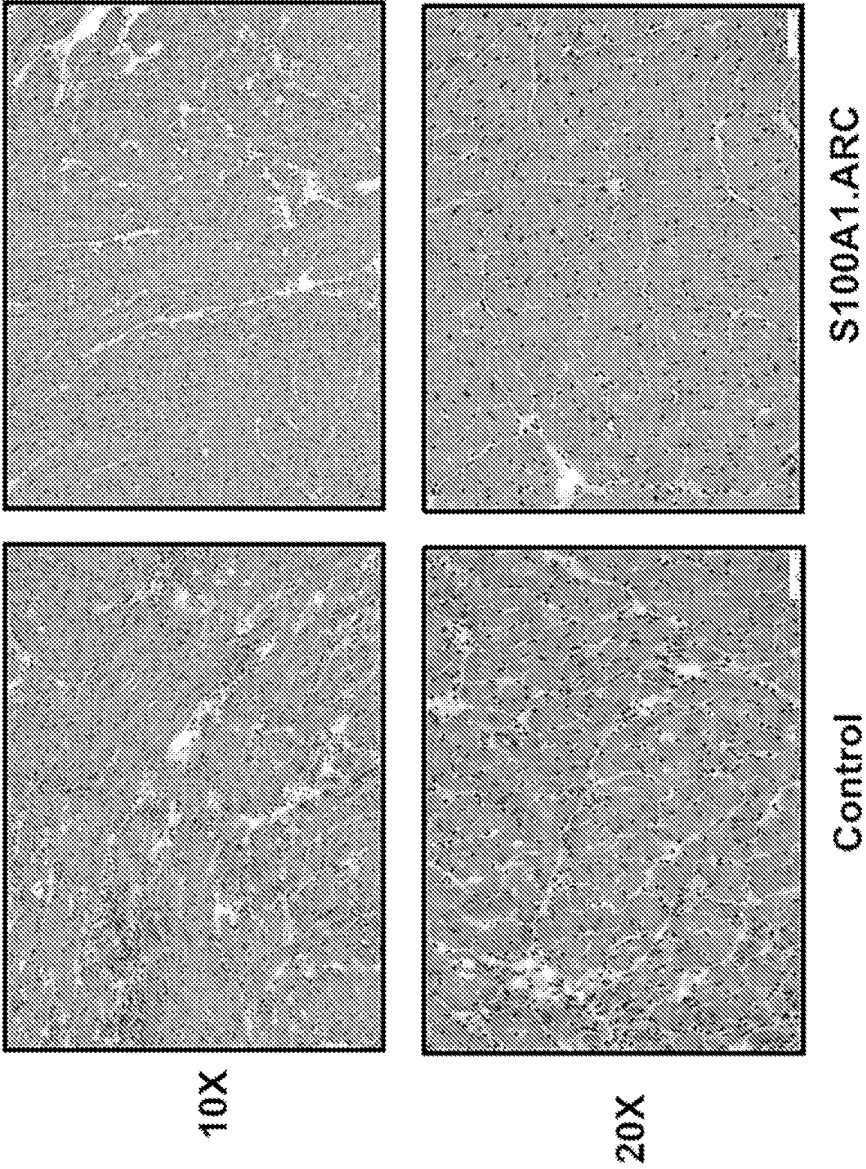


FIG. 6

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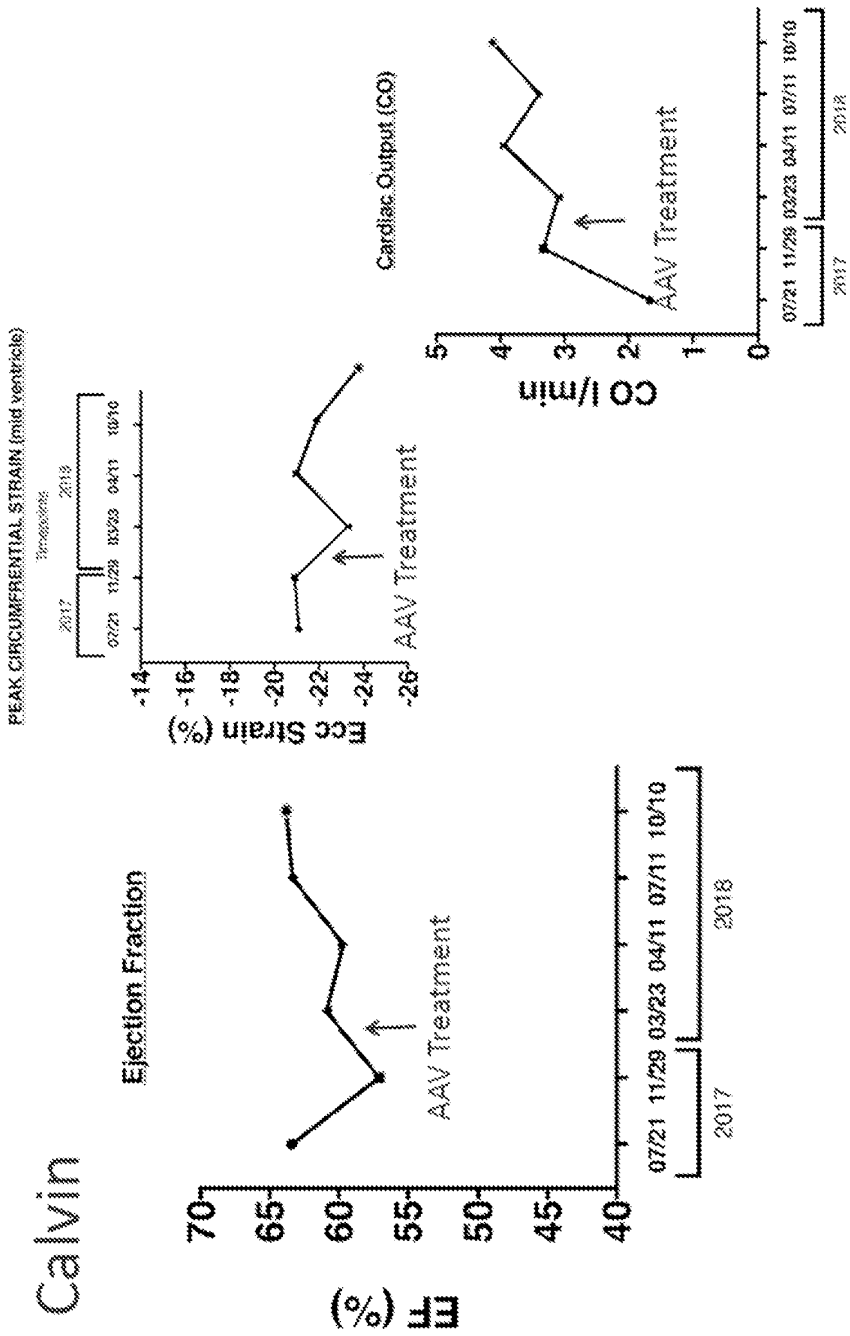


