

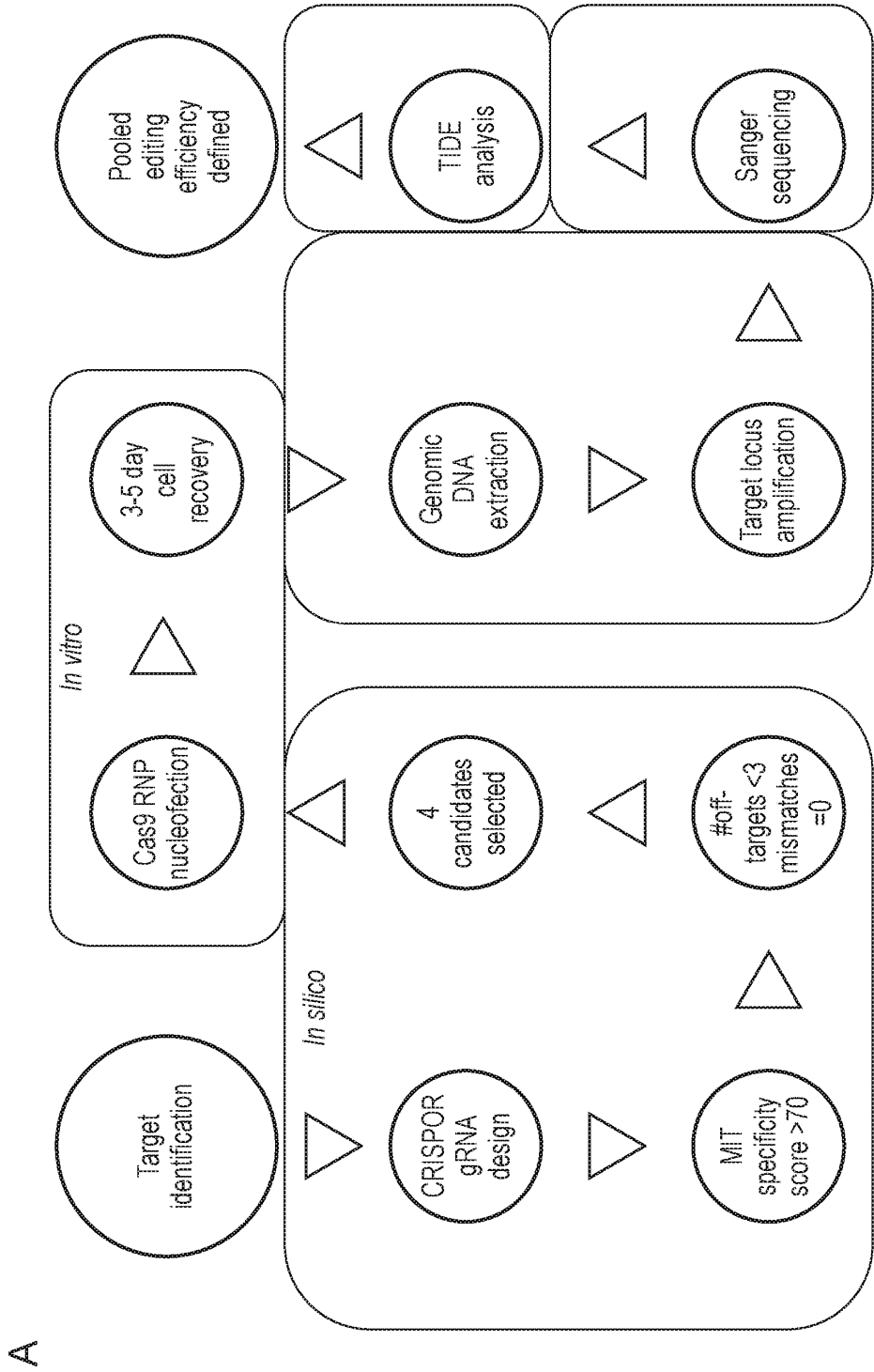


FIG. 1

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B

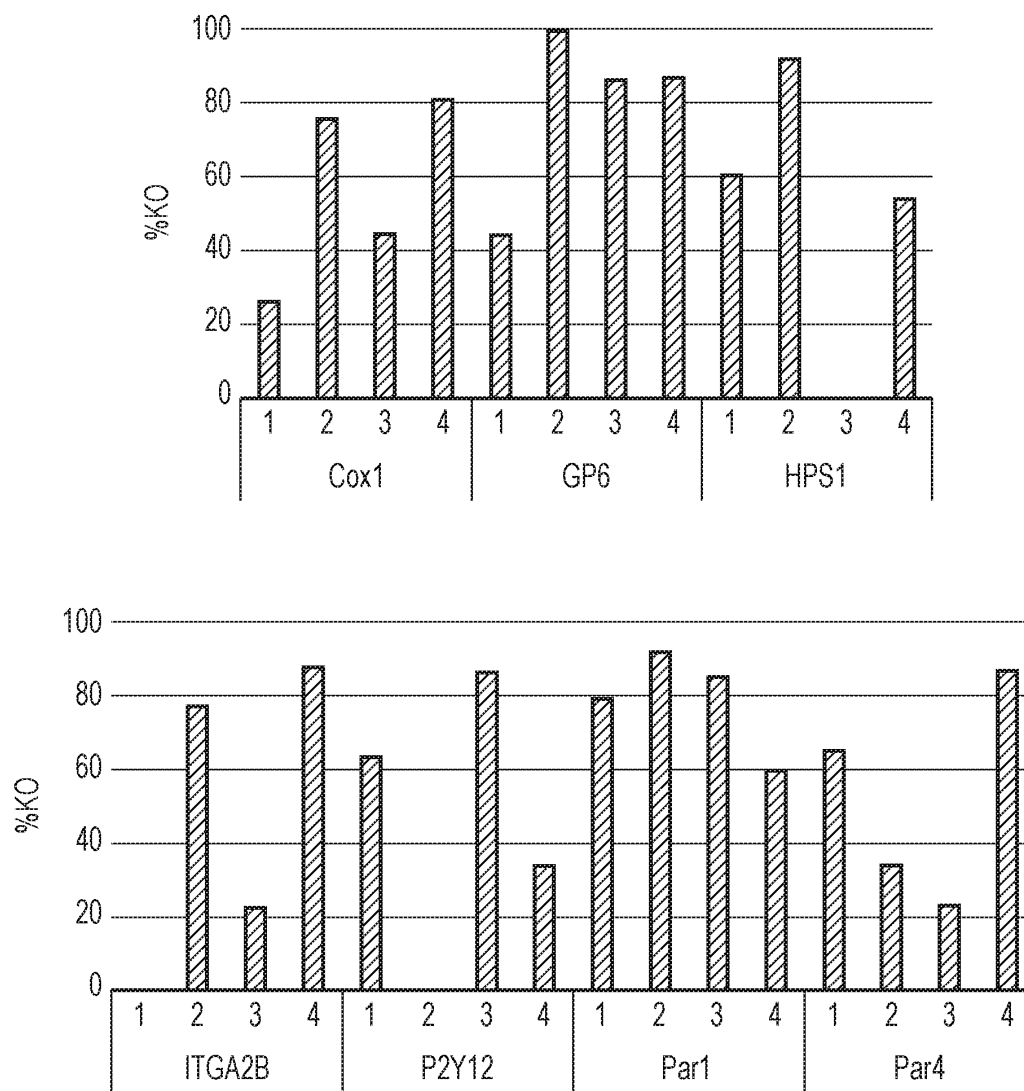


FIG. 1 (Continued)

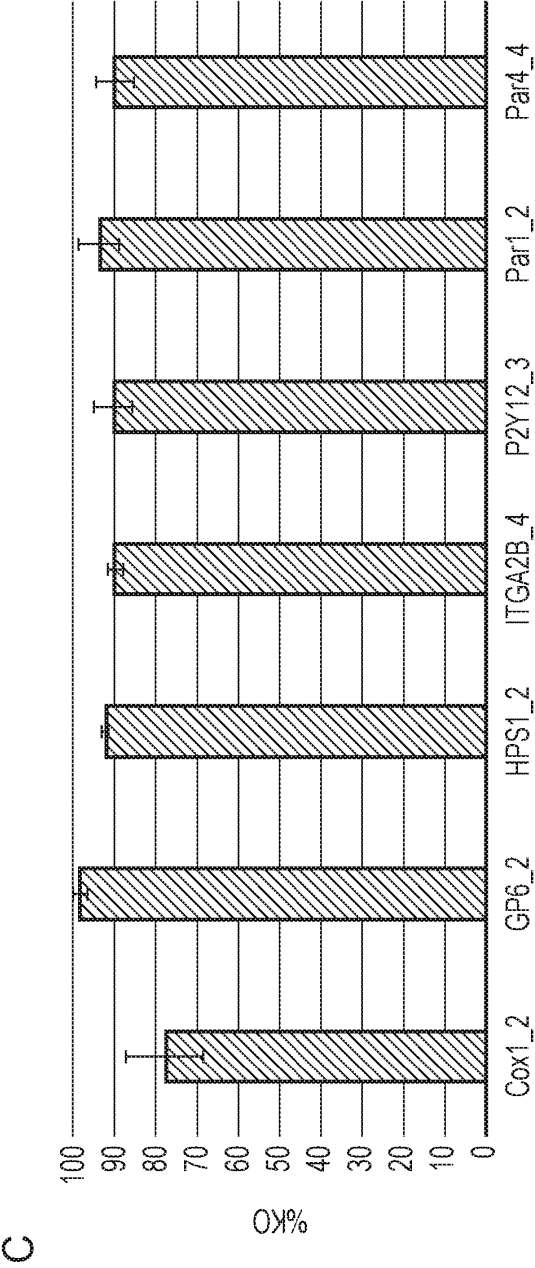


FIG. 1 (Continued)

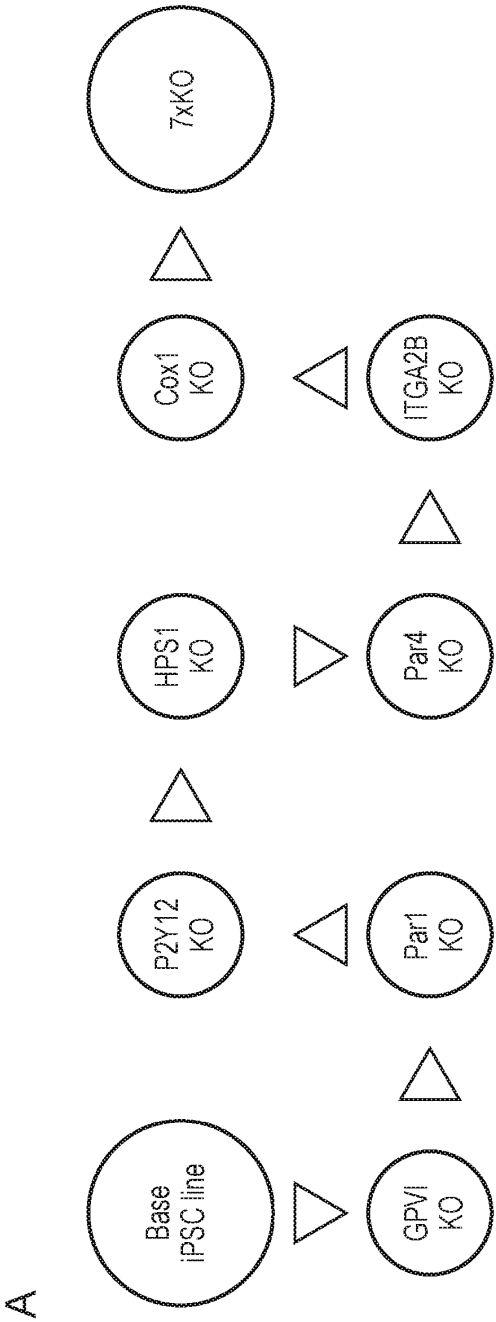
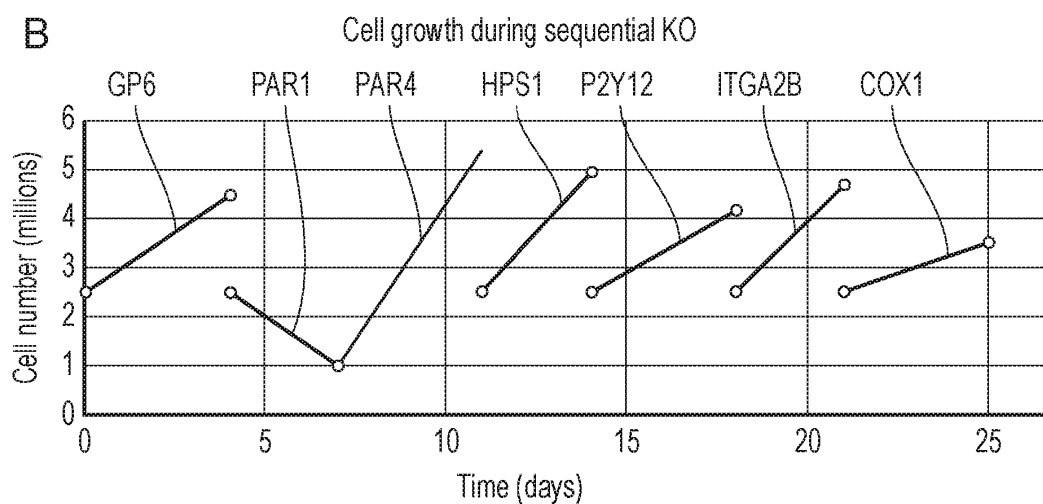


