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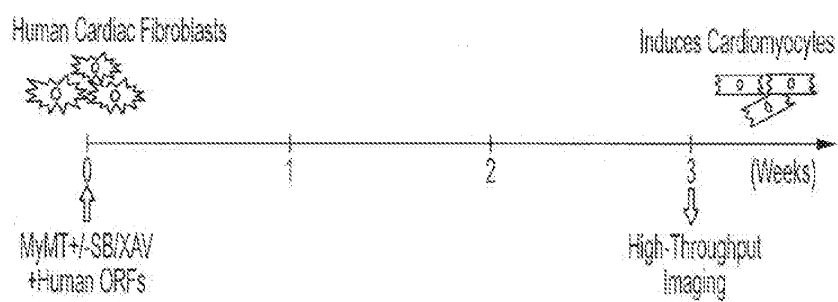


FIG. 1A

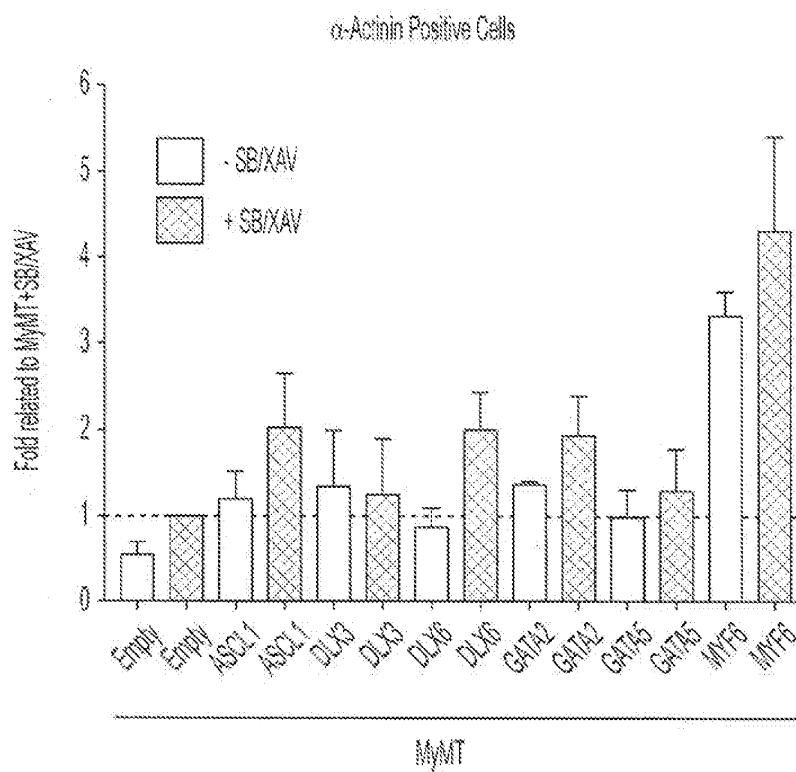


FIG. 1B

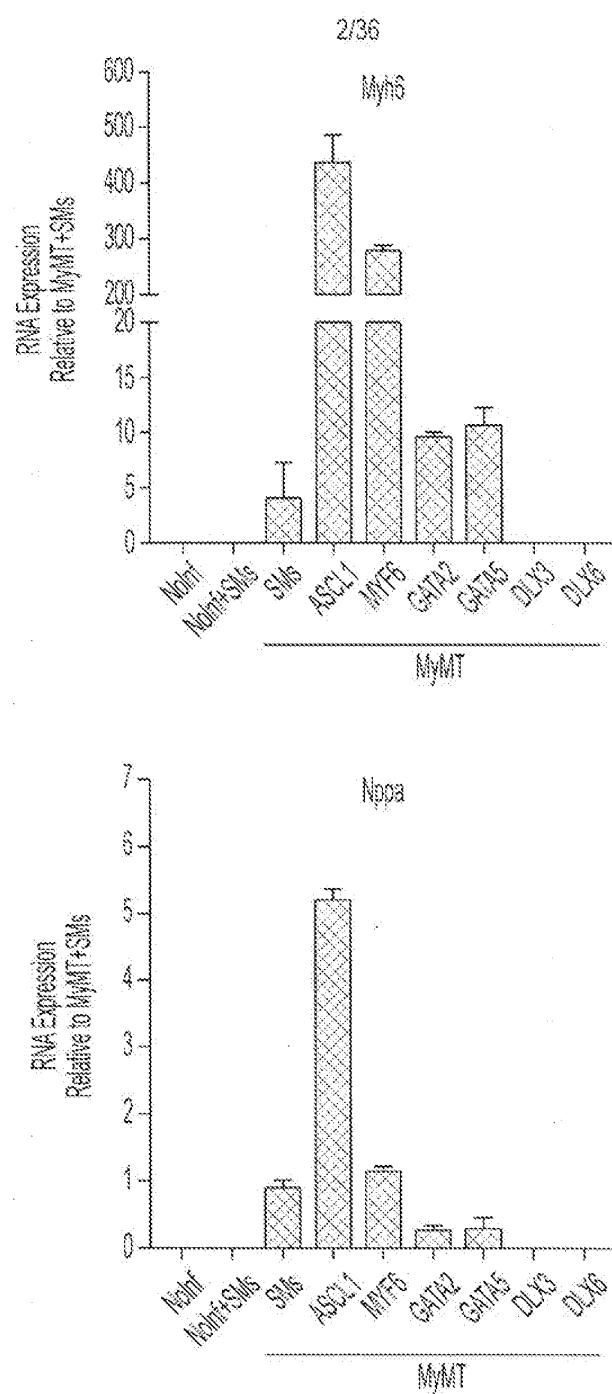


FIG. 1C

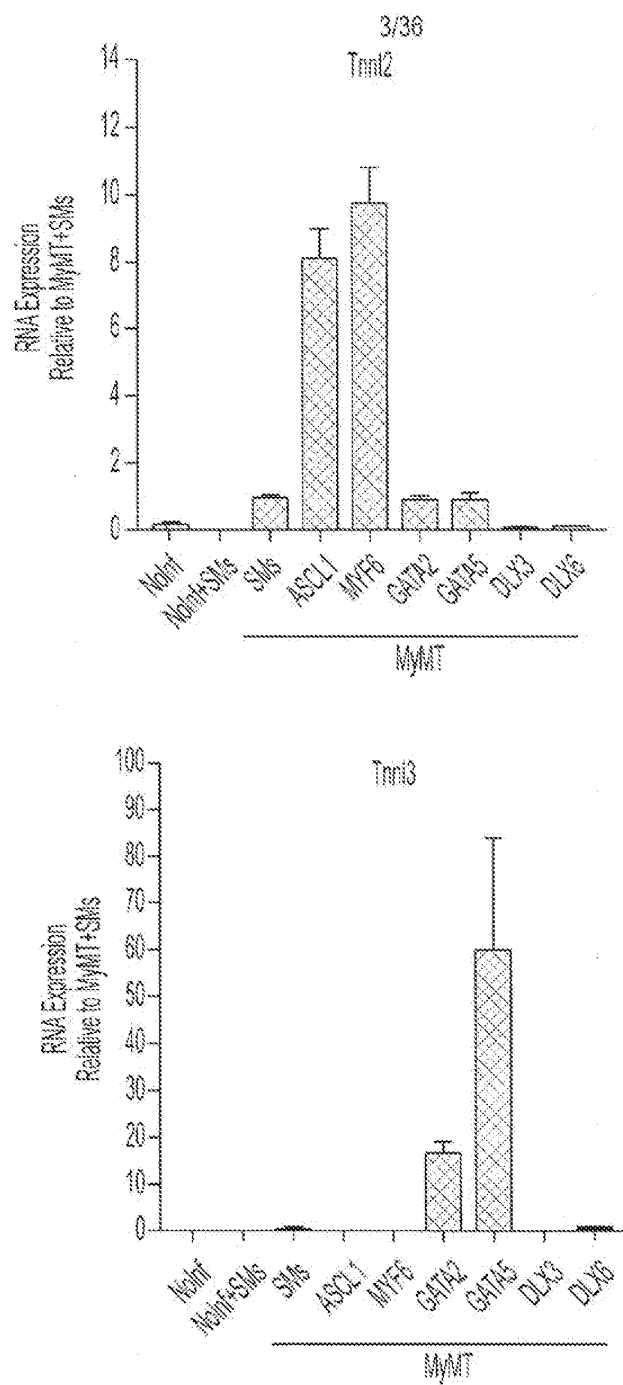


FIG. 1C CONTINUED

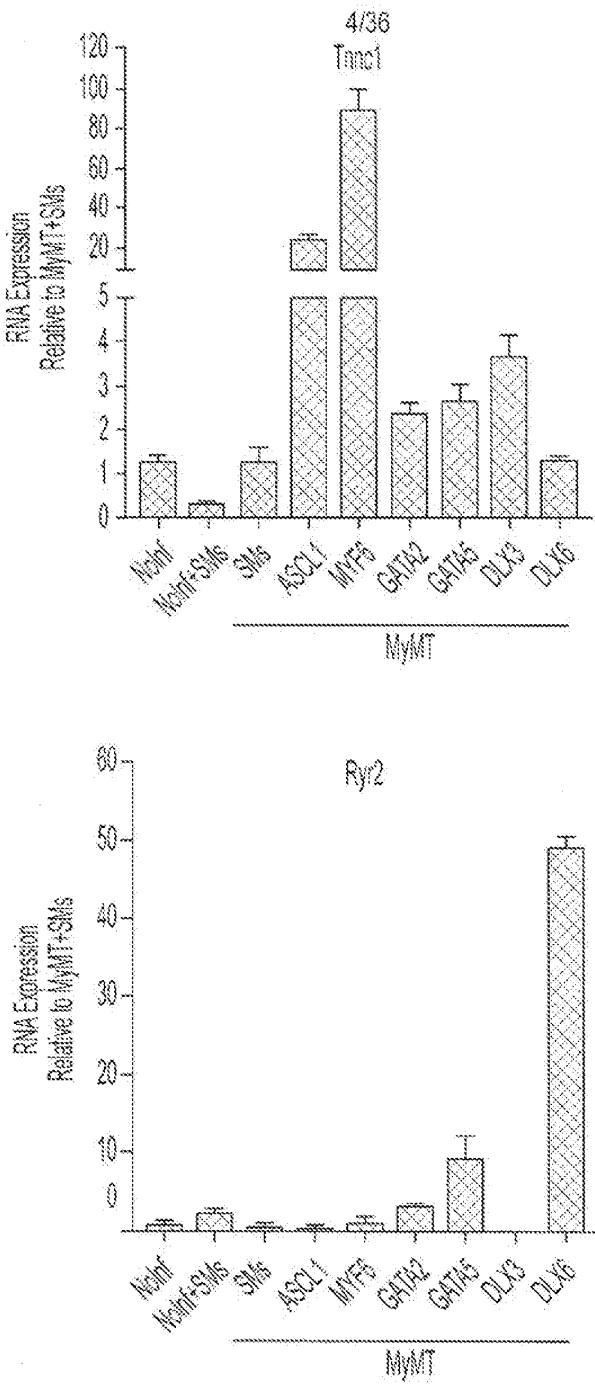


FIG. 1C CONTINUED

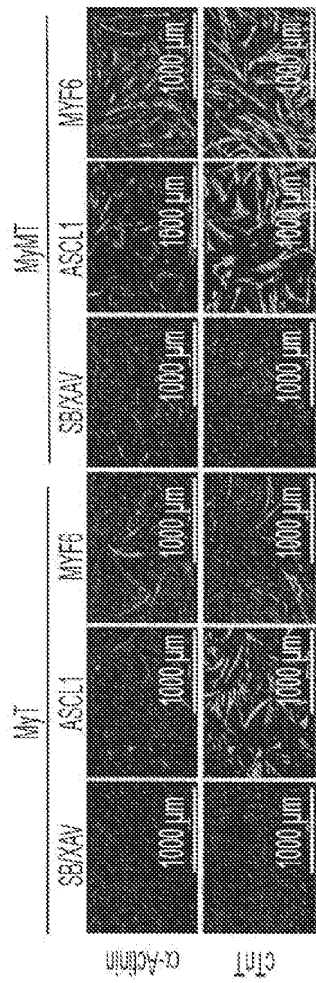


FIG. 2A

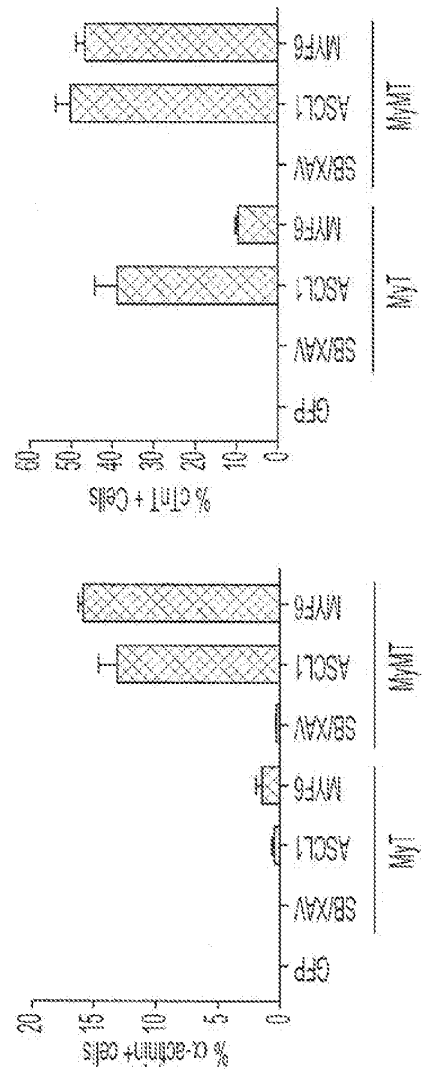


FIG. 2B

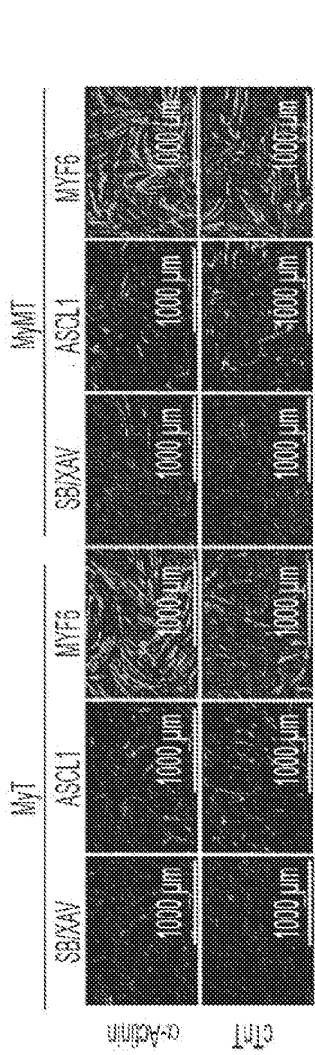