FIG. 7

Sebastian

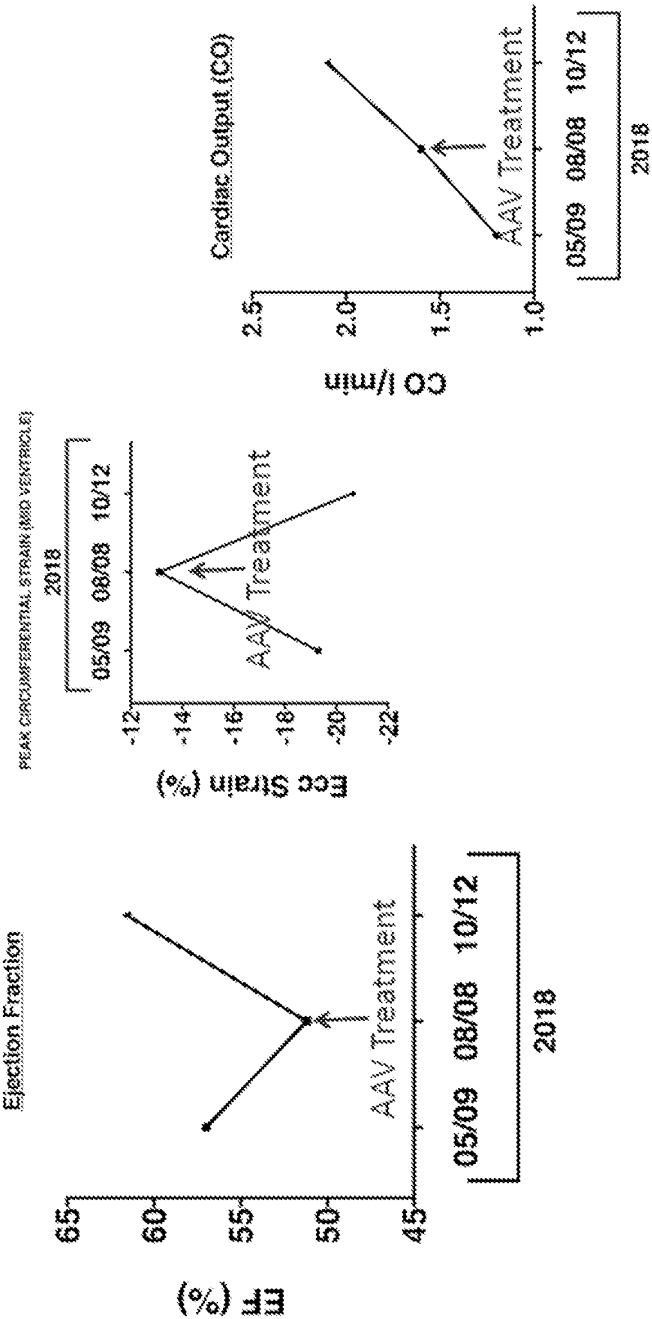


FIG. 8

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Area both legs

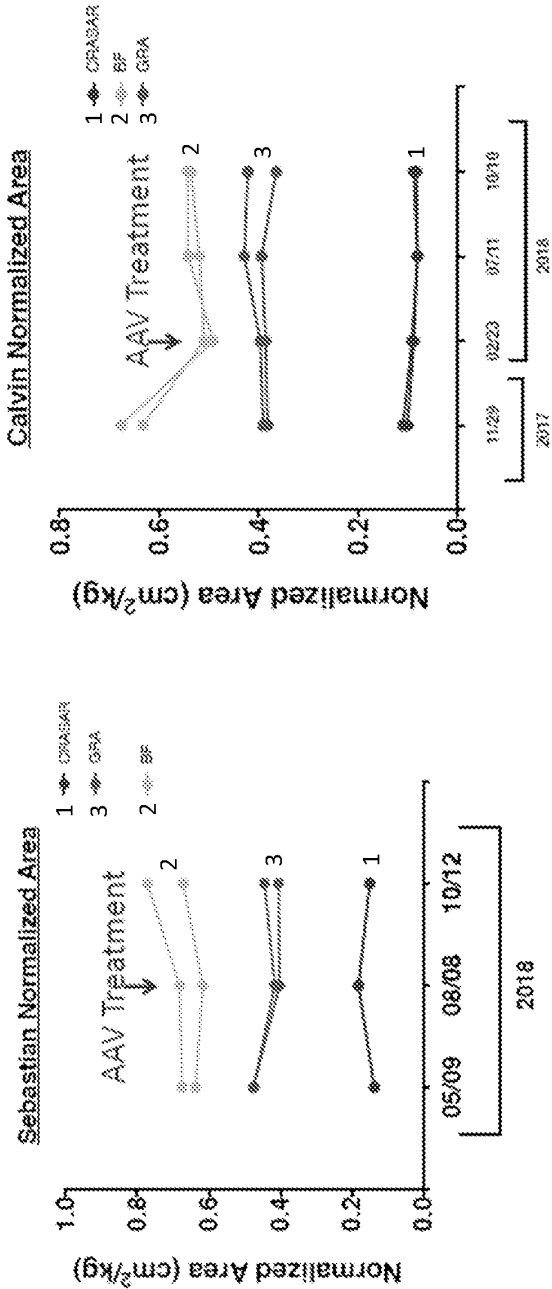


FIG. 9A

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Area(max CSA)