FIG. 2

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**C**

	%KO GP6	%KO PAR1	%KO PAR4	%KO HPS1	%KO P2Y12	%KO ITGA2B	%KO COX1
GP6	100%						
PAR1	100%	98%					
PAR4	100%	97%	96%				
HPS1	100%	99%	97%	95%			
P2Y12	100%	99%	96%	96%	95%		
ITGA2B	100%	99%	95%	96%	95%	96%	
COX1	100%	99%	97%	96%	94%	97%	59%

Single-cell sort & clonal expansion

FIG. 2 (Continued)

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A

Sequencing round 1:

	GP6	Par1	Par4	HPS1	P2Y12	ITGA2B	Cox1		GP6	Par1	Par4	HPS1	P2Y12	ITGA2B	Cox1
1				99		99		23	97	97	99	99	99	92	6
2	100			99	100	97	97	24	100	97		97	98	96	0
3	100	1	49	97	98	99	96	25	96	99	99	97	72	100	84
4	100	96	11	88	49	91		26	100	97		99	98	92	100
5	86	94		100	95	62	43	27	100	51	99	97	16	28	
6	100	89	99	99		99		28	100	96	99	98	48	99	0
7	100	95	99	99		99		29	100	28	95	95	89	41	47
8			95	4		100		30	100	99	100	99	97	99	0
9	52	99	99		100	99		31	100	0	73	99	97	99	47
10	100	0	95	97	98	39	0	32	96	86	95	47	98	90	100
11	95	96	99	47	30	99	100	33	56	96	32	97	98	99	0
12	100	96	47	99	98	99	3	34	100	99	96	99	99	99	
13	100	94	89	96	49	93		35	97	99	67	99	94	99	
14	100	38	99	99	99	94		36	100	93	22	89	54		95
15	100	96	96	90	98	100	100	37	10	95	95	99	52	49	43
16	100	99	96	90	49	91	53	38	100	1	99	98	89	48	
17	100	38	95	53	97	99		39	49	99	100	47	98	50	0
18	51	93	96	42	15	63		40	100	99	26	97	98	99	54
19	100	99	99	96	94	94		41	1	99	100		98		
20	100	99	17	99	96	94	95	42	42	96		85	48	99	
21	96	46	99	96	96	50	99	43	49	98		99	51	43	81
22	100	52	68	97	38	96	0	44	100	99		96	98	91	

B

Sequencing round 2:

clone ID	GP6	Par1	Par4	HPS1	P2Y12	ITGA2B	Cox1	clone ID	GP6	Par1	Par4	HPS1	P2Y12	ITGA2B	Cox1
1		0	98	99	0	99	100	20	100	99	20	99	96	94	95
2	100		95	99	100	97	97	23	97	97	99	99	99	92	6
5	86	92		100	95	99	43	26	100	97	79	99	98	92	100
6	100	89	99	99	100	99	90	29	100	12	95	99	90	100	47
7	100	95	99	99		99		34	100	99	96	99	99	99	100
8	99	2	95	100	100	100		35	97	99	67	99	100	99	100
9	100	99	99	99	100	99		38	100	1	99	98	89	99	
12	100	96	48	99	98	99	3	40	100	99	26	97	98	99	50
14	100	39	99	99	99	94	100	41	20	99	100	97	98	48	100
17	100	26	95	99	97	99		44	100	99	100	96	98	99	50
19	100	99	99	96	97	94									

FIG. 3

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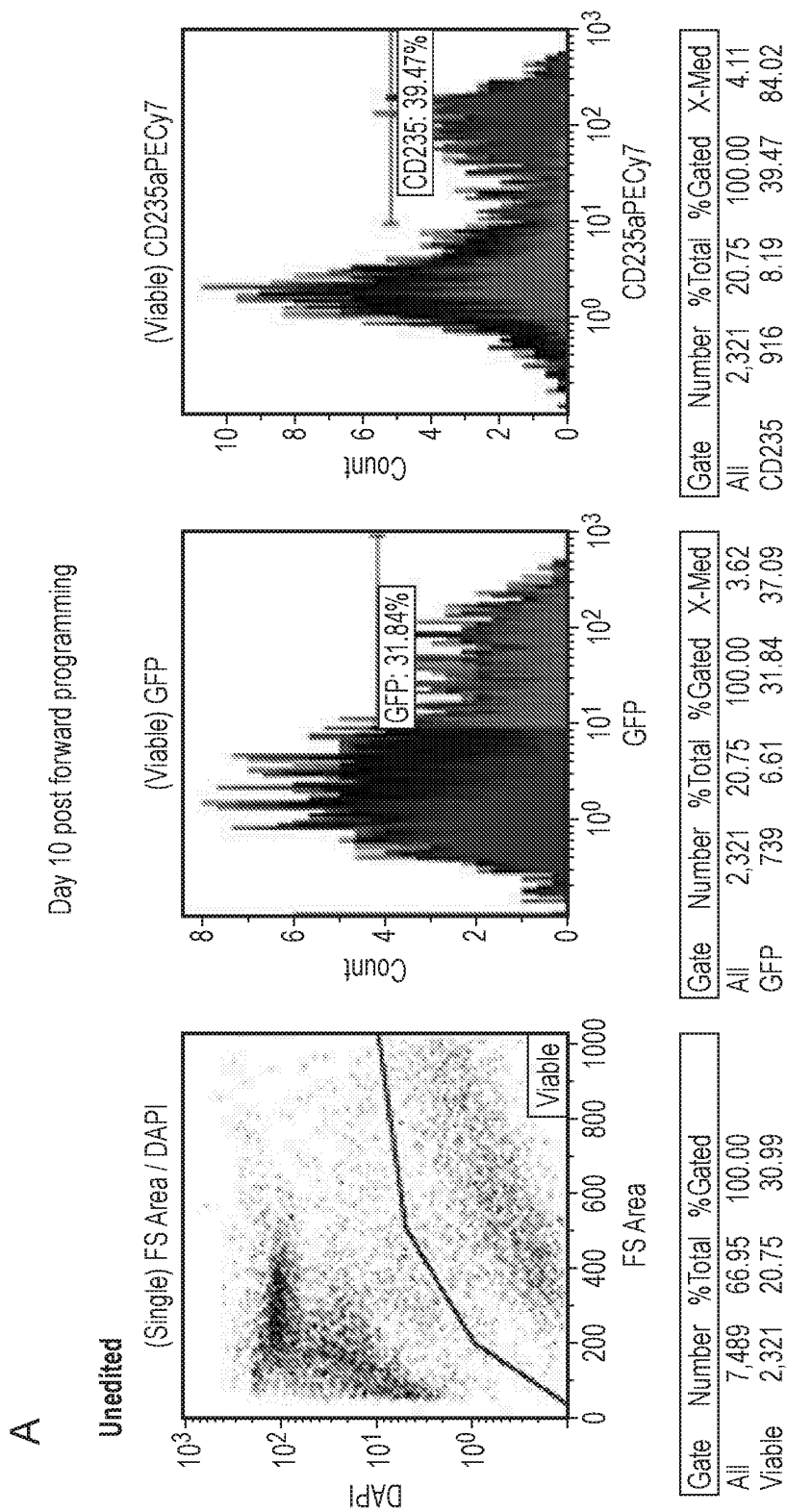


FIG. 4

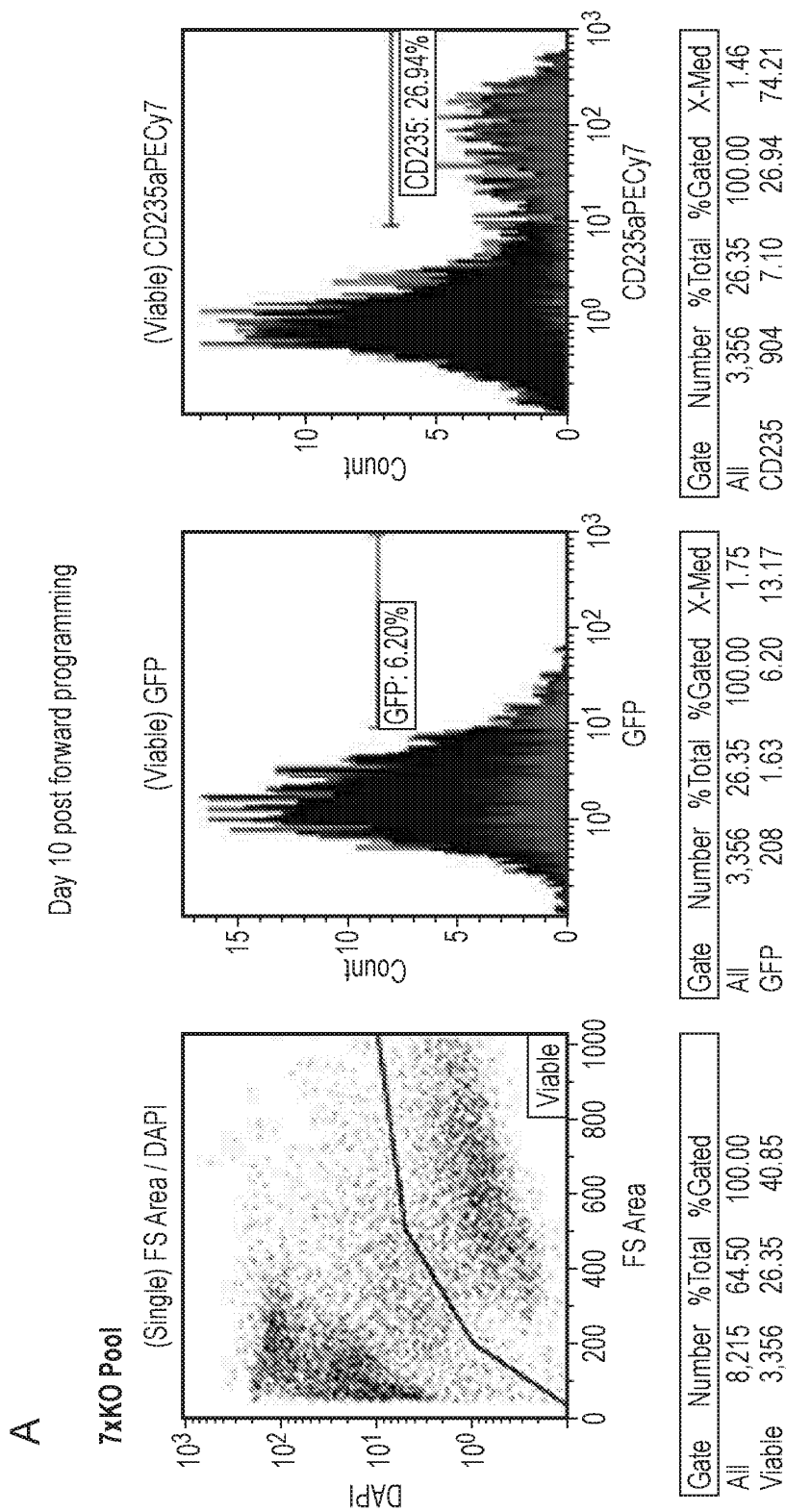


FIG. 4 (Continued)

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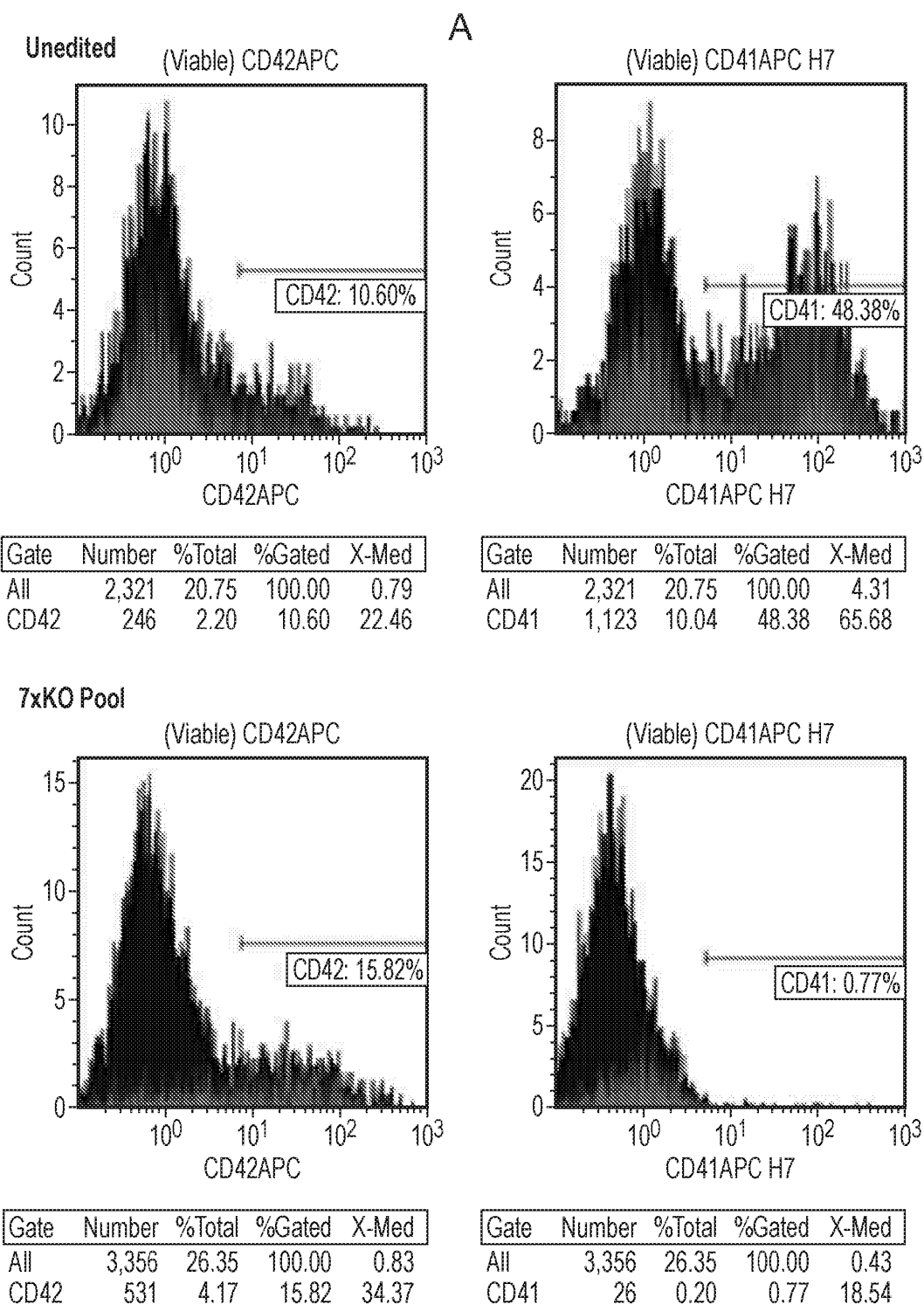