FIG. 2C

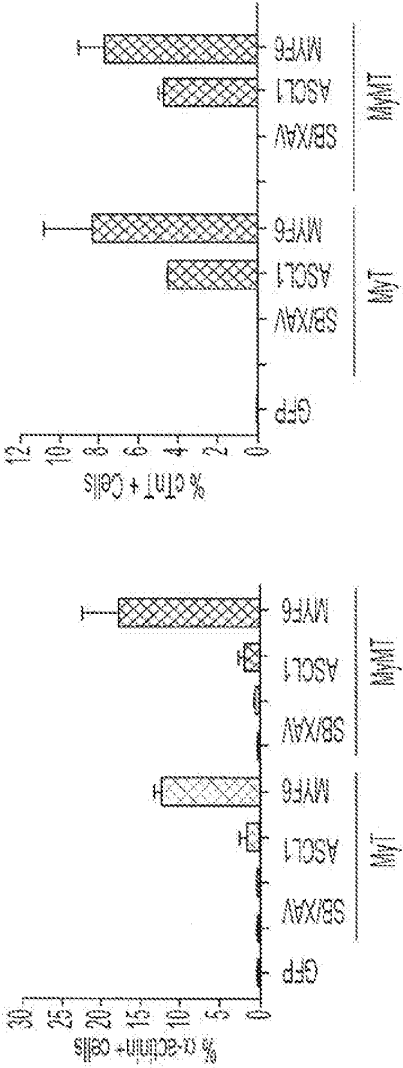


FIG. 2D

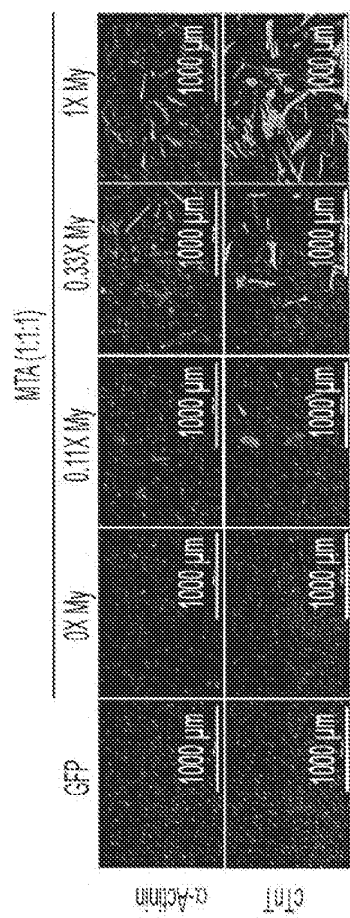


FIG. 3A

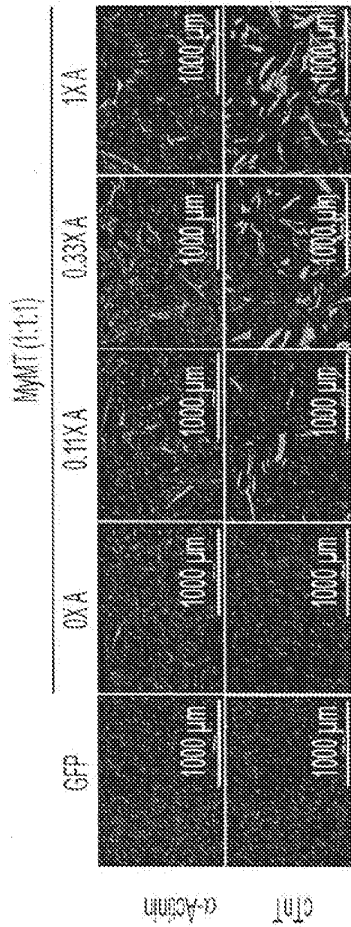


FIG. 3B

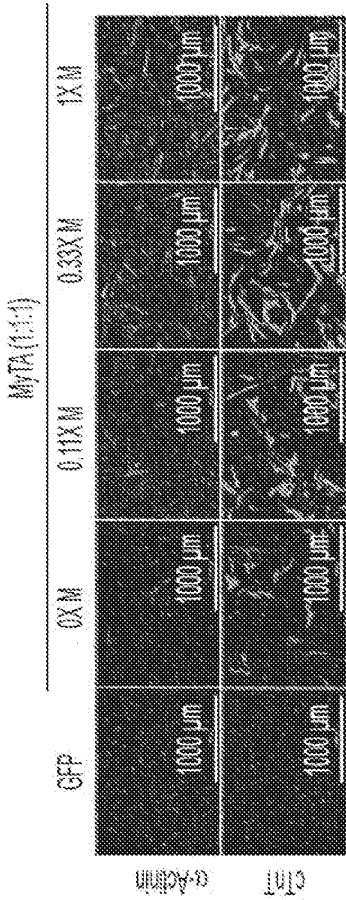


FIG. 3C

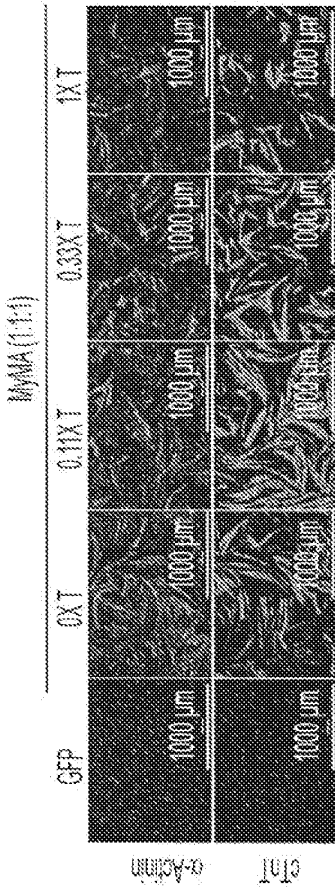


FIG. 3D

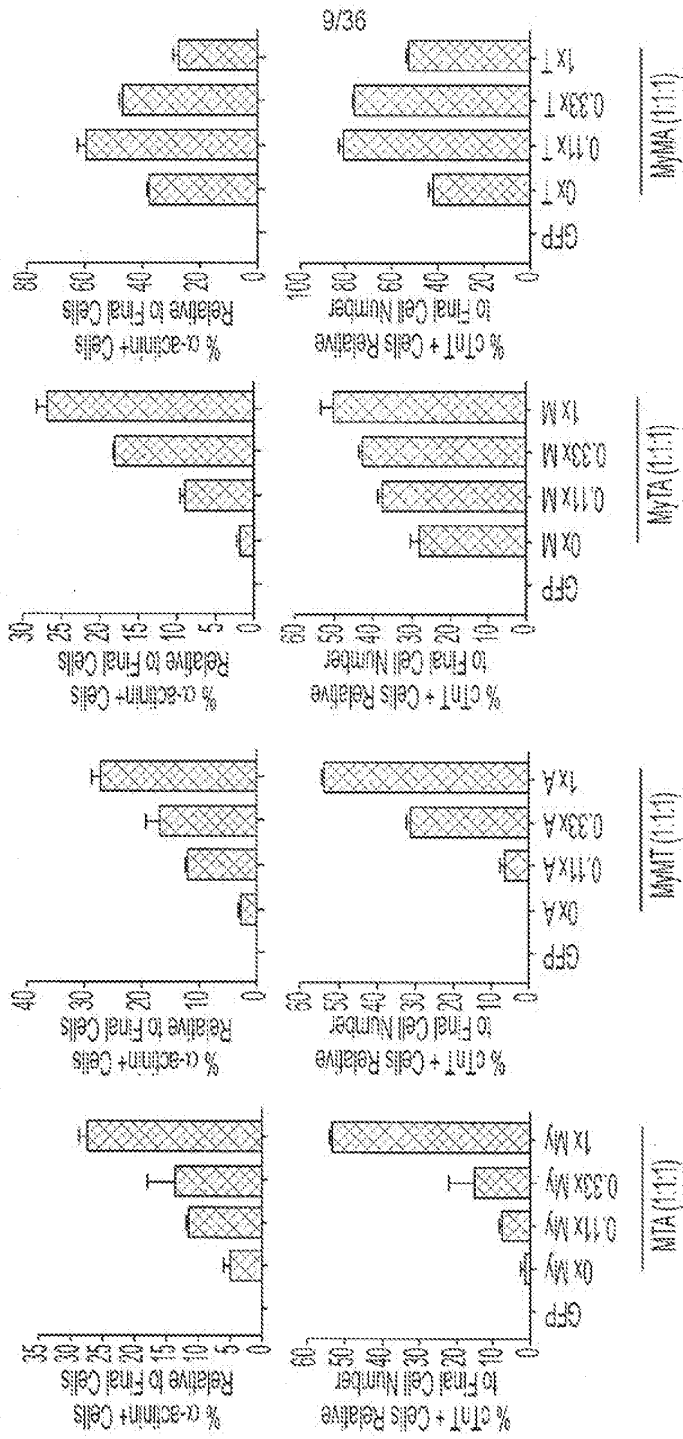


FIG. 3E

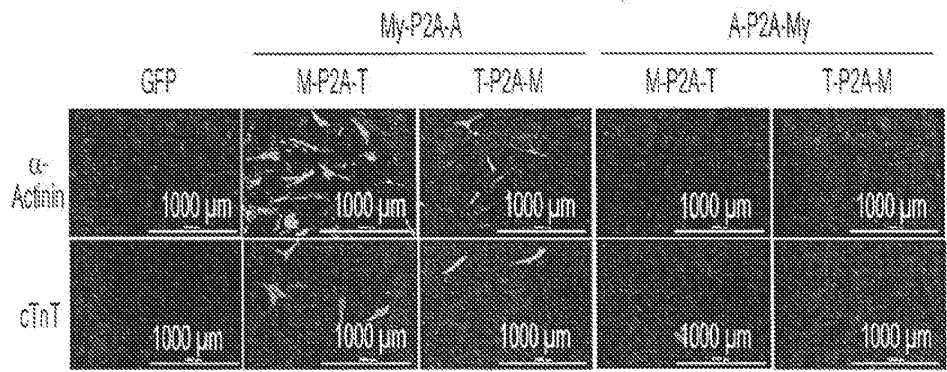


FIG. 4A

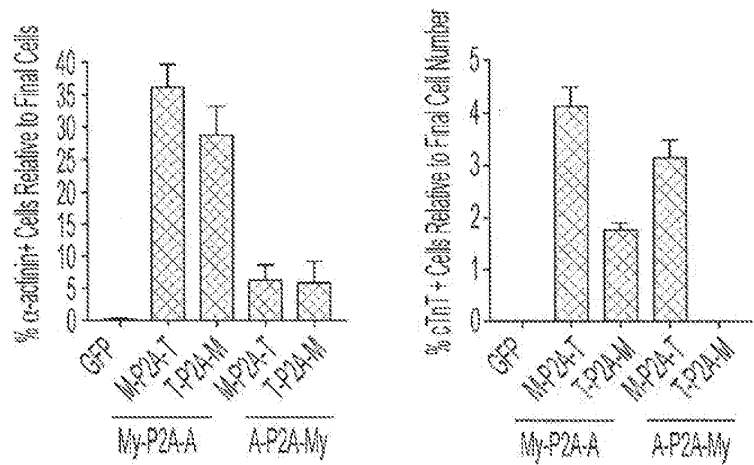


FIG. 4B

	GFP	MyA-MT	MyA-TM	AMy-MT	AMy-TM
NPPA	1	17748	17472	2217	2847
CKM	1	12313	2672	738	166
ACTC1	1	5959	5493	403	167
MYH6	1	2776	1343	76	20
MYH7	1	2509	502	74	4
SMYD1	1	1182	302	72	19
TNNC1	1	1592	310	338	16
MYL4	1	641	656	203	470
TNNI2	1	374	139	94	20
SLN	1	290	5	179	6
TIN	1	238	56	13	2
PLN	1	198	431	10	12
MYL7	1	179	178	5	10
CASQ2	1	156	22	3	2
MYL2	1	107	25	3	5
TNNI3	1	48	0	38	2
MYOM1	1	52	11	7	1
OSRP3	1	12	19	12	15
SCN5A	1	11	8	13	6
ACTN2	1	10	4	3	1
NPPB	1	10	10	1	2