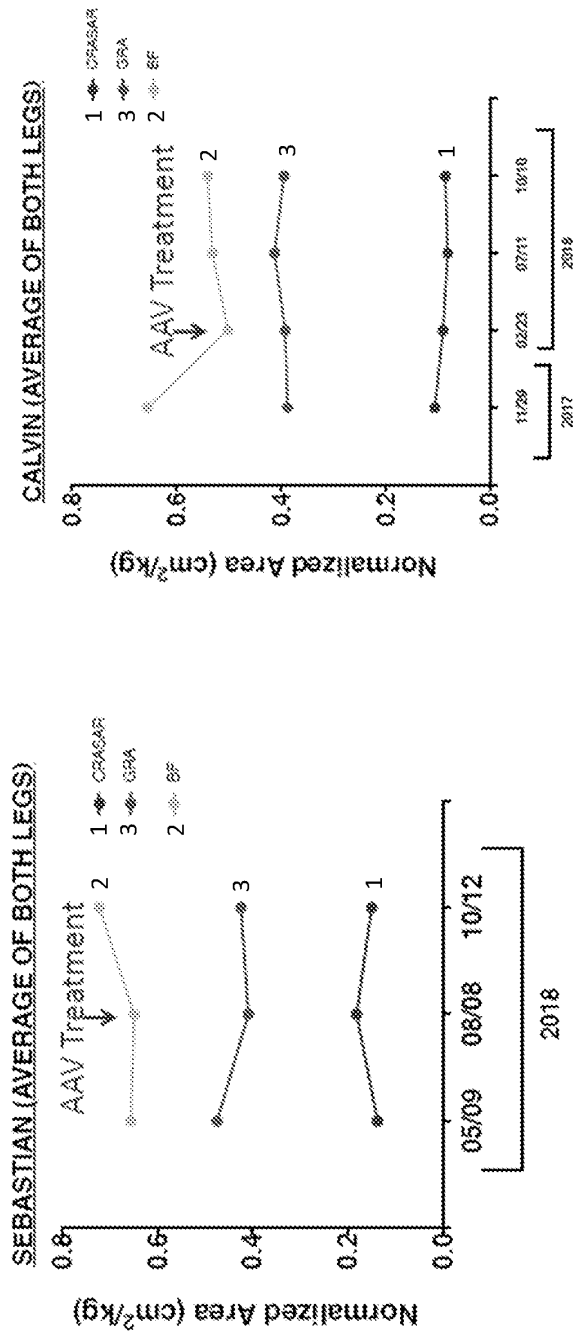


FIG. 9B

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Volume both legs

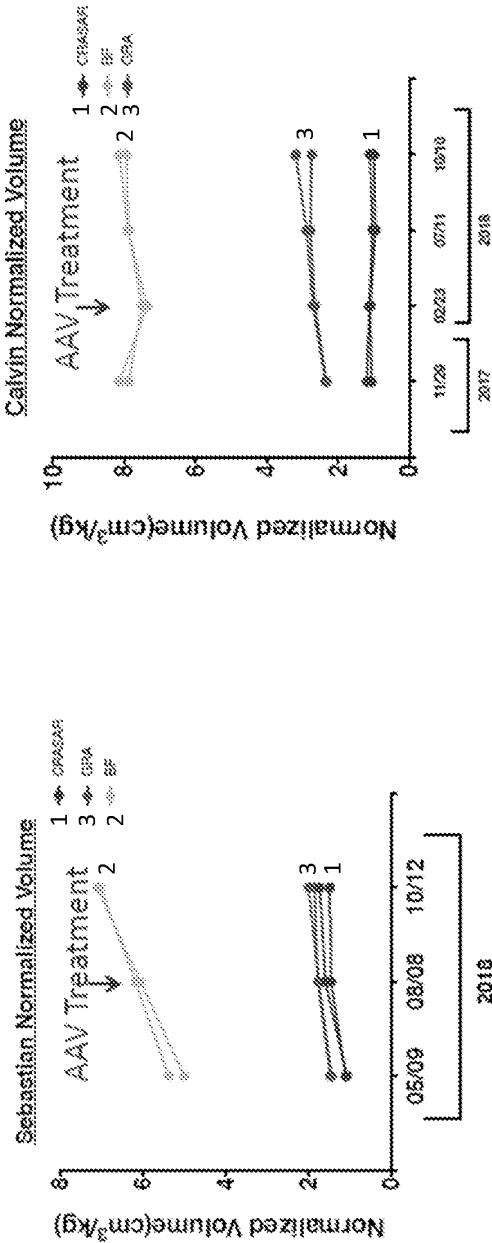


FIG. 9C

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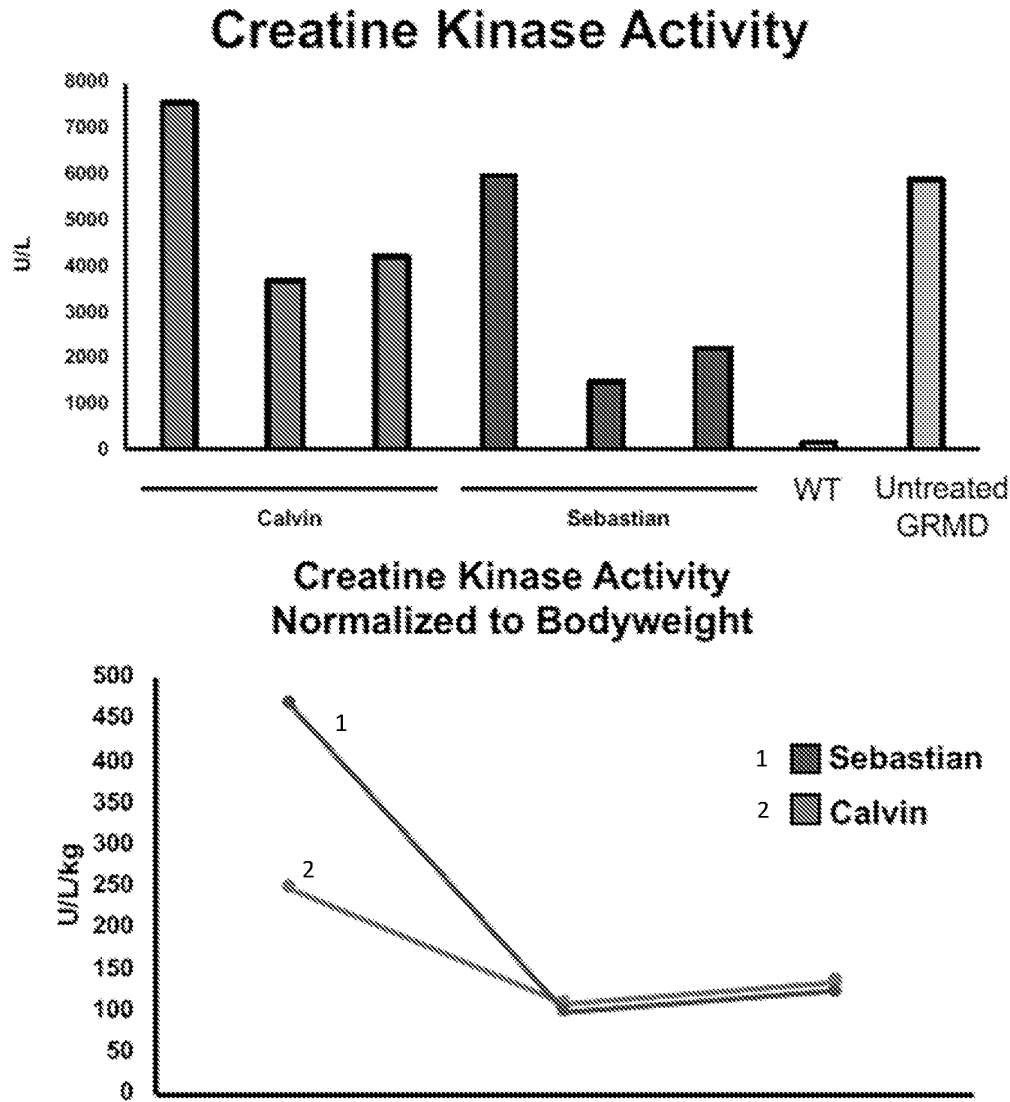