FIG. 4 (Continued)

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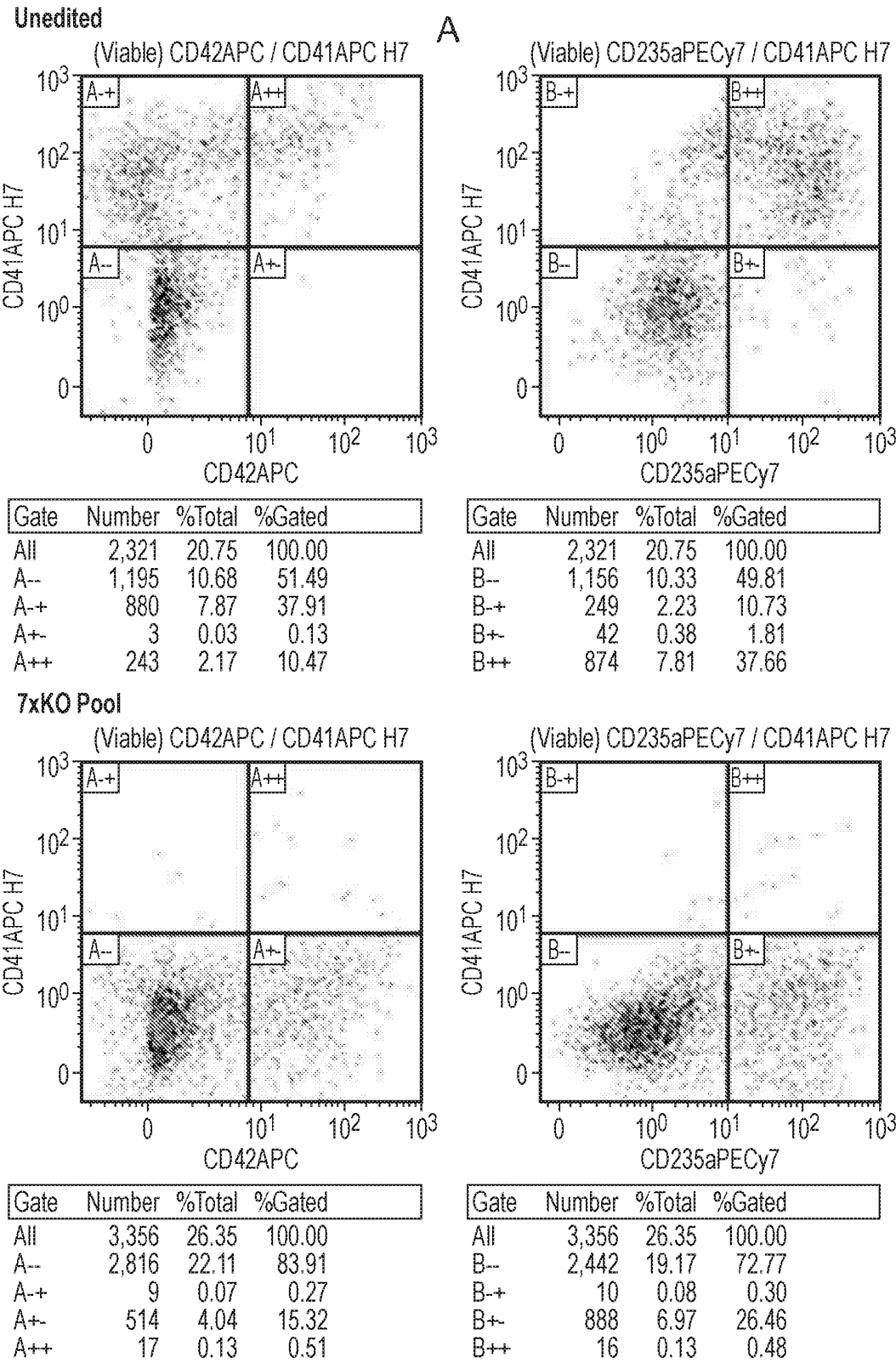


FIG. 4 (Continued)

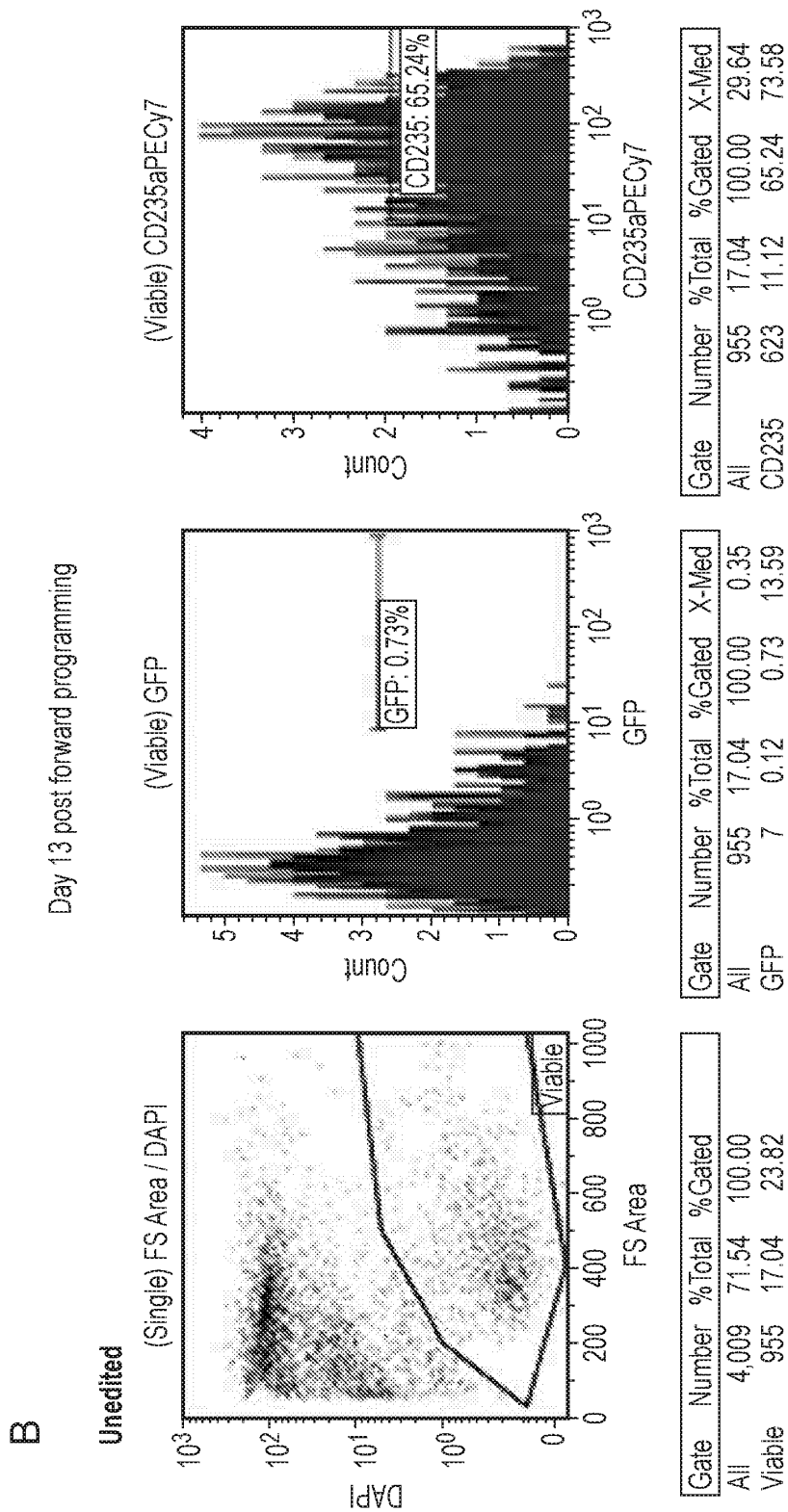


FIG. 4 (Continued)

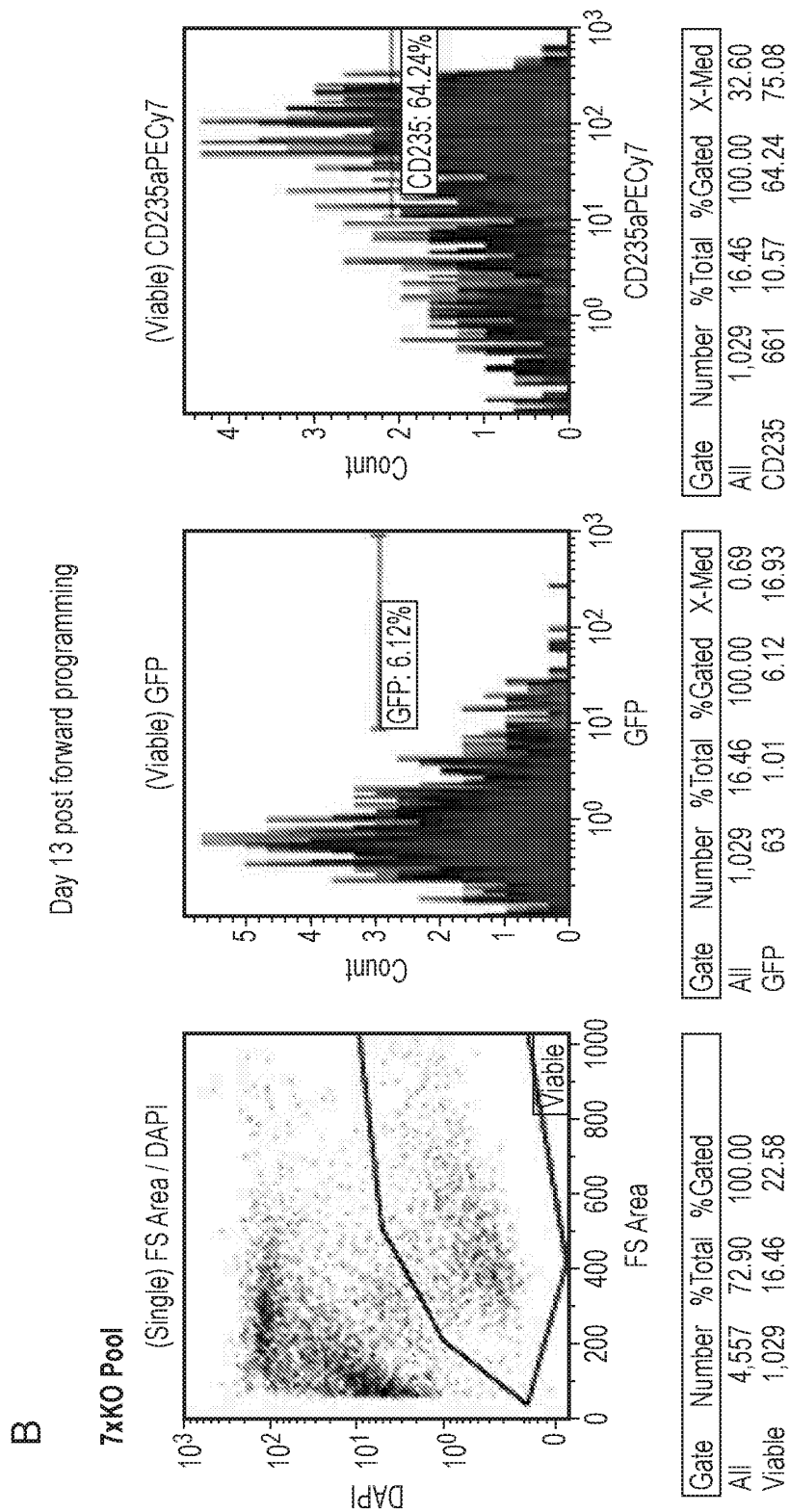


FIG. 4 (Continued)