Cardiac
Marker
Genes

FIG. 4C

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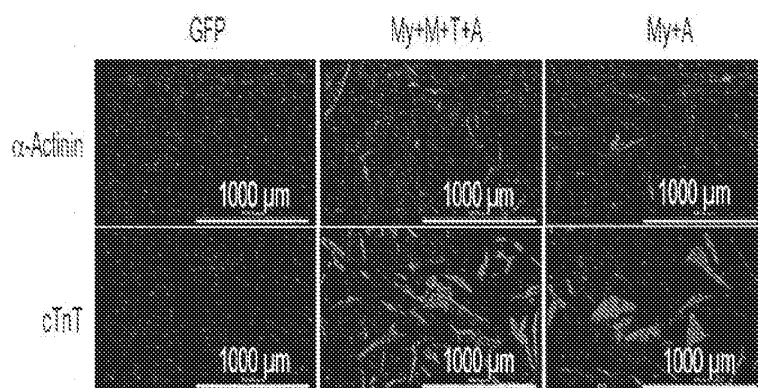


FIG. 5A

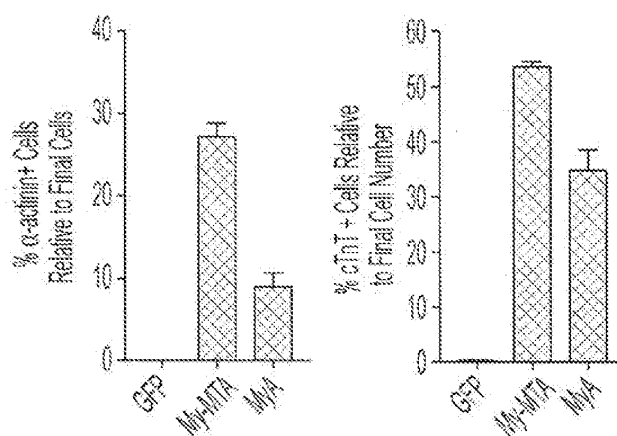


FIG. 5B

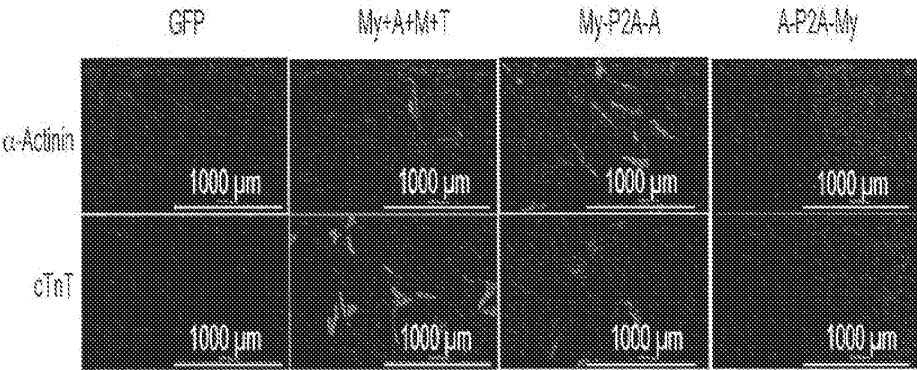


FIG. 5C

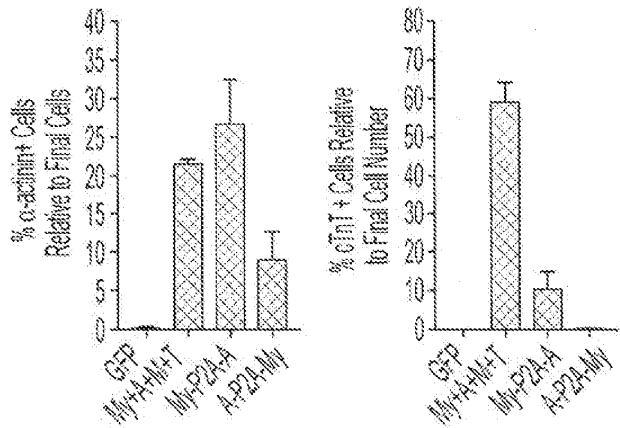
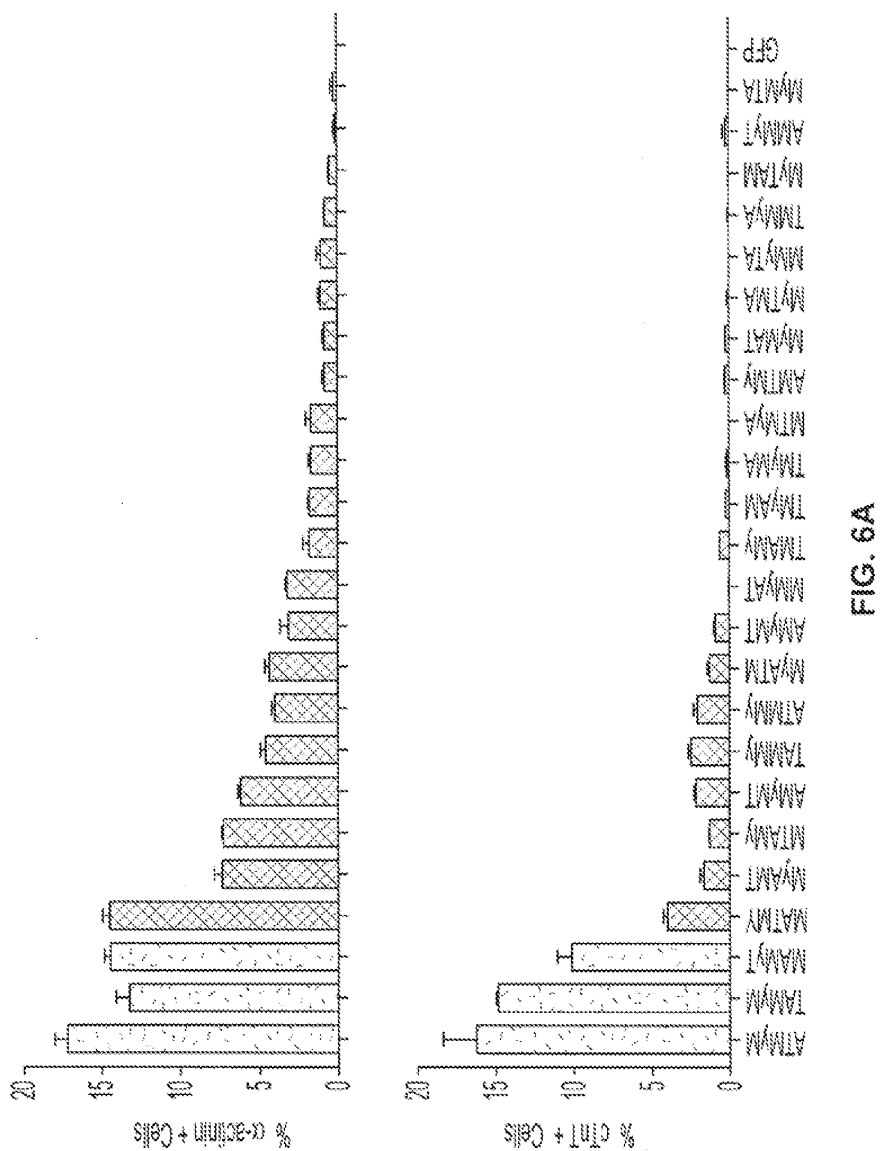


FIG. 5D



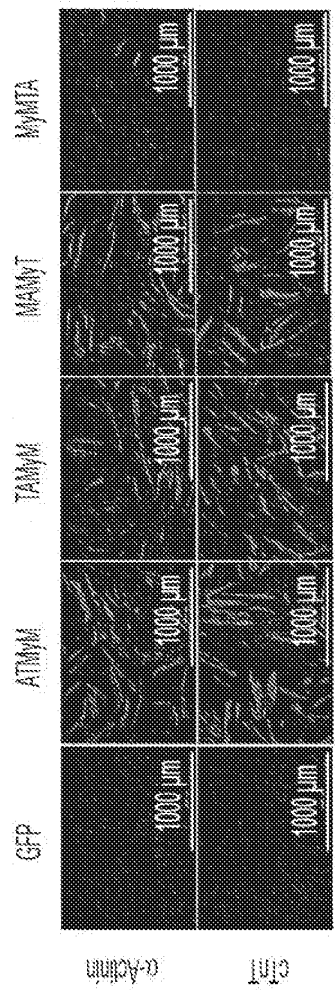


FIG. 6B

	Position1	Position2	Position3	Position4
My	16	19	75	38
A	46	79	16	07
M	49	06	29	63
T	37	19	27	40