FIG. 10

FIG. 11

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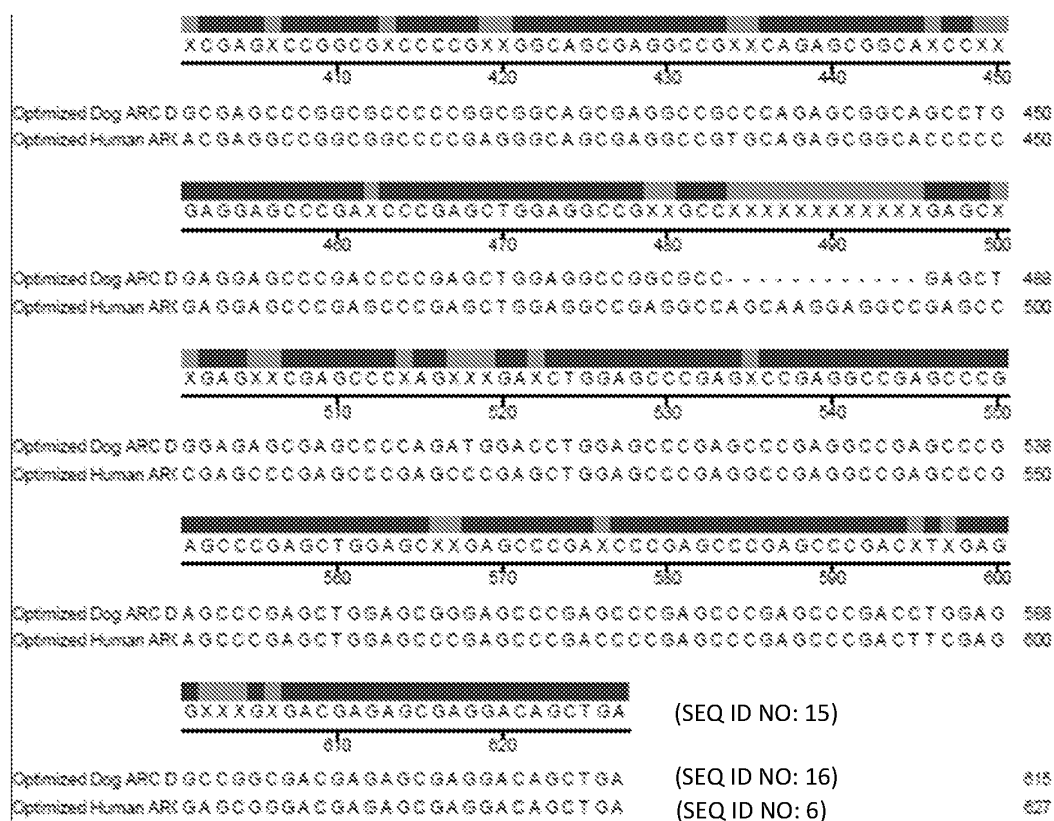


FIG. 11 (continued)

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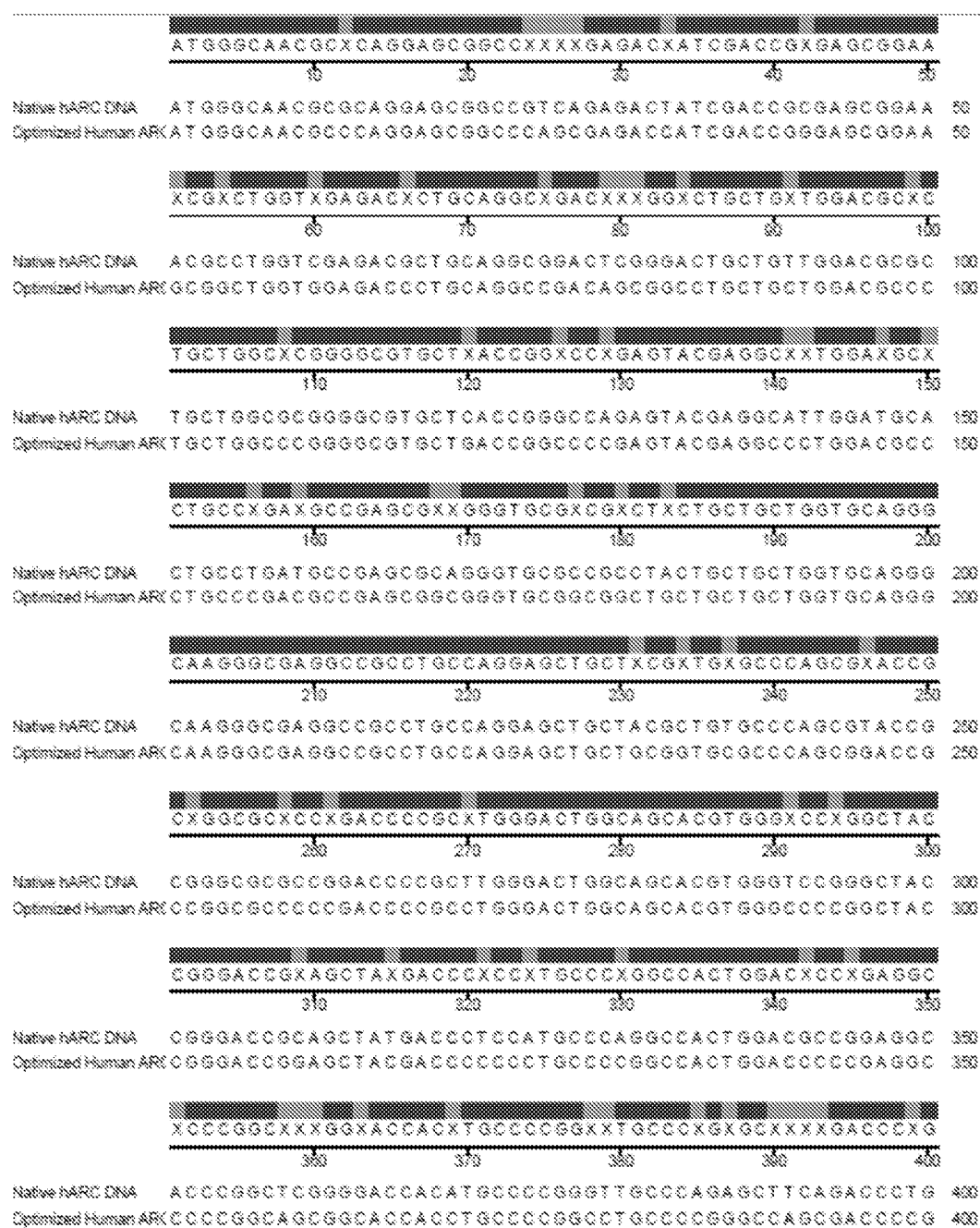