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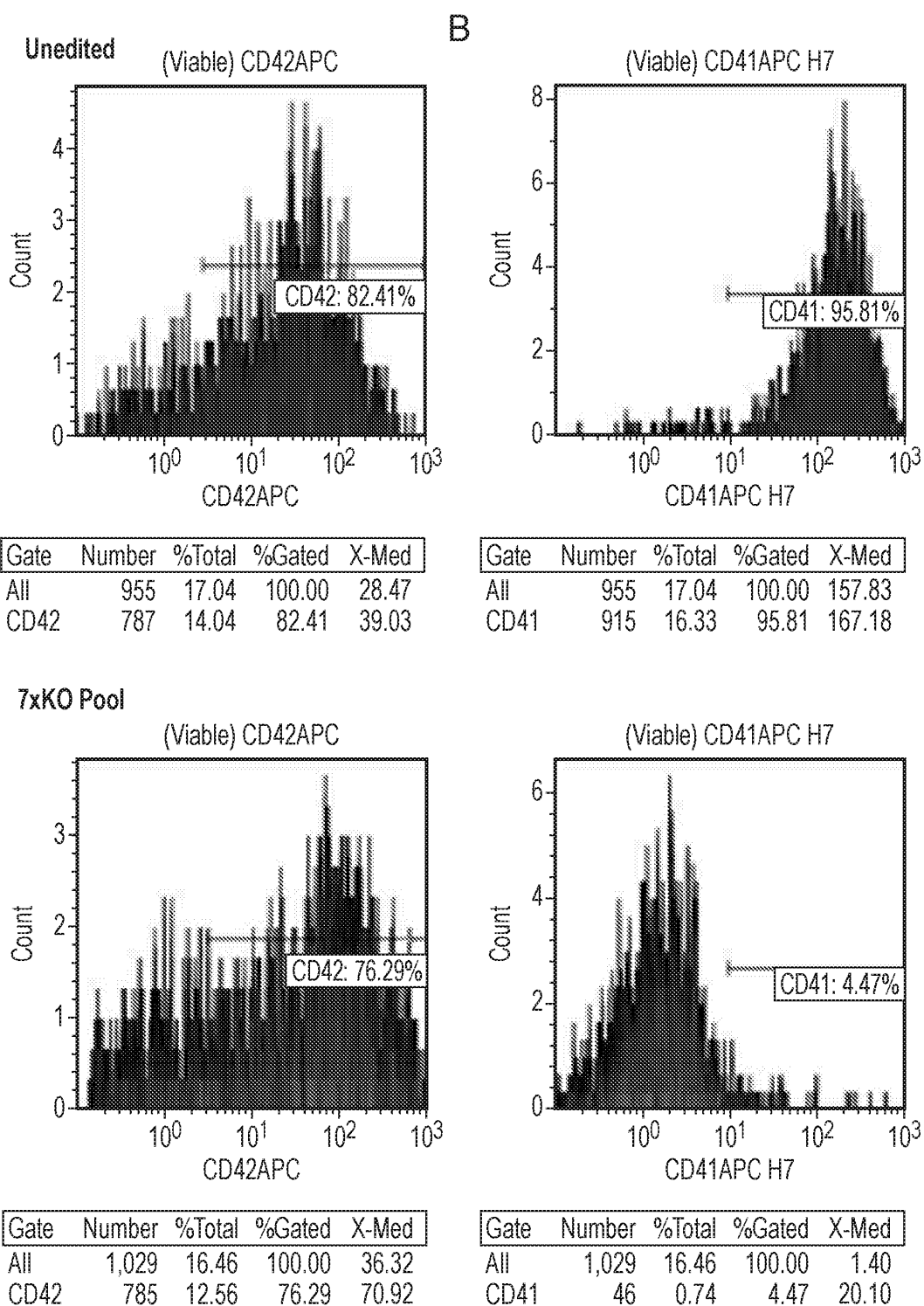


FIG. 4 (Continued)

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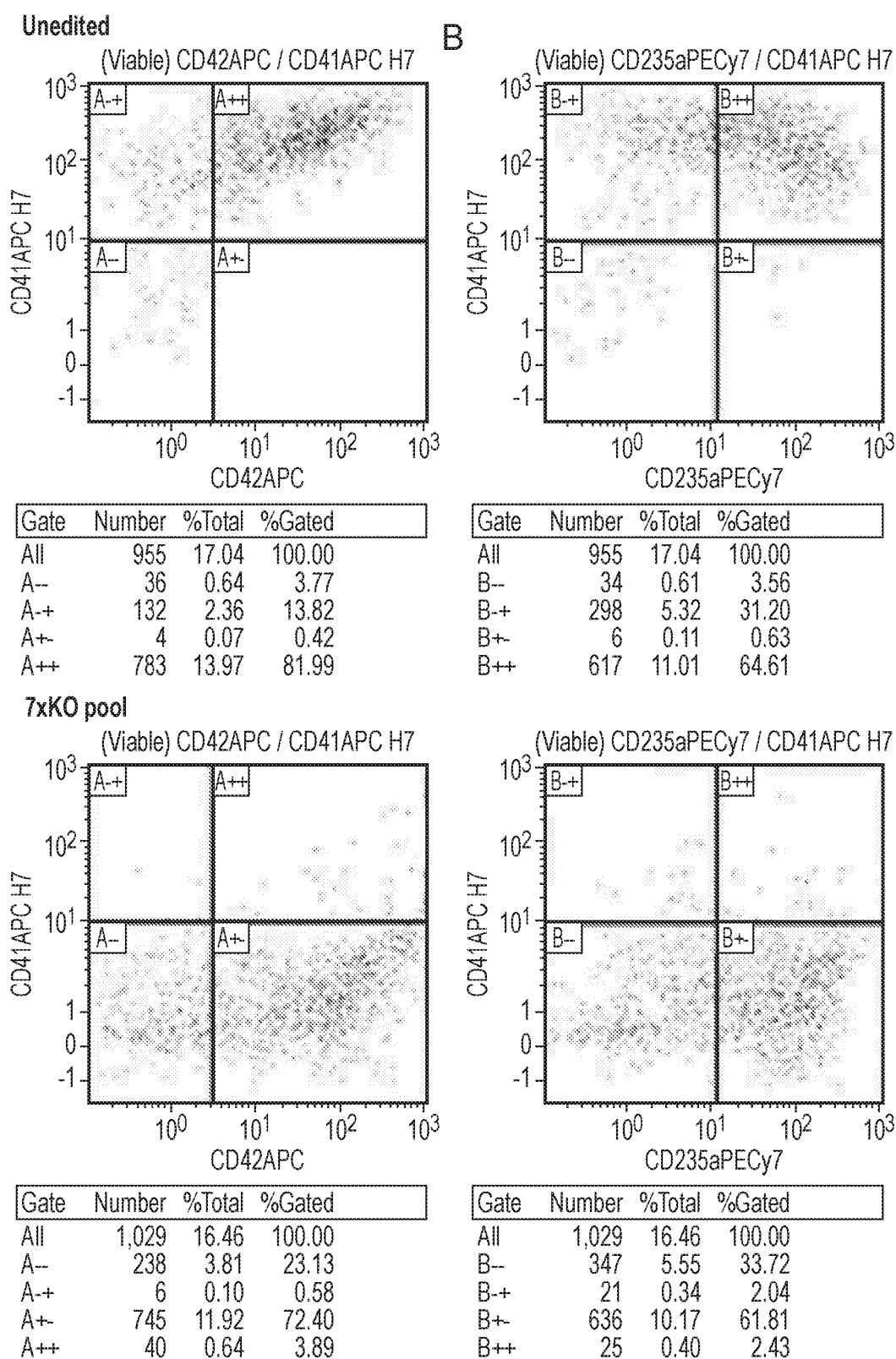


FIG. 4 (Continued)

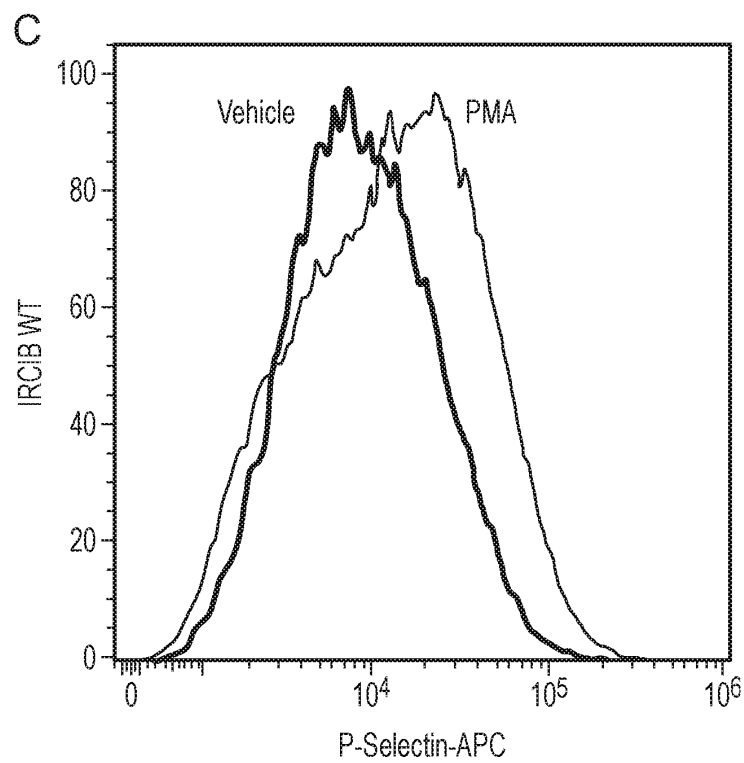
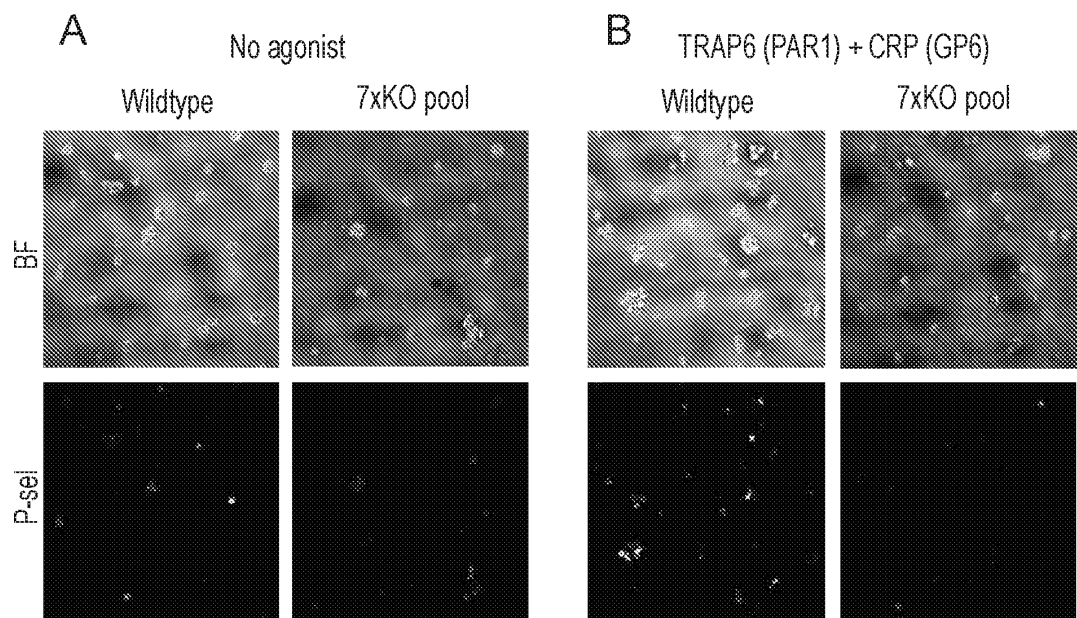