FIG. 6C

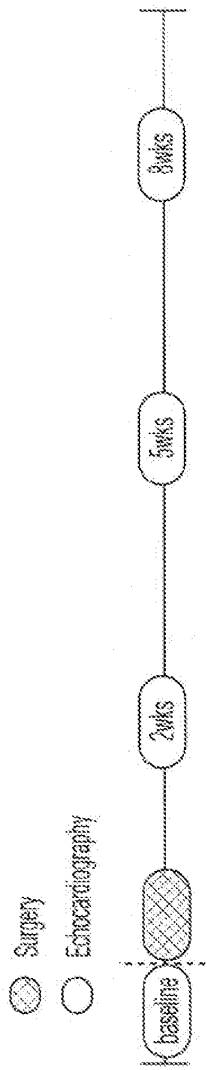


FIG. 7A

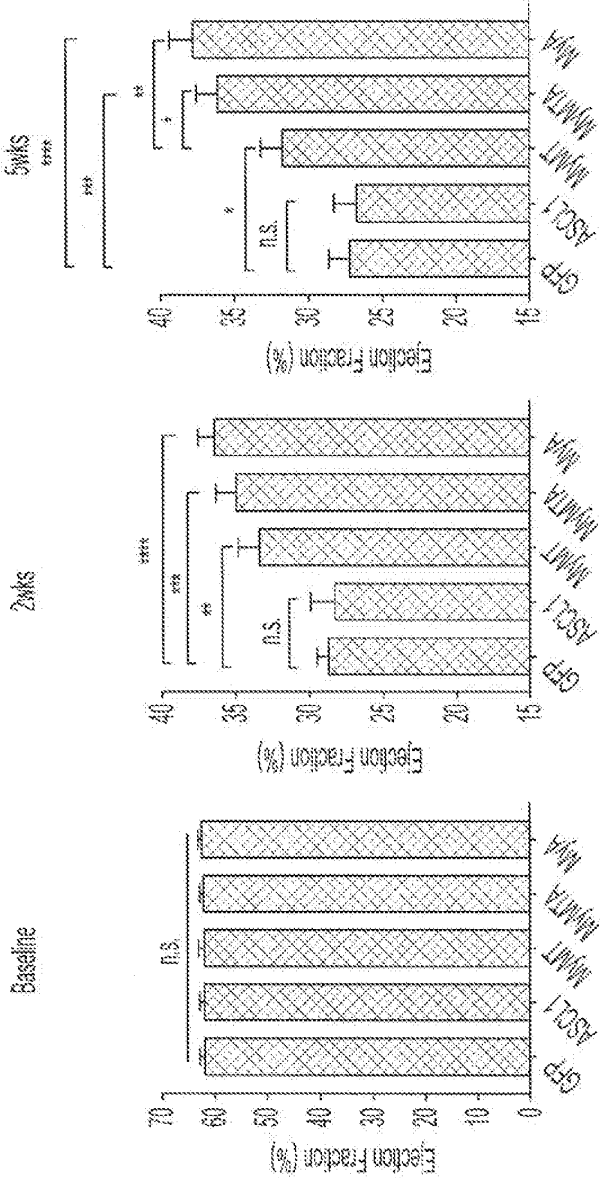


FIG. 7B

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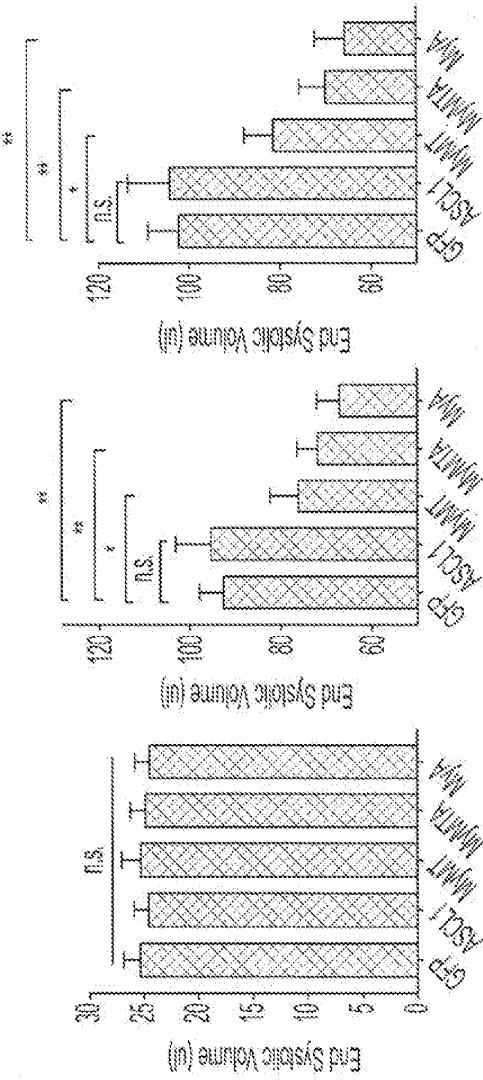


FIG. 7C

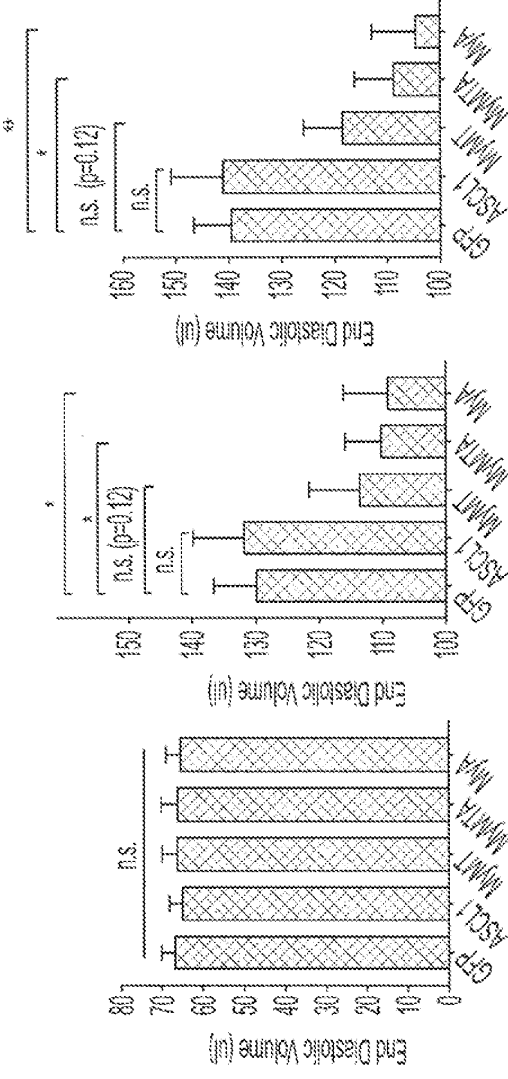


FIG. 7D

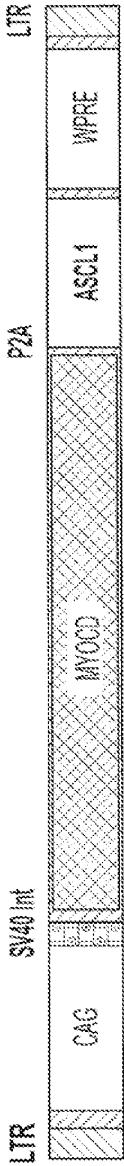


FIG. 8A



FIG. 8B

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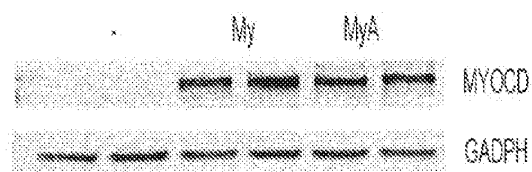


FIG. 8C

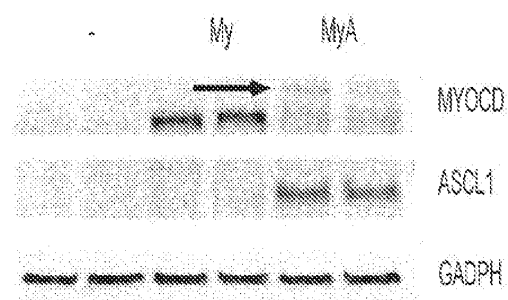


FIG. 8D

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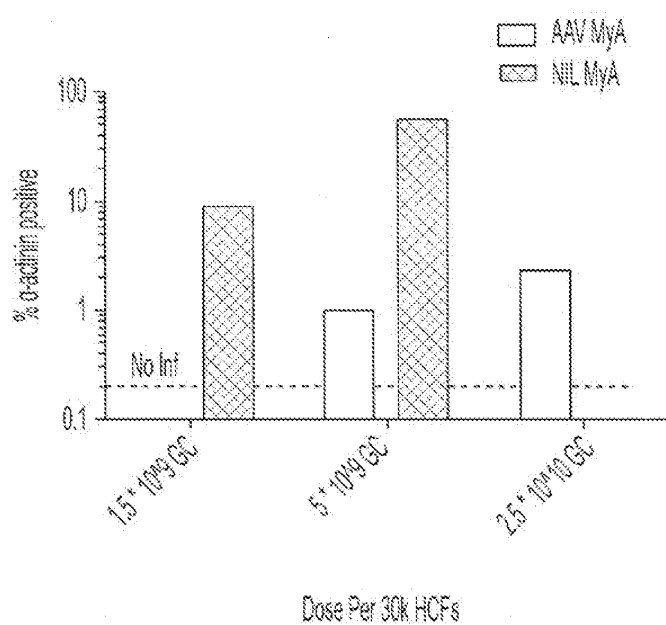