FIG. 12

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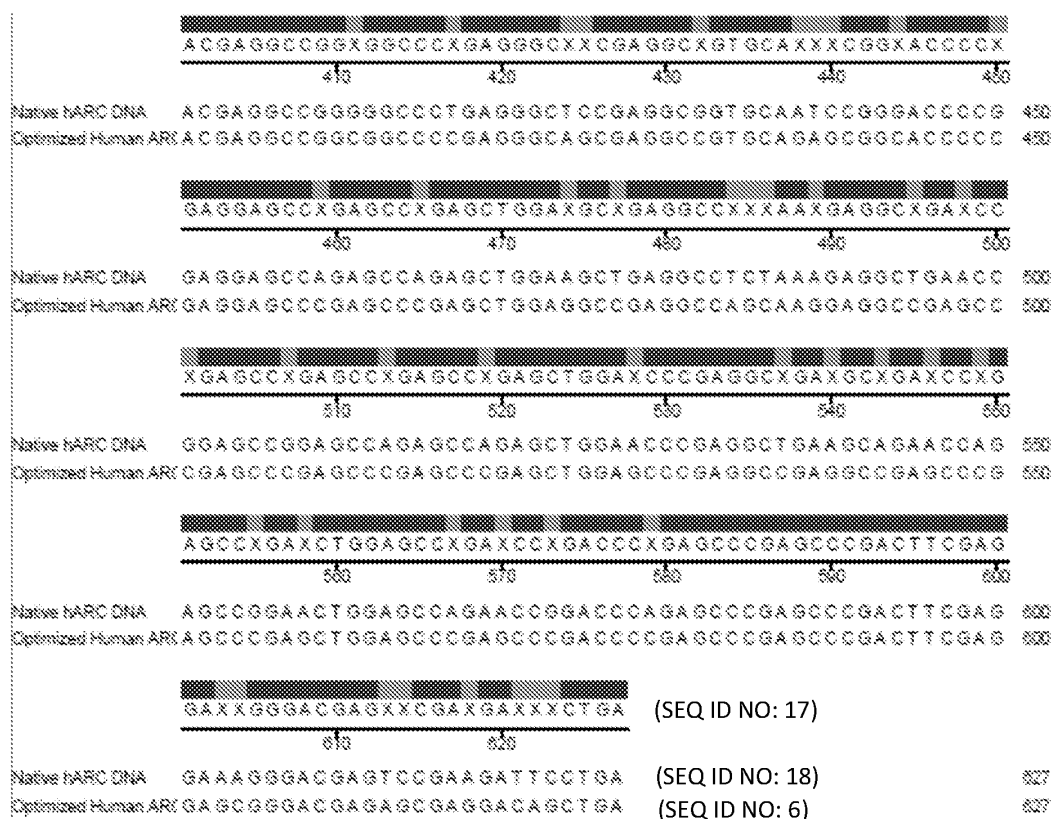


FIG. 12 (continued)