FIG. 5

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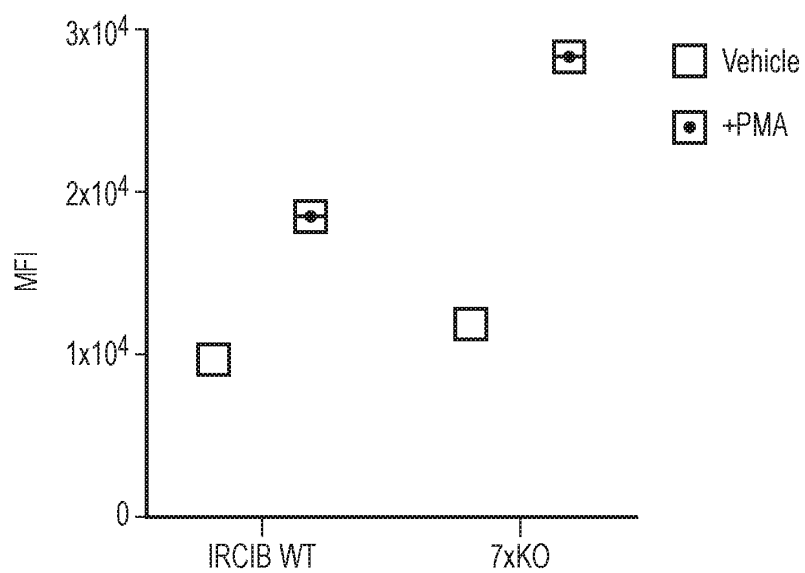
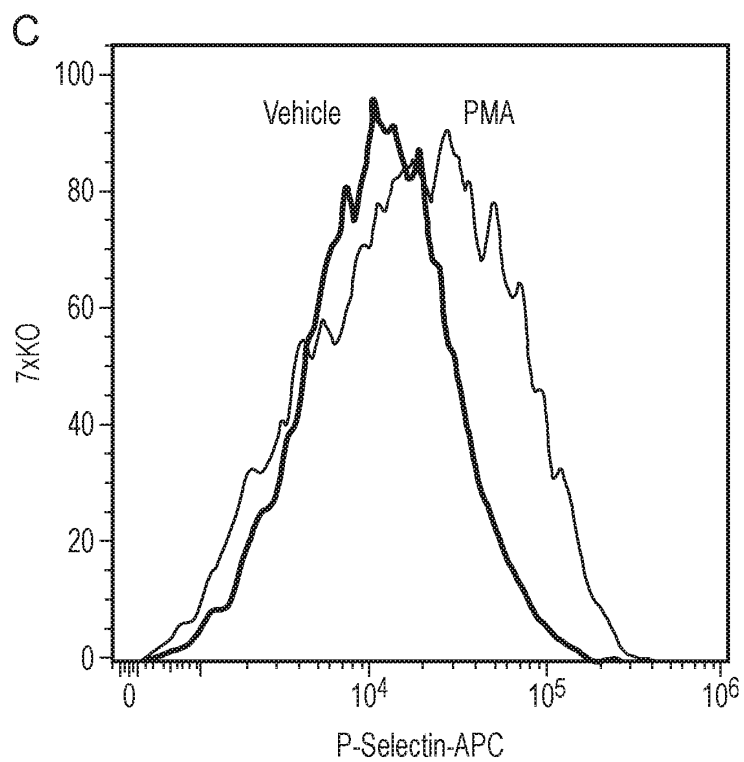


FIG. 5 (Continued)

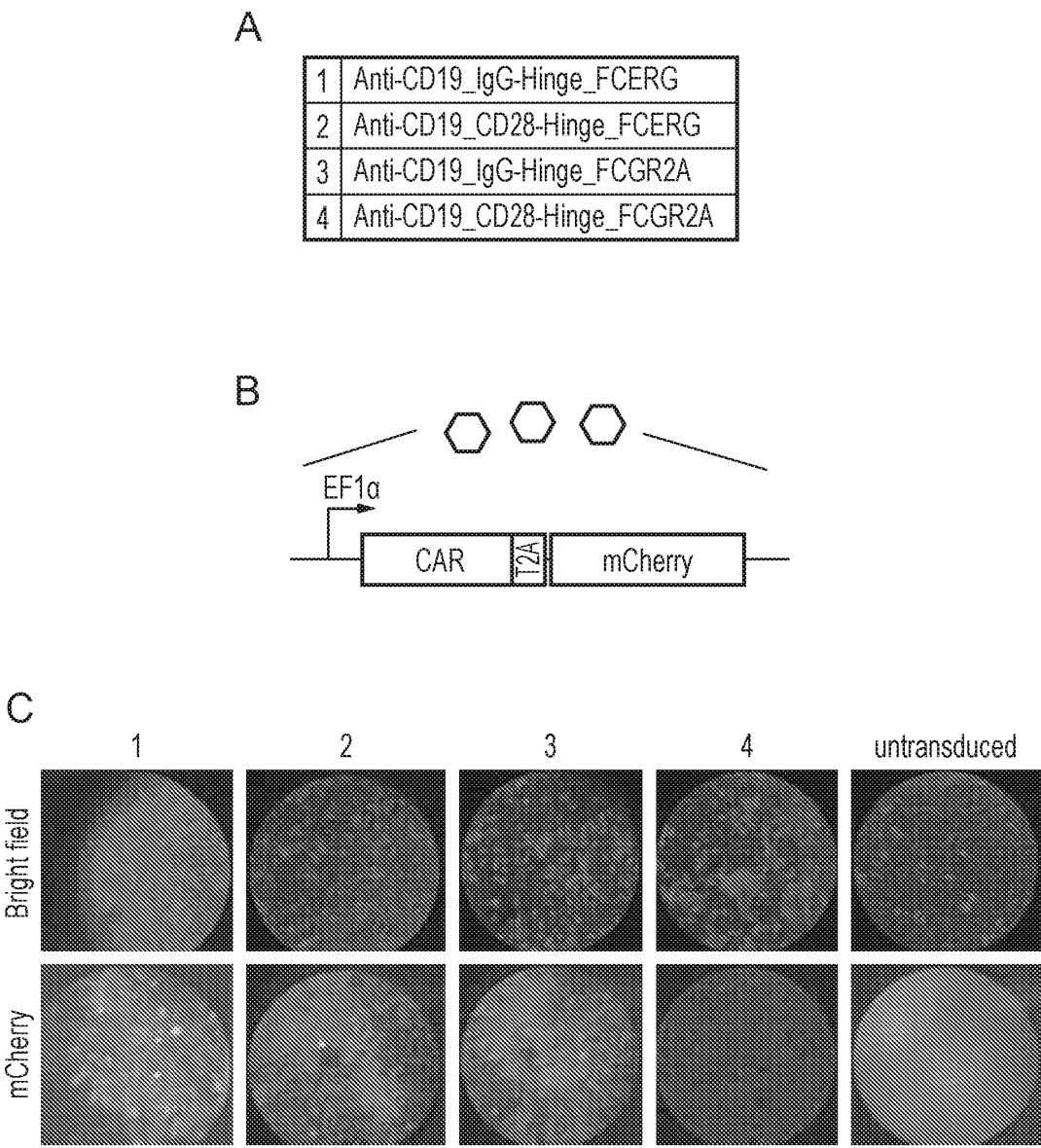


FIG. 6

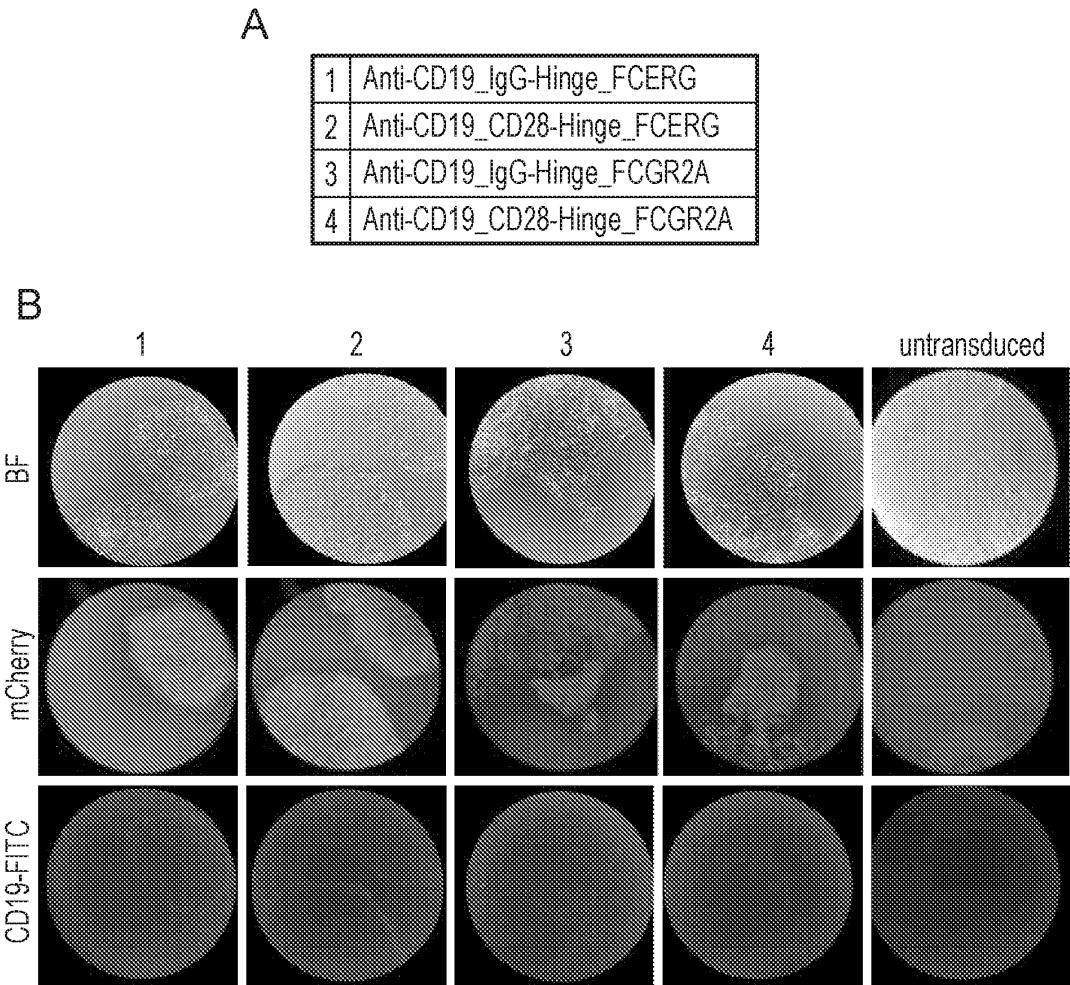


FIG. 7

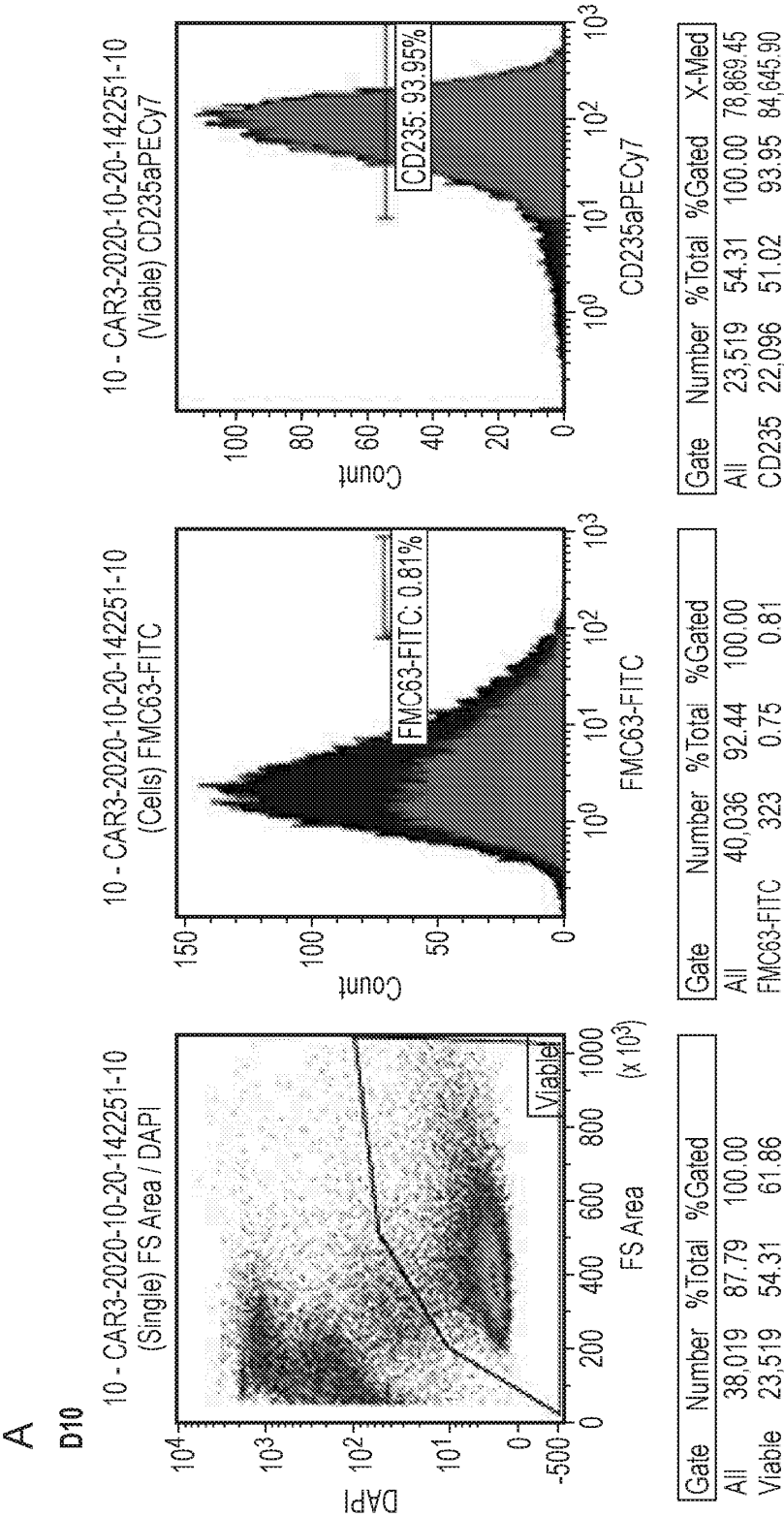


FIG. 8

(Single) FS Area / DAPI

Gate	Number	%Total	%Gated
All	40,164	87.48	100.00
Viable	19,086	41.57	47.52

(Viable) GFP

Gate	Number	%Total	%Gated	X-Med
All	19,086	41.57	100.00	1.09
GFP	2,430	5.29	12.73	20.53