FIG. 8E

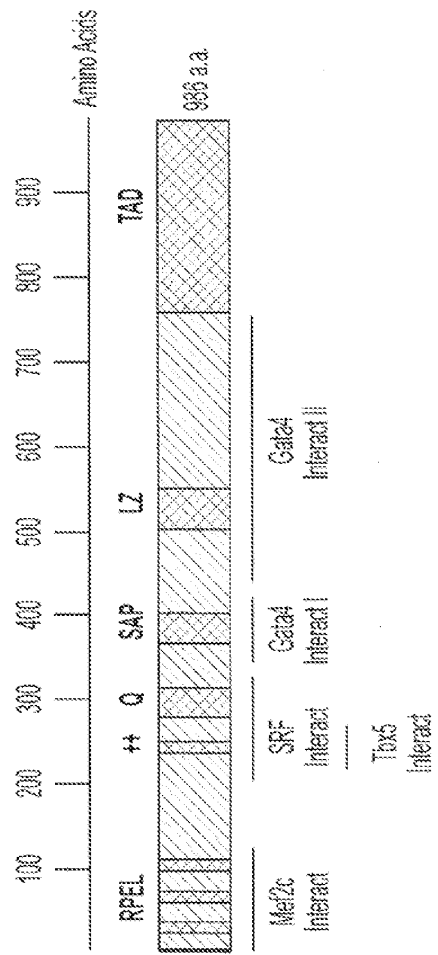


FIG. 9A

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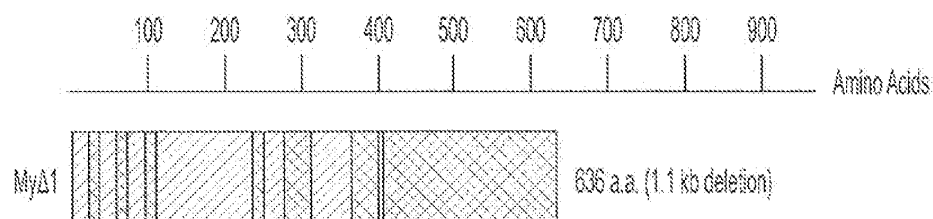


FIG. 9B

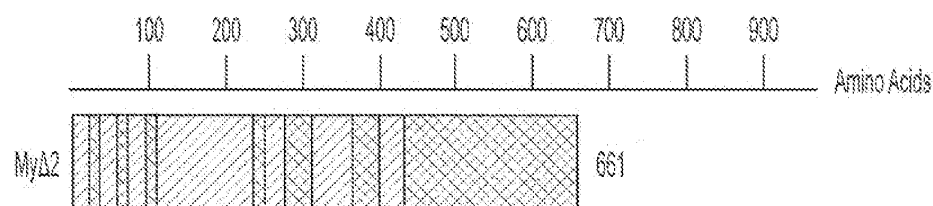


FIG. 9C

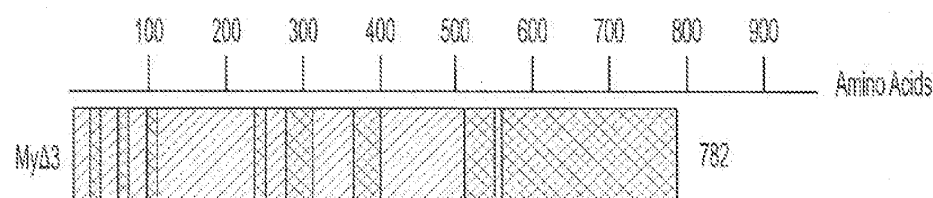


FIG. 9D

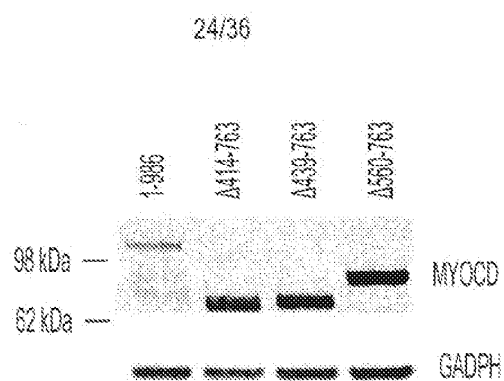


FIG. 10A

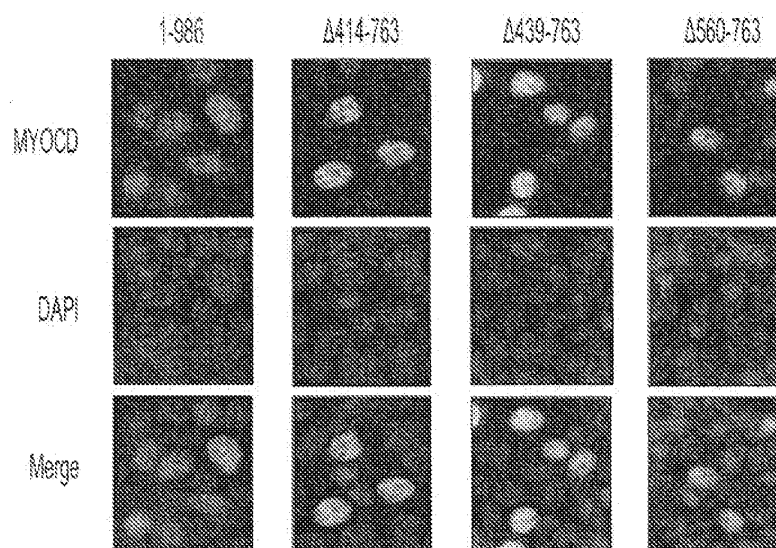


FIG. 10B

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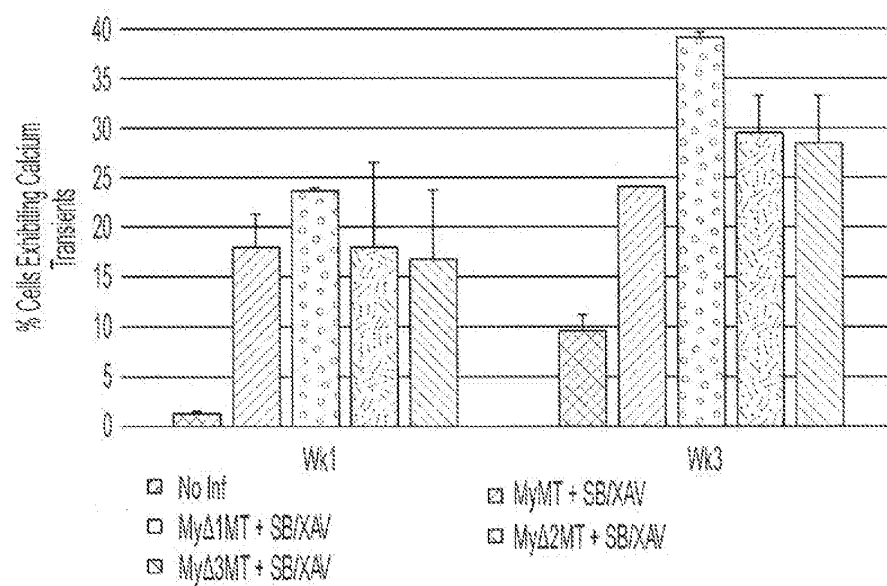