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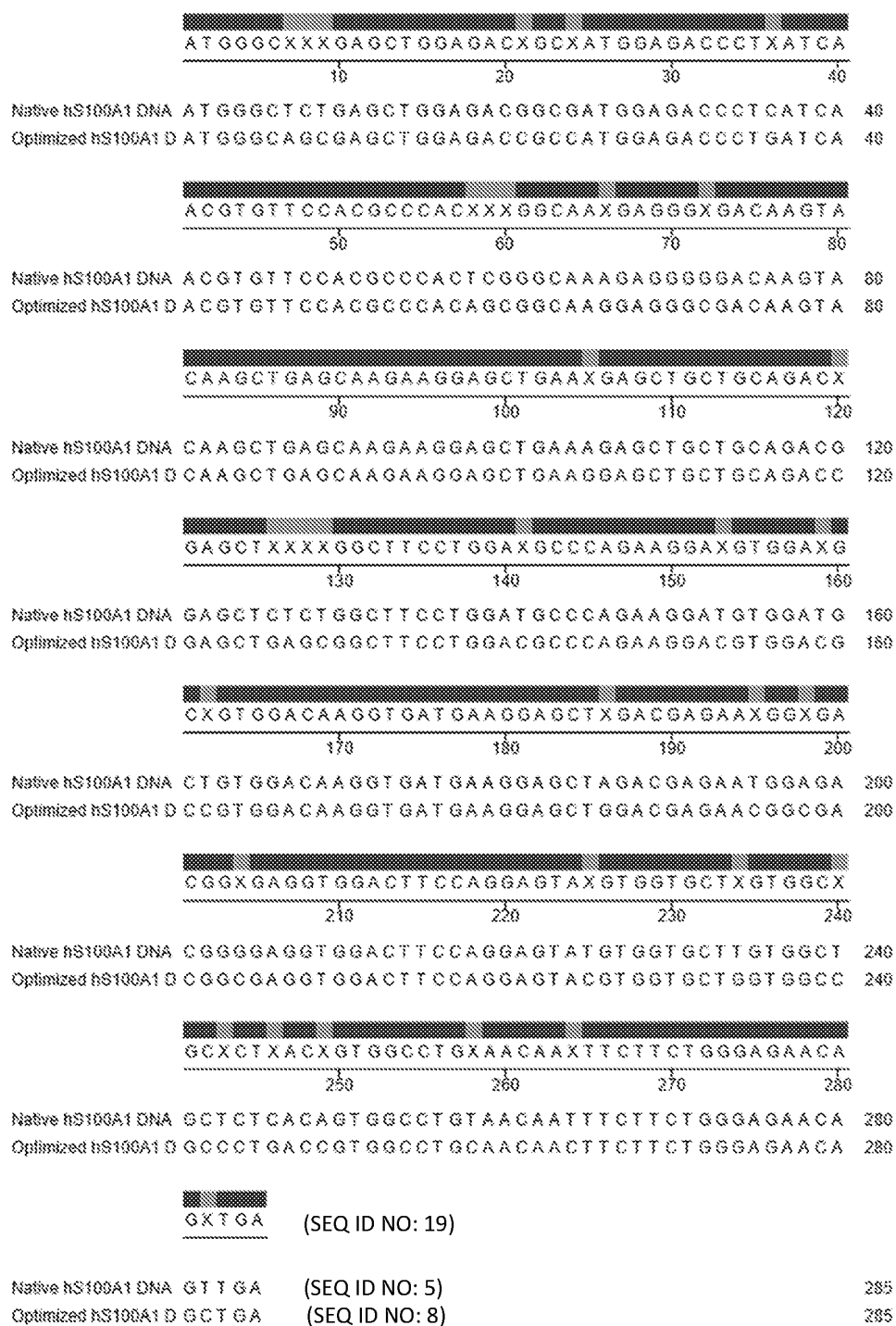


FIG. 13

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		ATGGGCAGCGAGCTGGAGACCGCCATGGAGACCGCTGATCA	
		10 20 30 40	
Optimized hS100A1 D	ATGGGCAGCGAGCTGGAGACCGCCATGGAGACCGCTGATCA	40	
Optimized cS100A1 D	ATGGGCAGCGAGCTGGAGACCGCCATGGAGACCGCTGATCA	40	
		ACGTGTTCCACGCCCCACAGCGGCAAGGAGGGCGXACAAGTA	
		50 60 70 80	
Optimized hS100A1 D	ACGTGTTCCACGCCCCACAGCGGCAAGGAGGGCGACAAGTA	80	
Optimized cS100A1 D	ACGTGTTCCACGCCCCACAGCGGCAAGGAGGGGCAACAAGTA	80	
		CAAGCTGAGCAAGAAGGAGCTGAAGGAGCTGCTGCAGACC	
		90 100 110 120	
Optimized hS100A1 D	CAAGCTGAGCAAGAAGGAGCTGAAGGAGCTGCTGCAGACC	120	
Optimized cS100A1 D	CAAGCTGAGCAAGAAGGAGCTGAAGGAGCTGCTGCAGACC	120	
		GAGCTGAGCGGCTTCCTGGACGCCCAGAAAGGACGXXGACG	
		130 140 150 160	
Optimized hS100A1 D	GAGCTGAGCGGCTTCCTGGACGCCCAGAAAGGACGCGACG	160	
Optimized cS100A1 D	GAGCTGAGCGGCTTCCTGGACGCCCAGAAAGGACGCGGACG	160	
		CCGTGGACAAGGTGATGAAGGAGCTGGACGAGAACGGCGA	
		170 180 190 200	
Optimized hS100A1 D	CCGTGGACAAGGTGATGAAGGAGCTGGACGAGAACGGCGA	200	
Optimized cS100A1 D	CCGTGGACAAGGTGATGAAGGAGCTGGACGAGAACGGCGA	200	
		CGGCGAGGTGGACTTCCAGGAGTACGTGGTGCTGGTGGCC	
		210 220 230 240	
Optimized hS100A1 D	CGGCGAGGTGGACTTCCAGGAGTACGTGGTGCTGGTGGCC	240	
Optimized cS100A1 D	CGGCGAGGTGGACTTCCAGGAGTACGTGGTGCTGGTGGCC	240	
		GCCCTGACCGTGGCCTGCAACAACCTTCTTCTGGGAGAACA	
		250 260 270 280	
Optimized hS100A1 D	GCCCTGACCGTGGCCTGCAACAACCTTCTTCTGGGAGAACA	280	
Optimized cS100A1 D	GCCCTGACCGTGGCCTGCAACAACCTTCTTCTGGGAGAACA	280	
		GCTGA	(SEQ ID NO: 20)
Optimized hS100A1 D	GCTGA	(SEQ ID NO: 8)	285
Optimized cS100A1 D	GCTGA	(SEQ ID NO: 21)	285

FIG. 14

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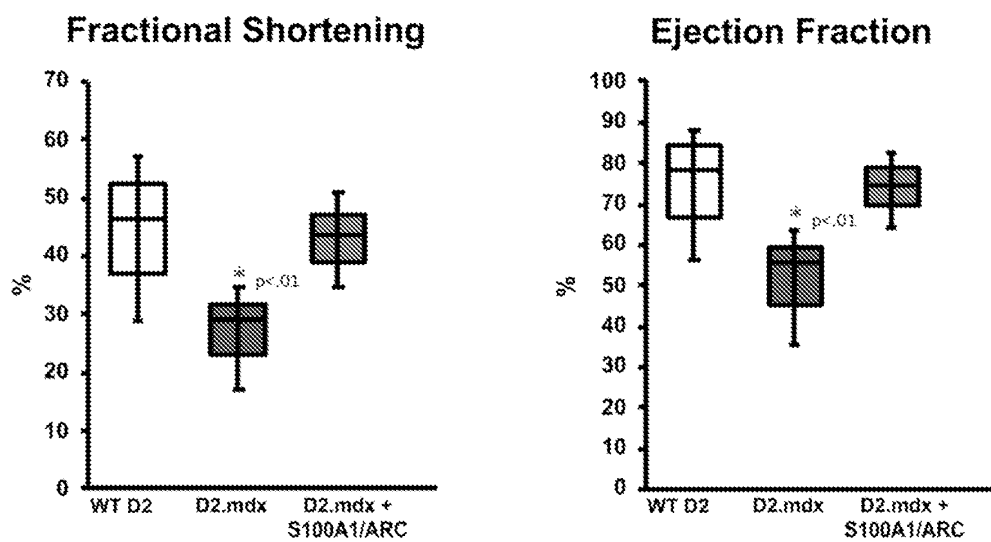