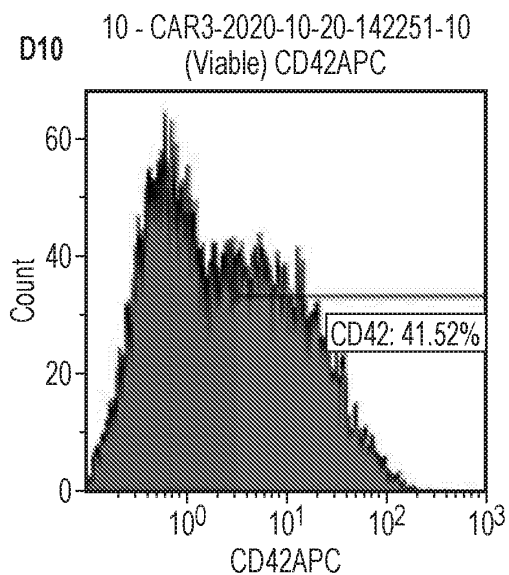
(Viable) CD235aPECy7

Gate	Number	%Total	%Gated	X-Med
All	19,086	41.57	100.00	4.82
CD235	5,795	12.62	30.36	19.58

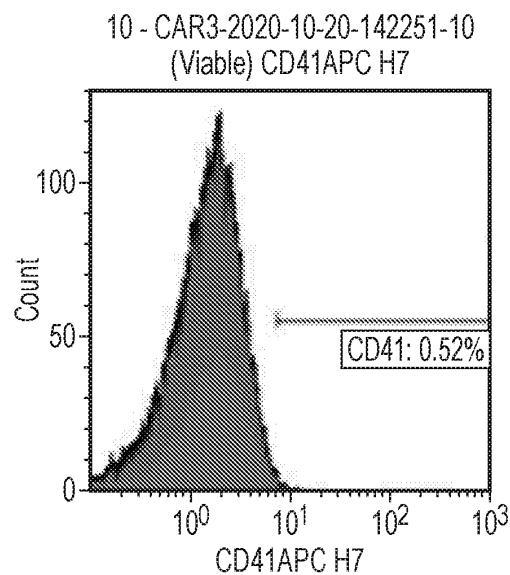
FIG. 8 (Continued)

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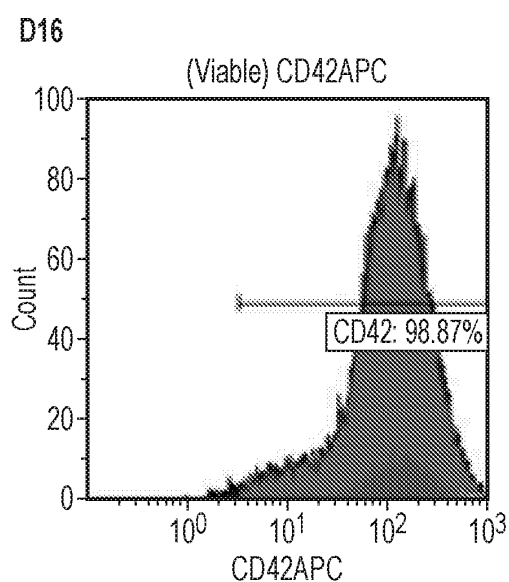
A



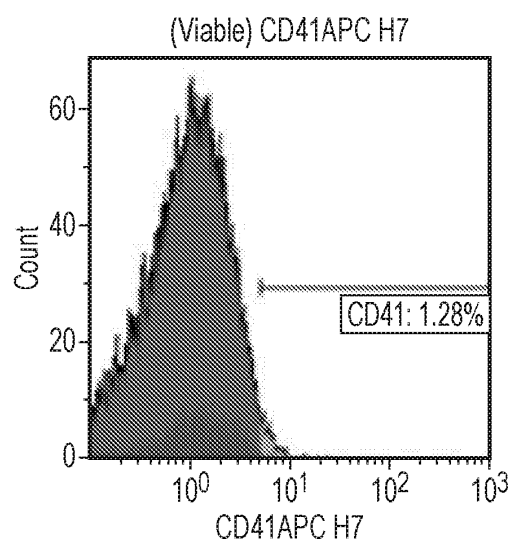
Gate	Number	%Total	%Gated	X-Med
All	23,519	54.31	100.00	2,153.10
CD42	9,764	22.55	41.52	11,588.77



Gate	Number	%Total	%Gated	X-Med
All	23,519	54.31	100.00	1,519.84
CD41	123	0.28	0.52	8,893.38



Gate	Number	%Total	%Gated	X-Med
All	19,086	41.57	100.00	111.91
CD42	18,871	41.10	98.87	113.37



Gate	Number	%Total	%Gated	X-Med
All	19,086	41.57	100.00	0.77
CD41	244	0.53	1.28	6.68

FIG. 8 (Continued)

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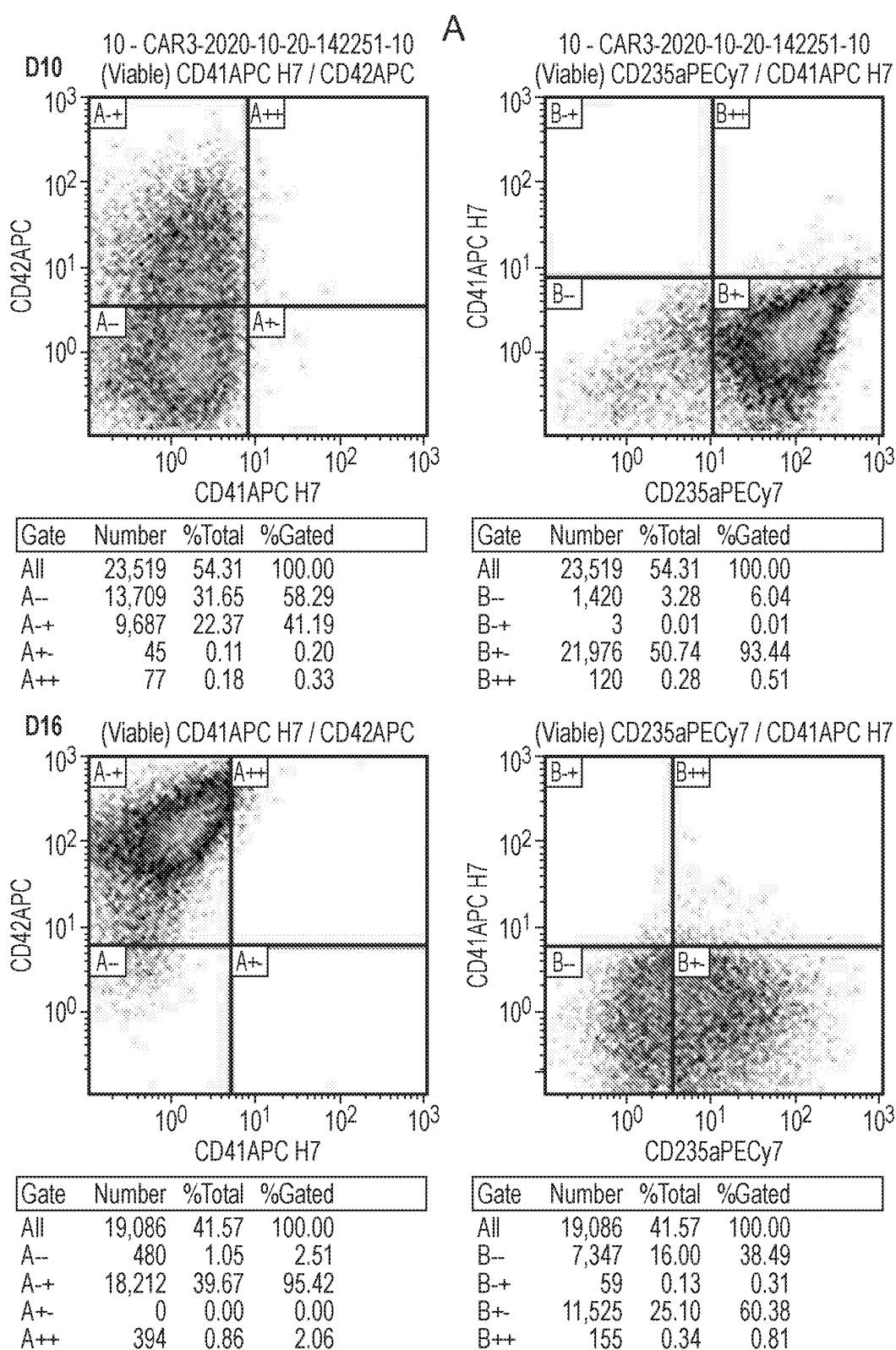


FIG. 8 (Continued)

SUBSTITUTE SHEET (RULE 26)

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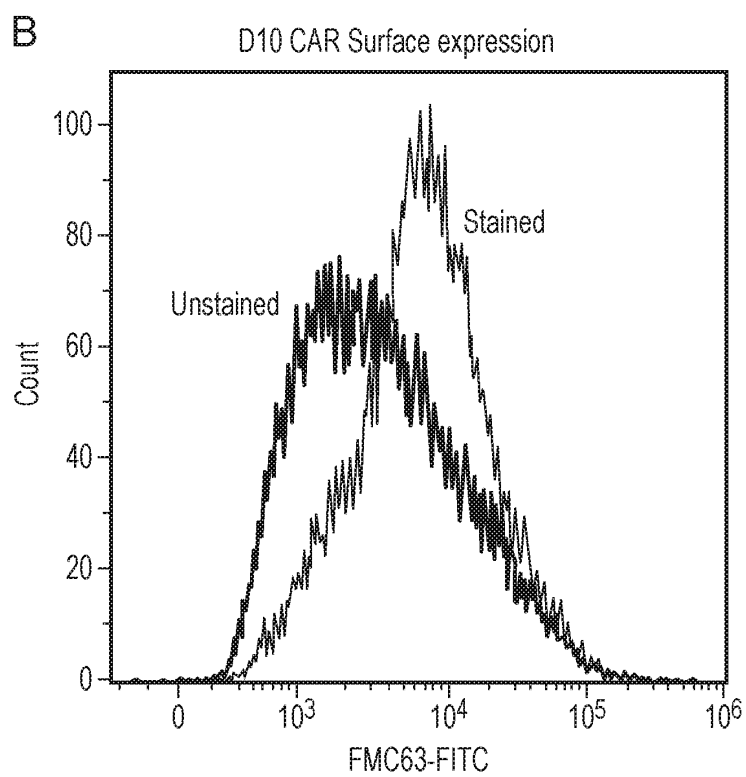


FIG. 8 (Continued)