FIG. 11

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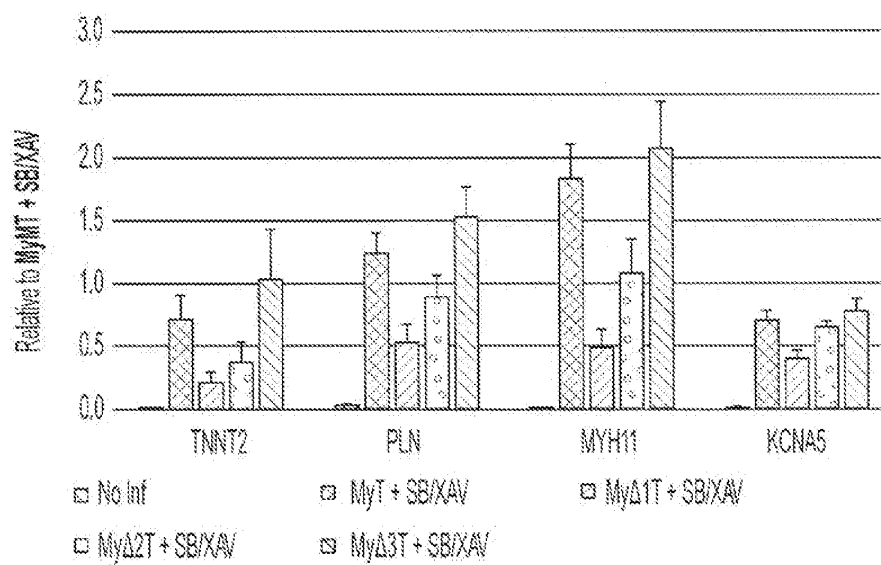


FIG. 12A

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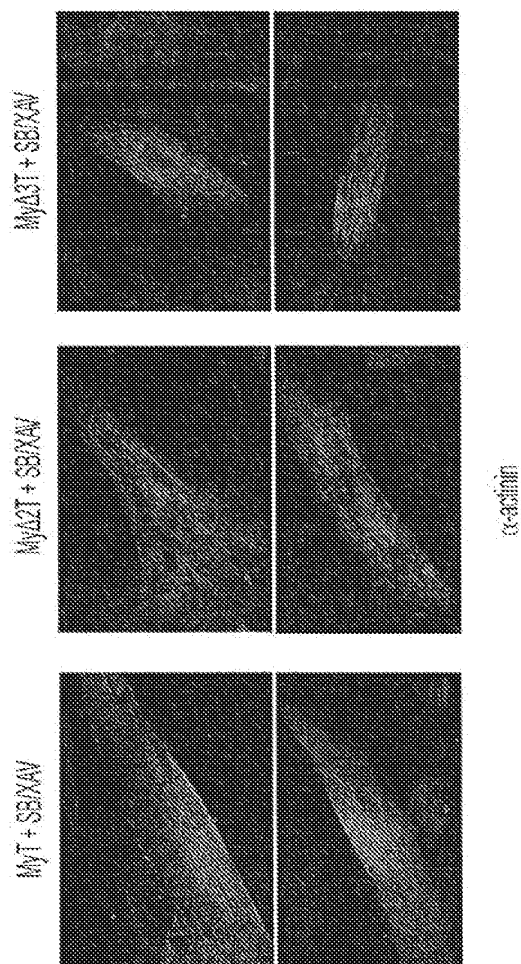


FIG. 12B



FIG. 13A



FIG. 13B

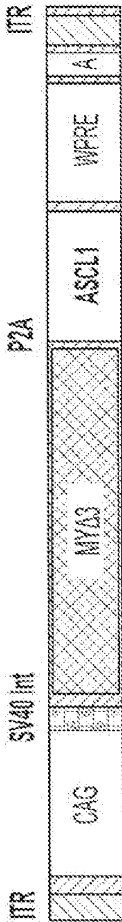


FIG. 13C

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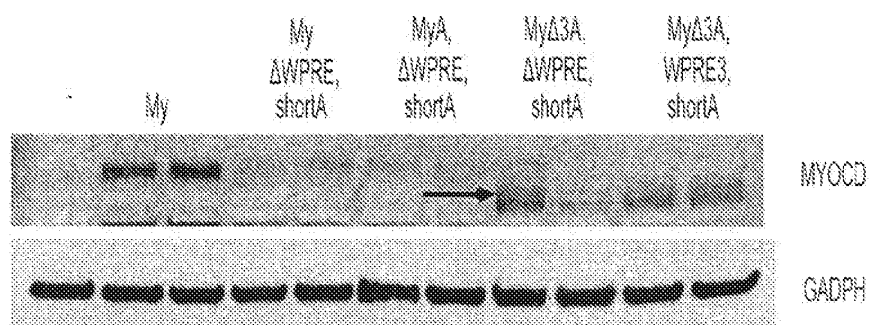


FIG. 14A

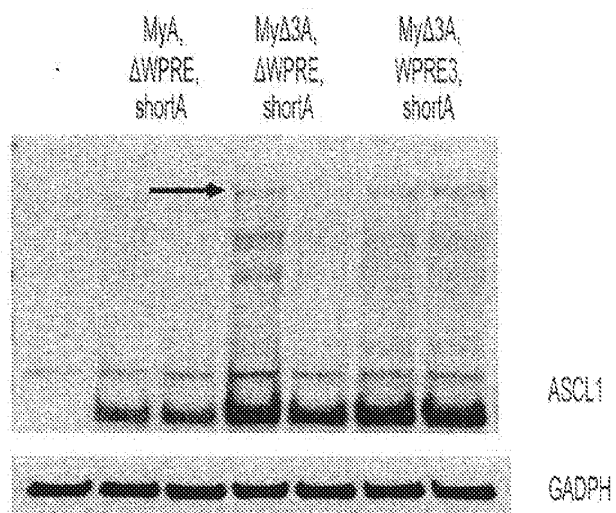


FIG. 14B

SUBSTITUTE SHEET (RULE 26)

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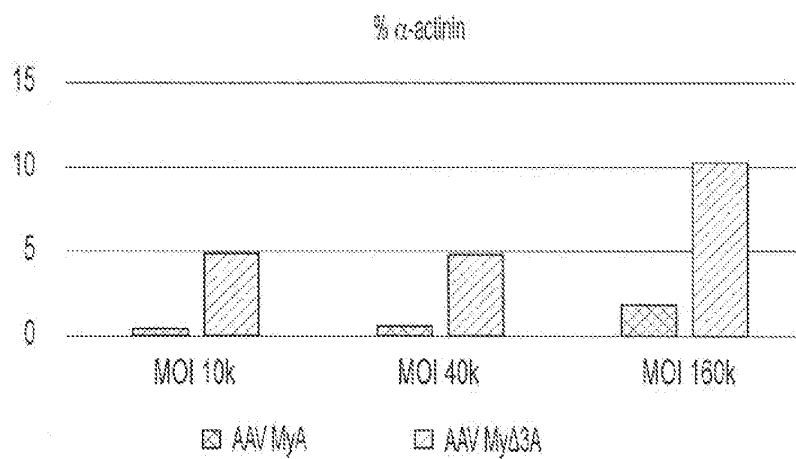


FIG. 14C

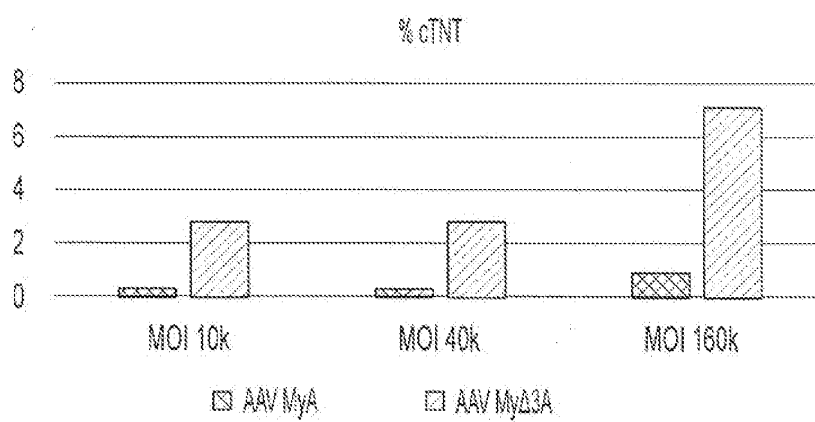


FIG. 14D

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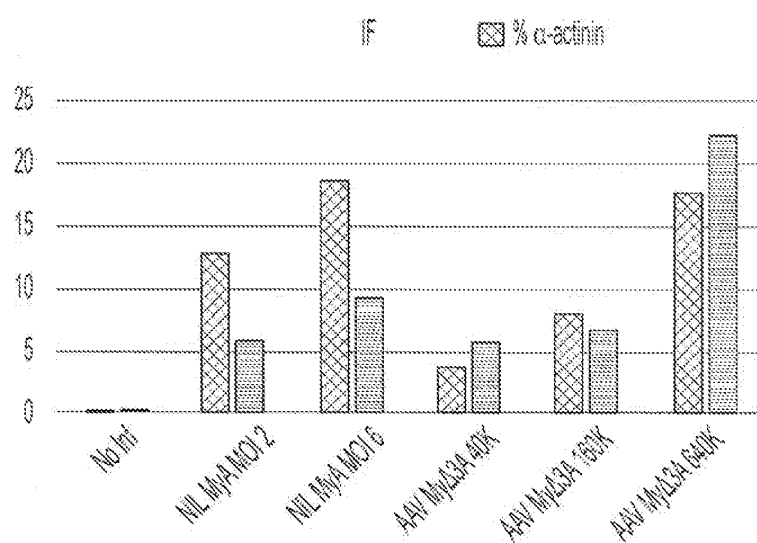