FIG. 15

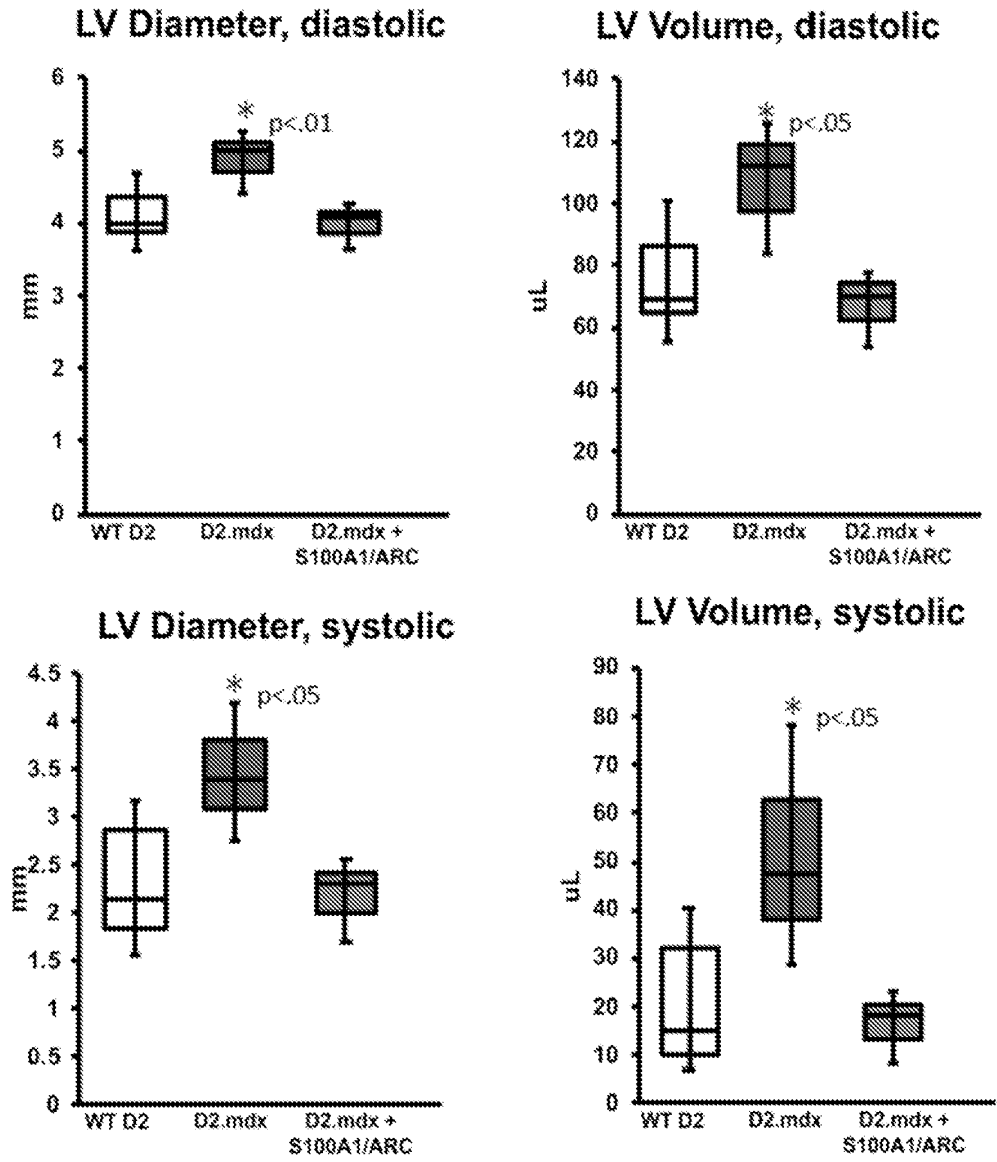


FIG. 16

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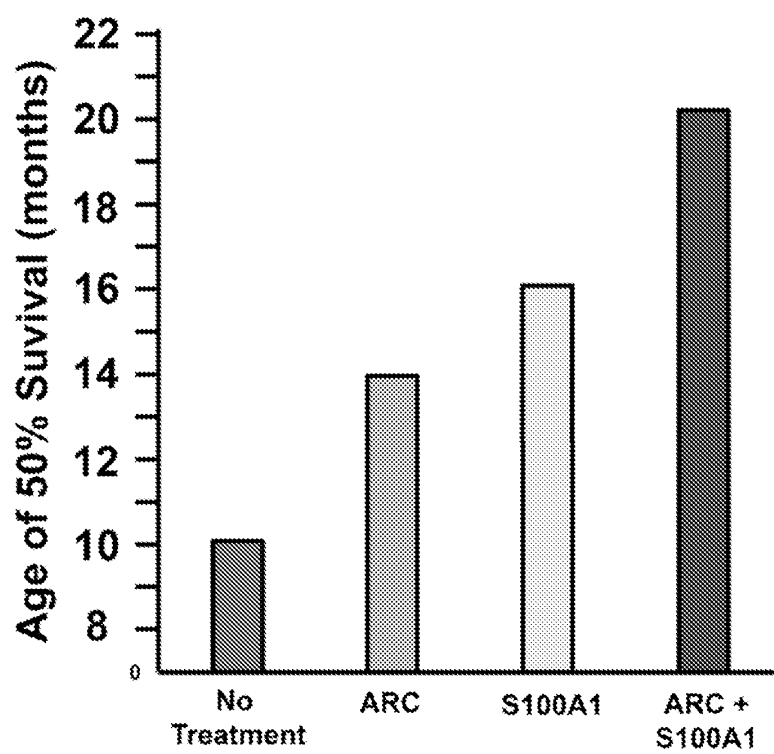