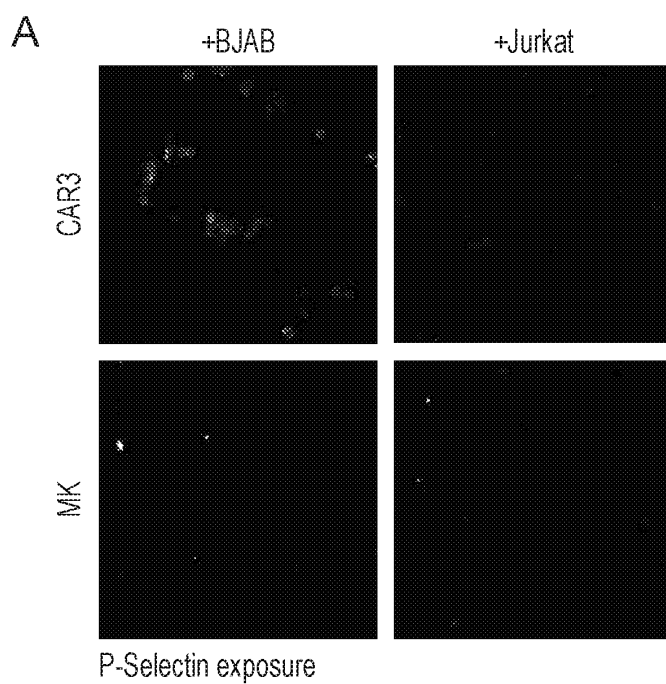


FIG. 9

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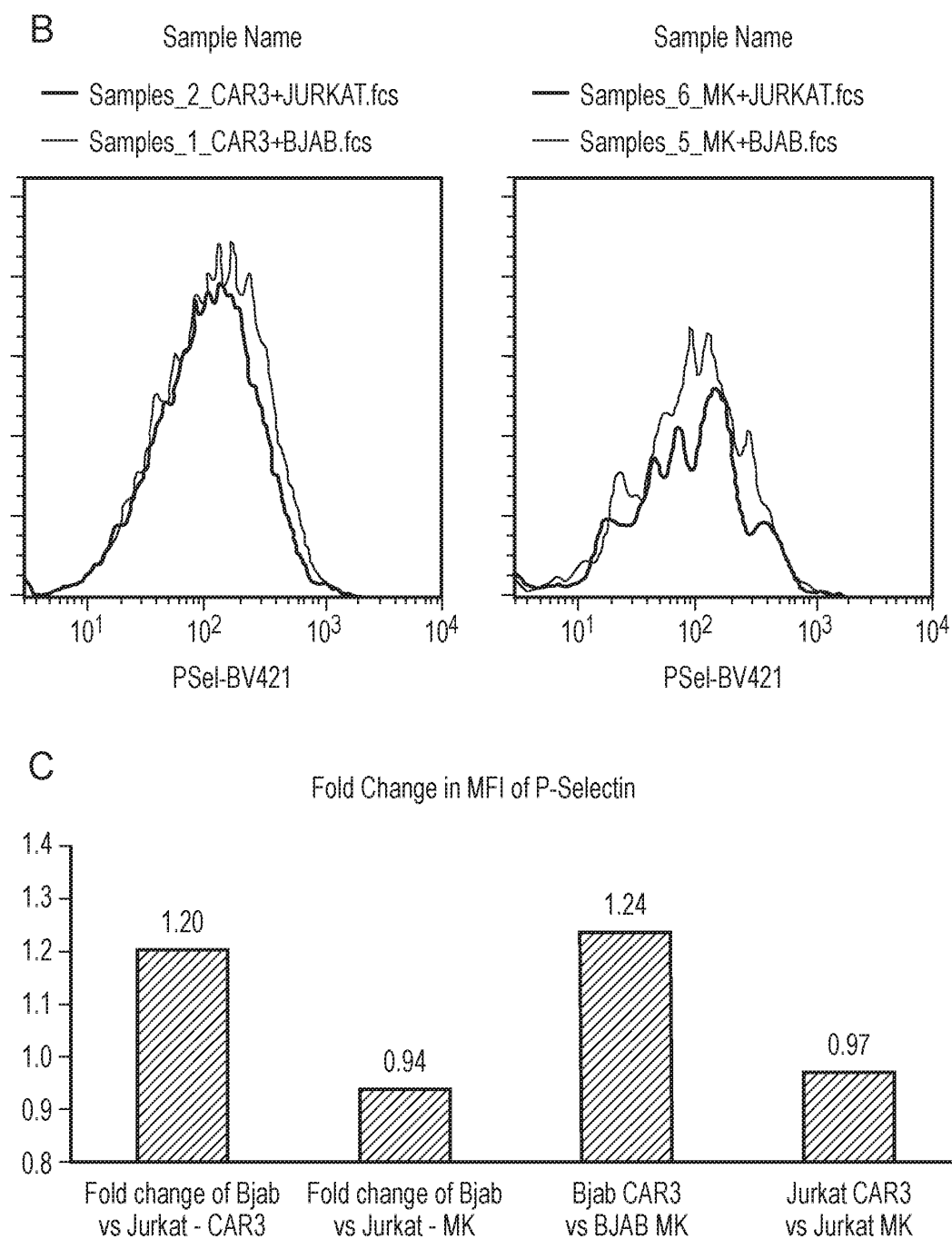


FIG. 9 (Continued)

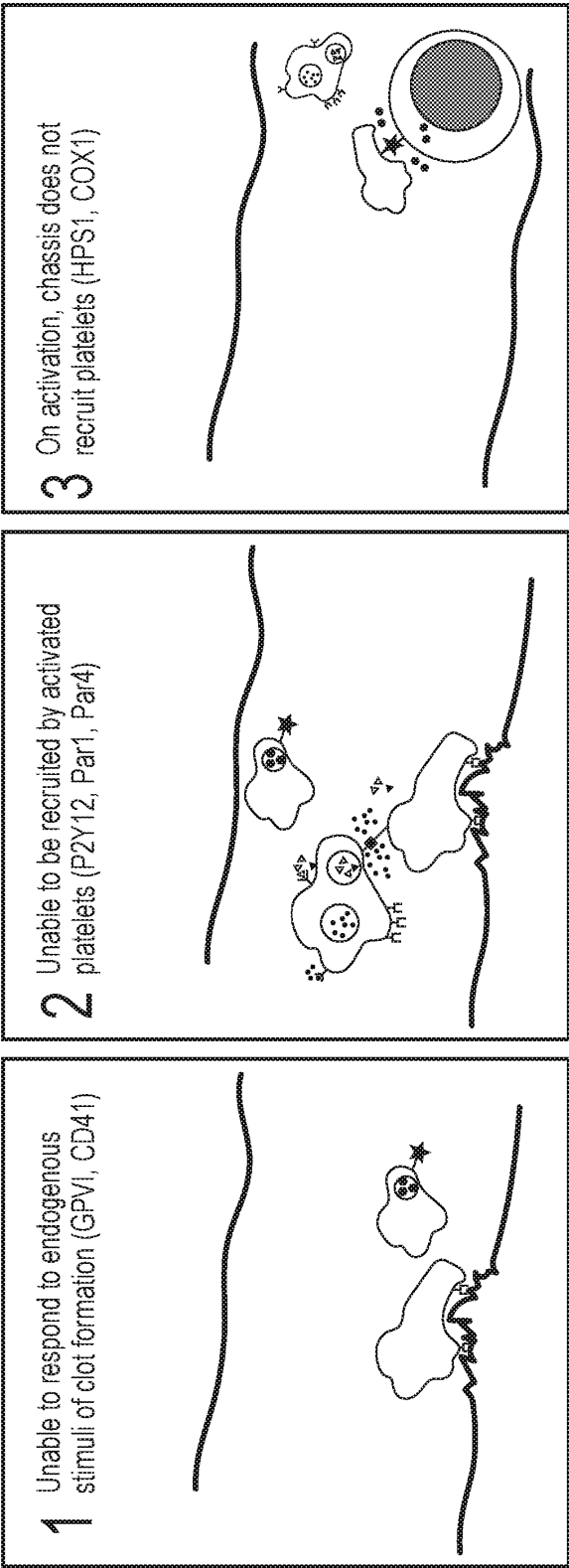


FIG. 10

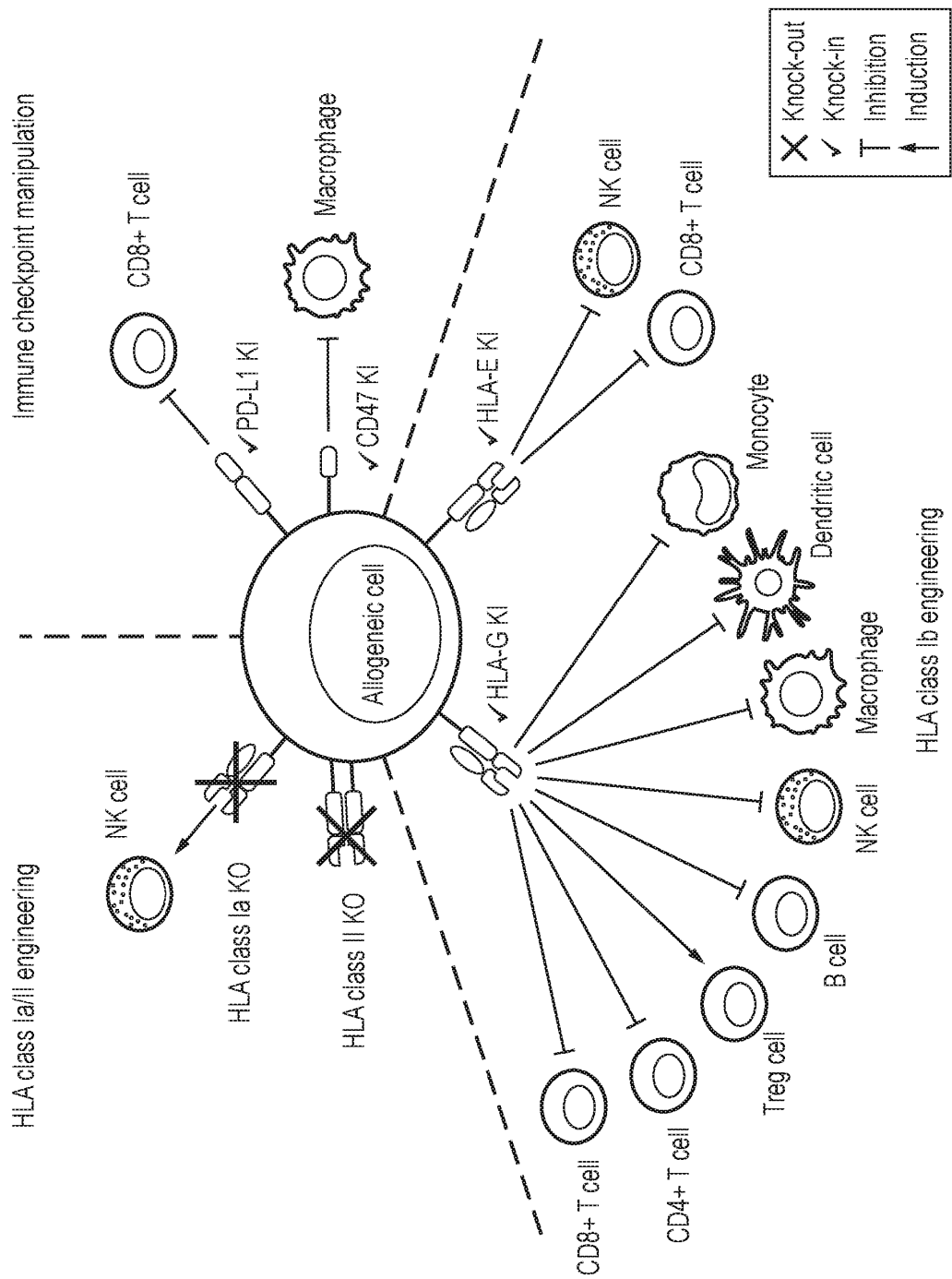


FIG. 11

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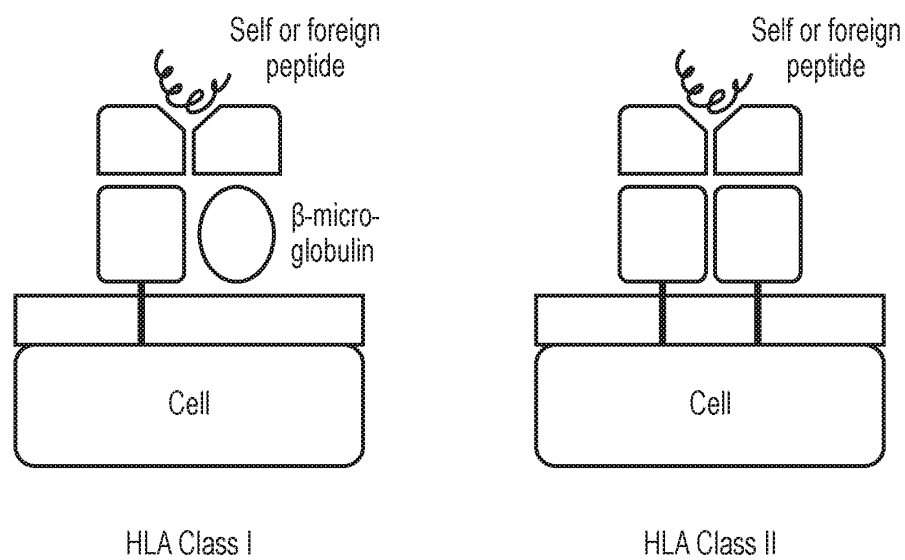


FIG. 12(A)

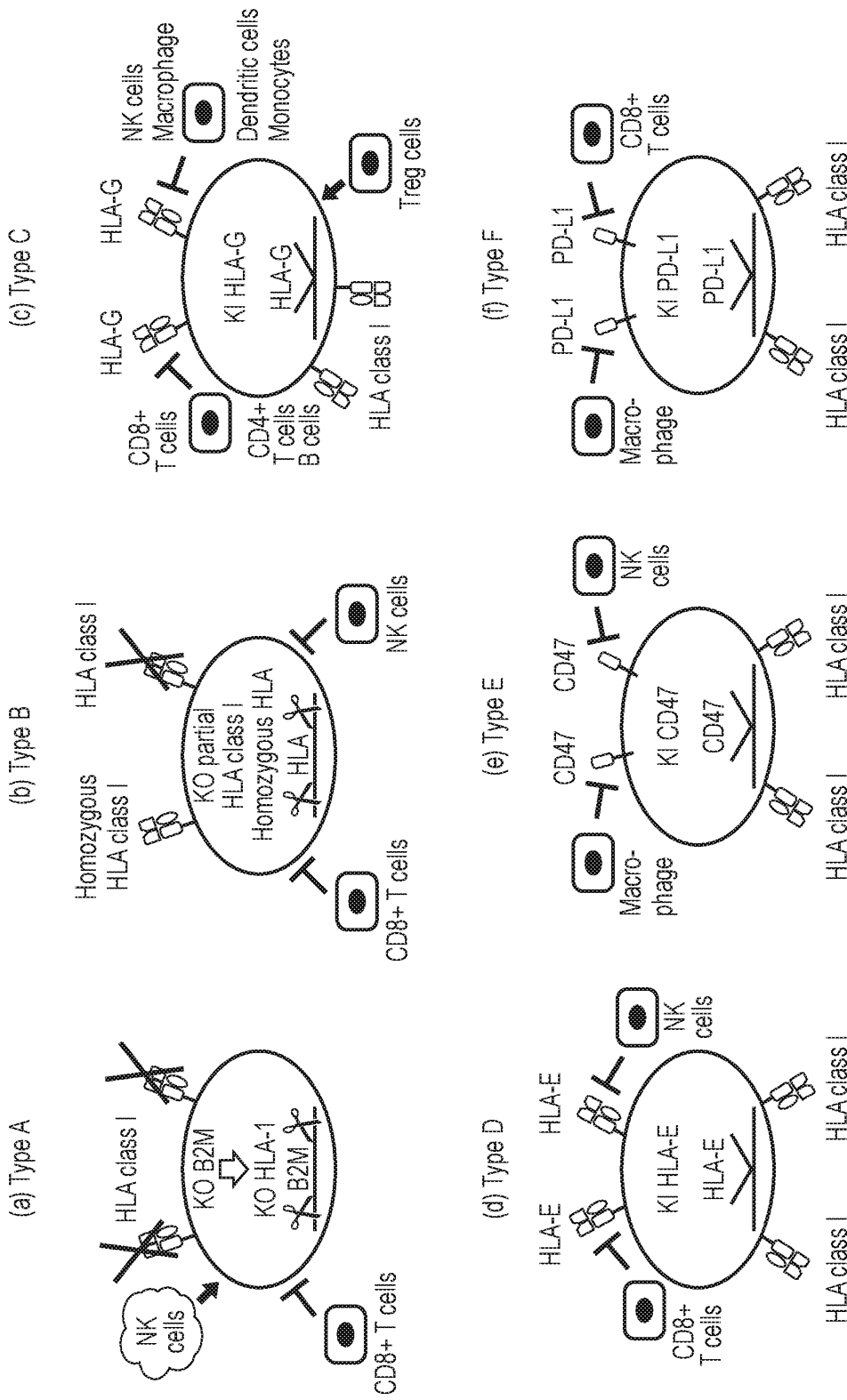


FIG. 12(B)