FIG. 15

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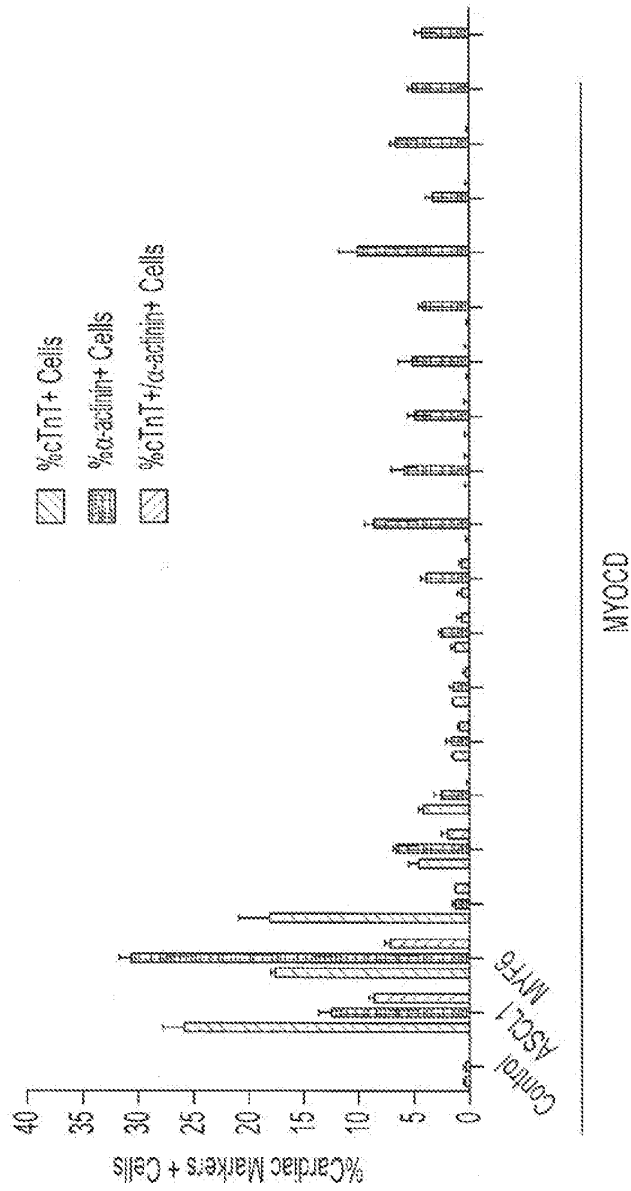


FIG. 16A

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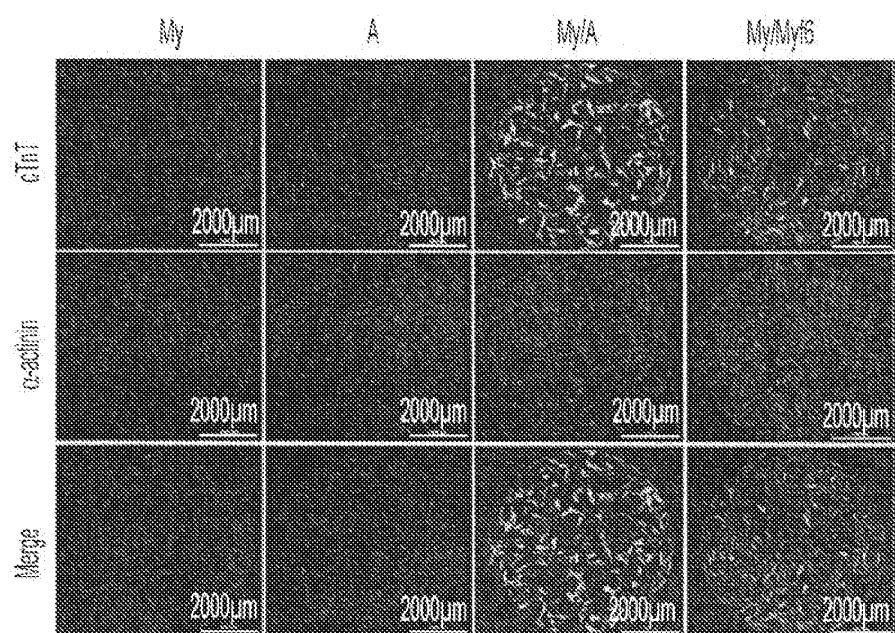


FIG. 16B

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FIG. 17A

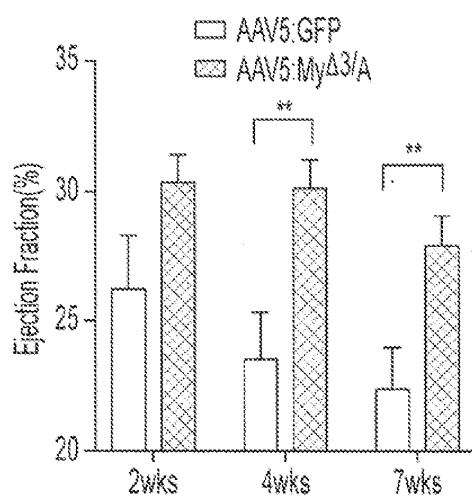


FIG. 17B

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FIG. 18A

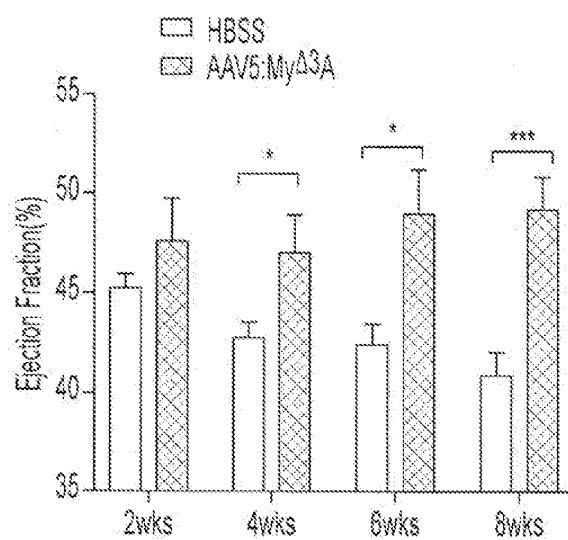


FIG. 18B

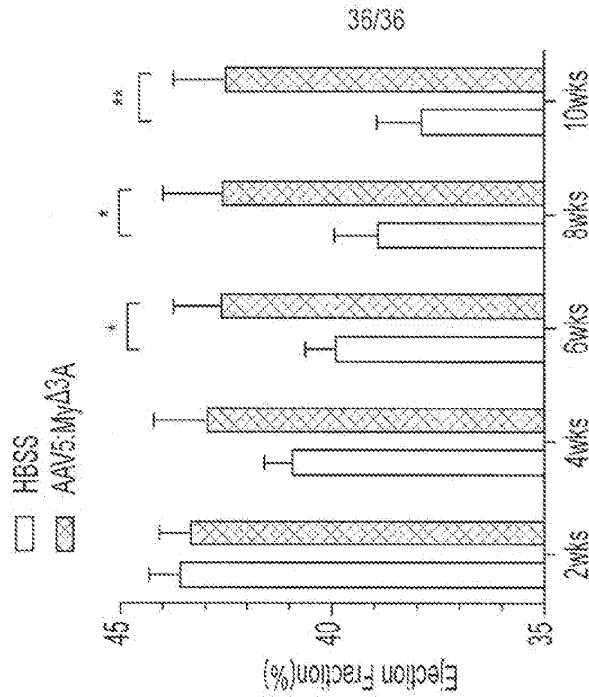


FIG. 19B

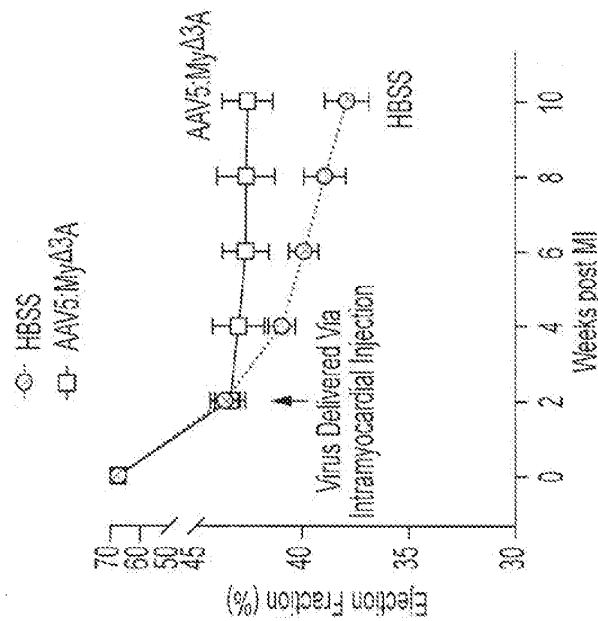


FIG. 19A