FIG. 17

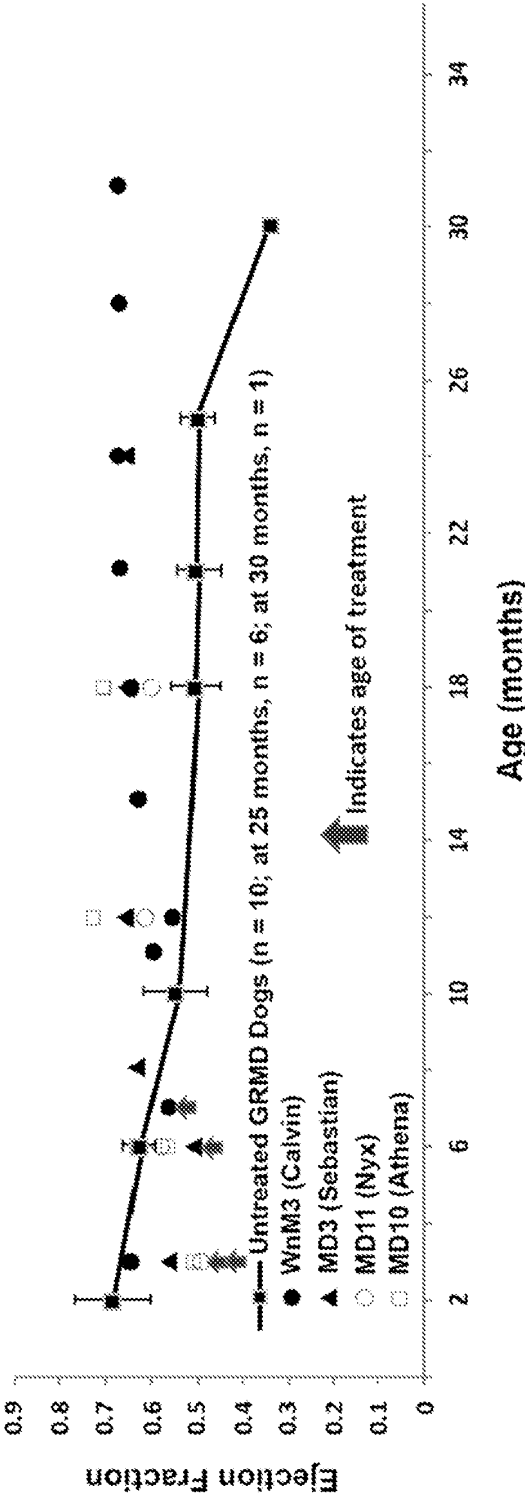


FIG. 18

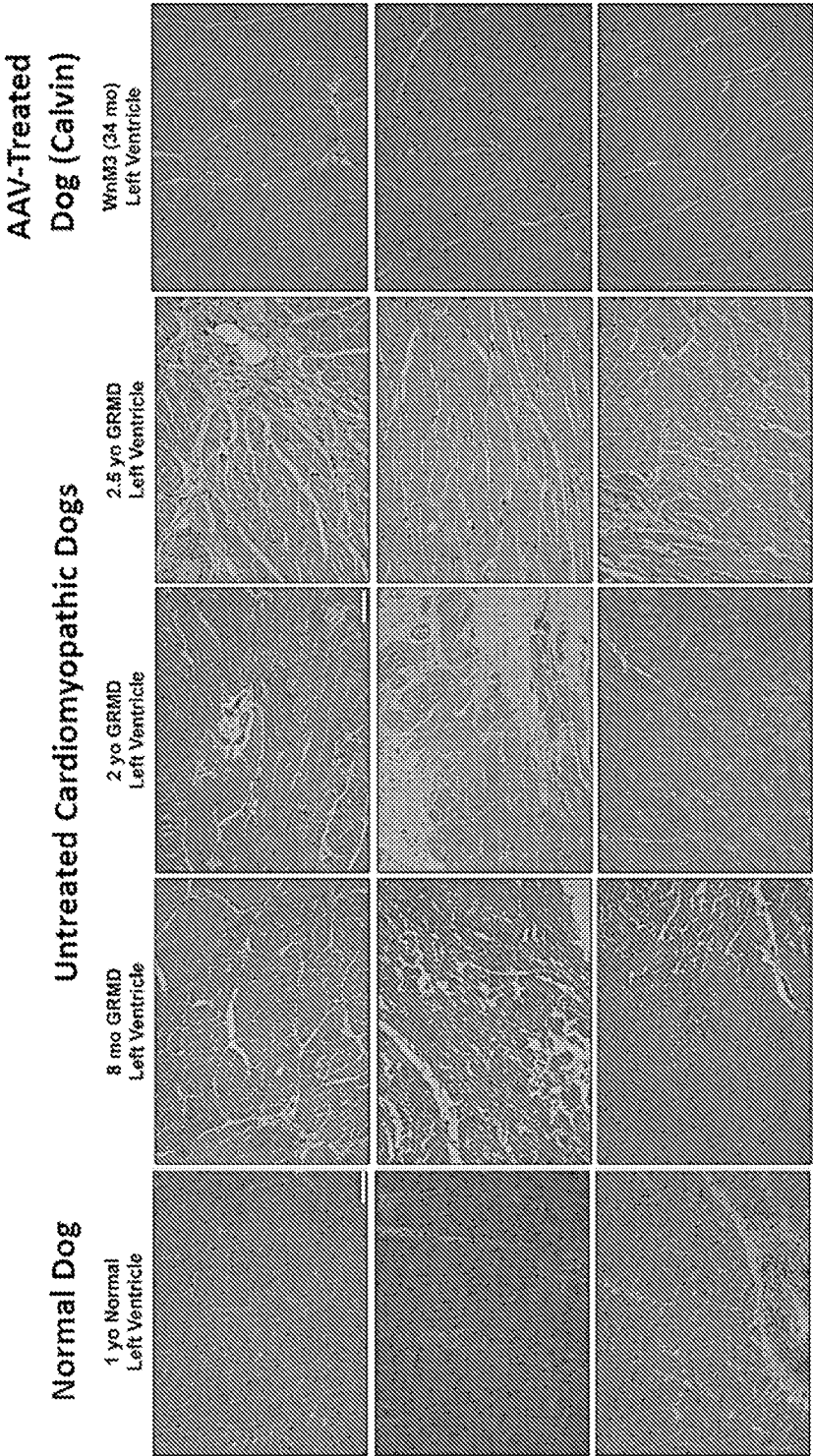


FIG. 19

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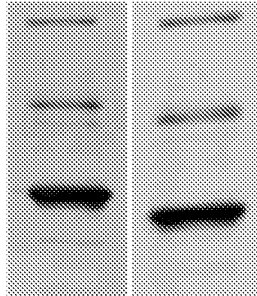


FIG. 20