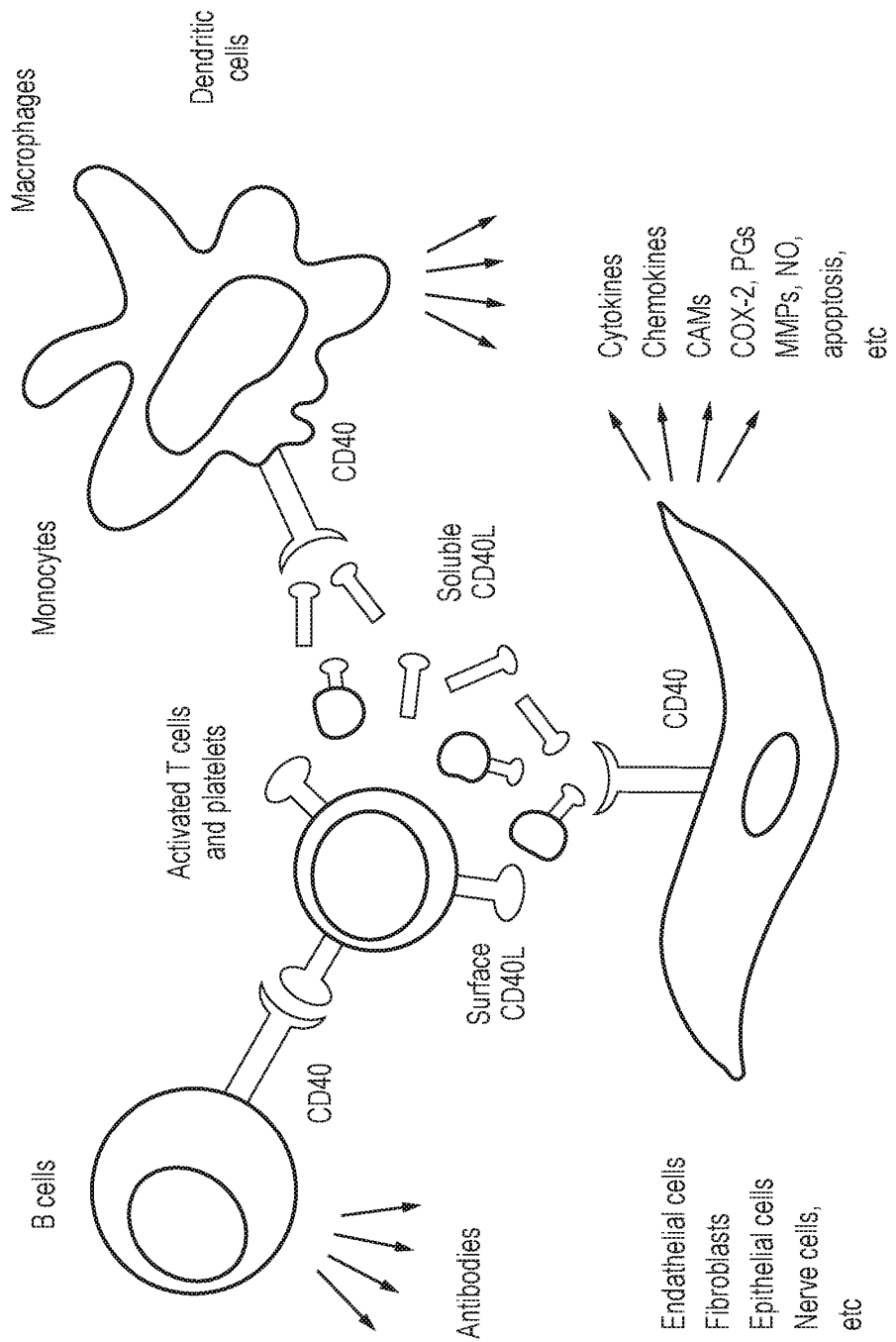
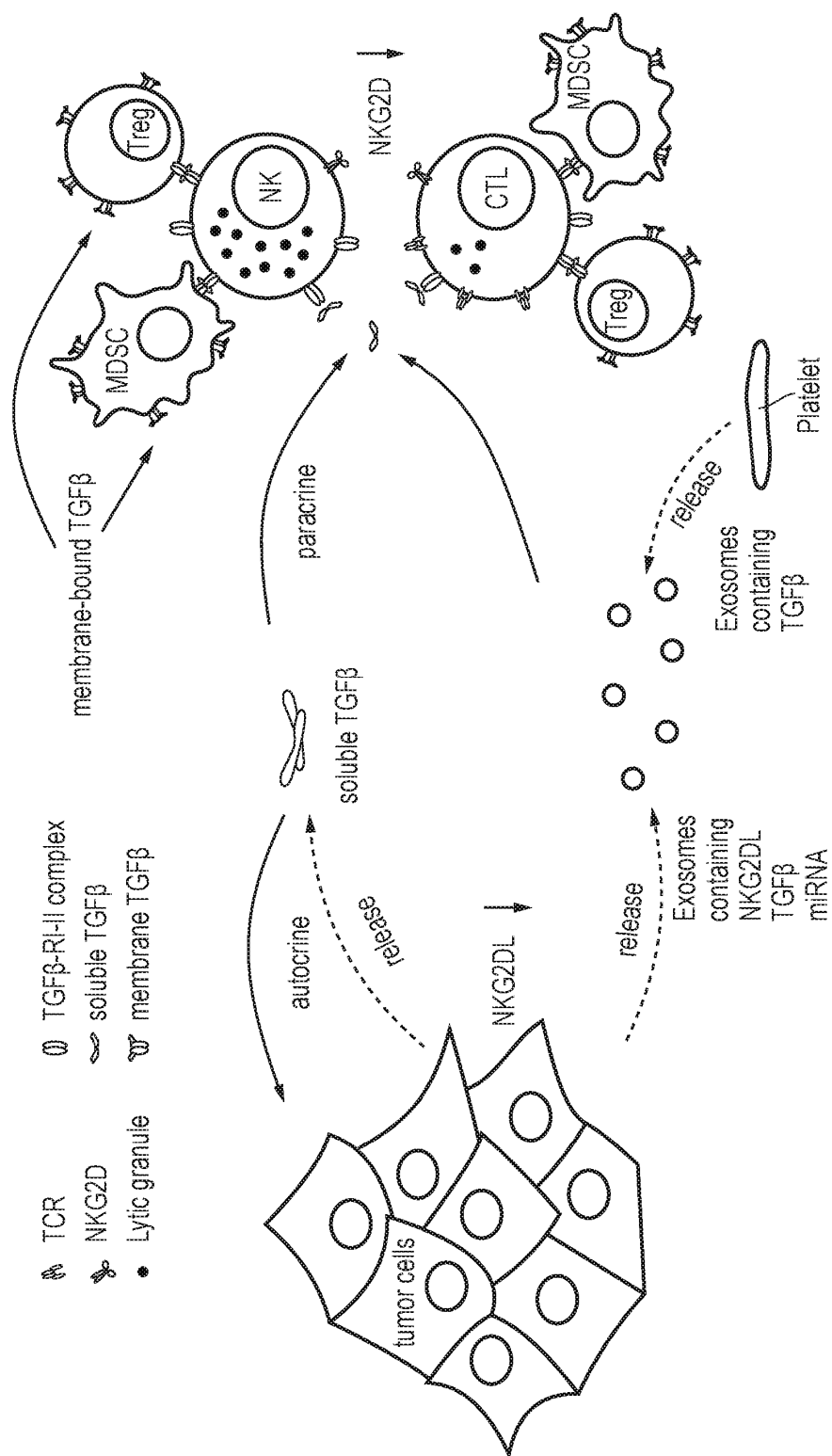


FIG. 13

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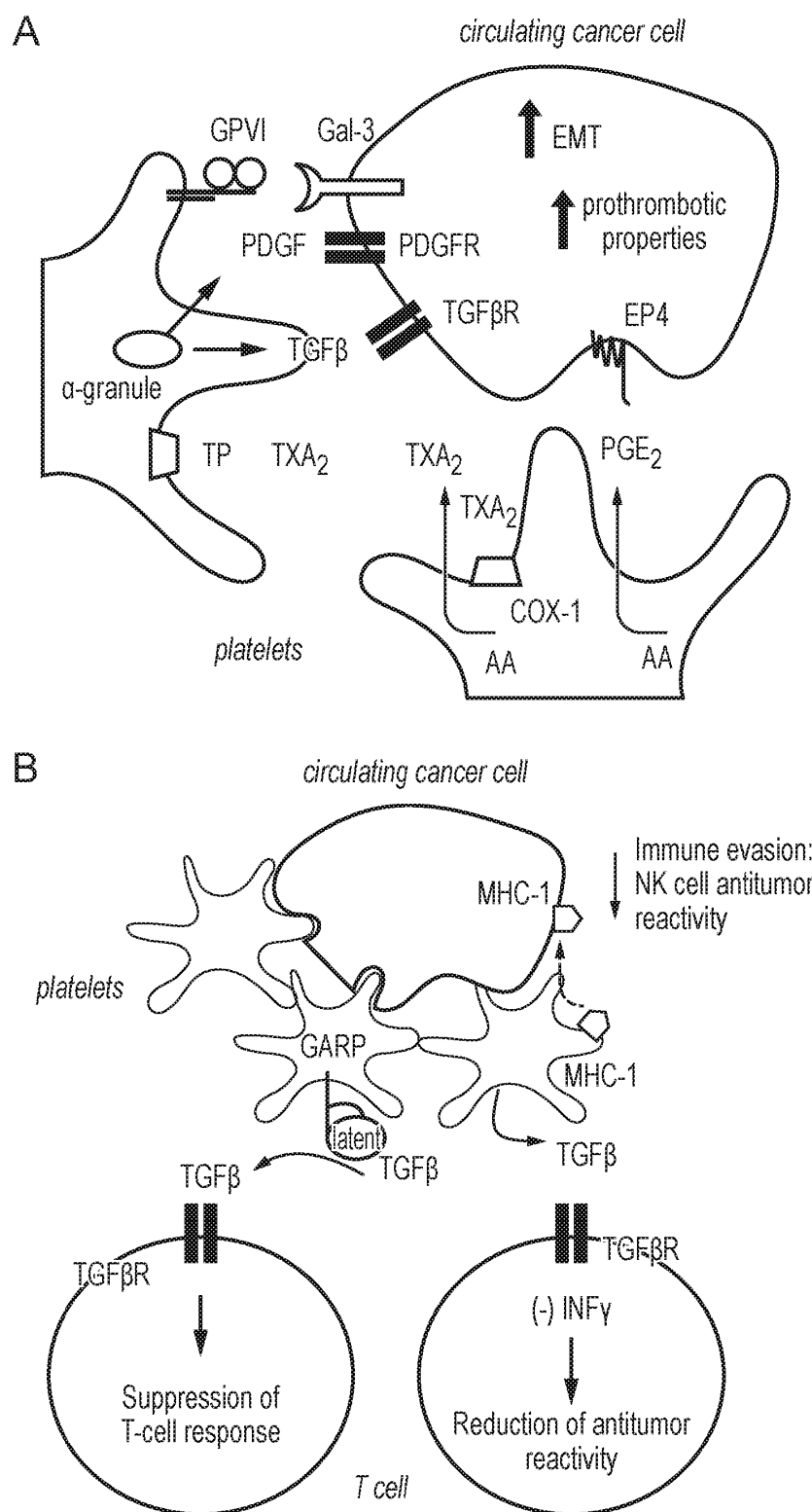


FIG. 15

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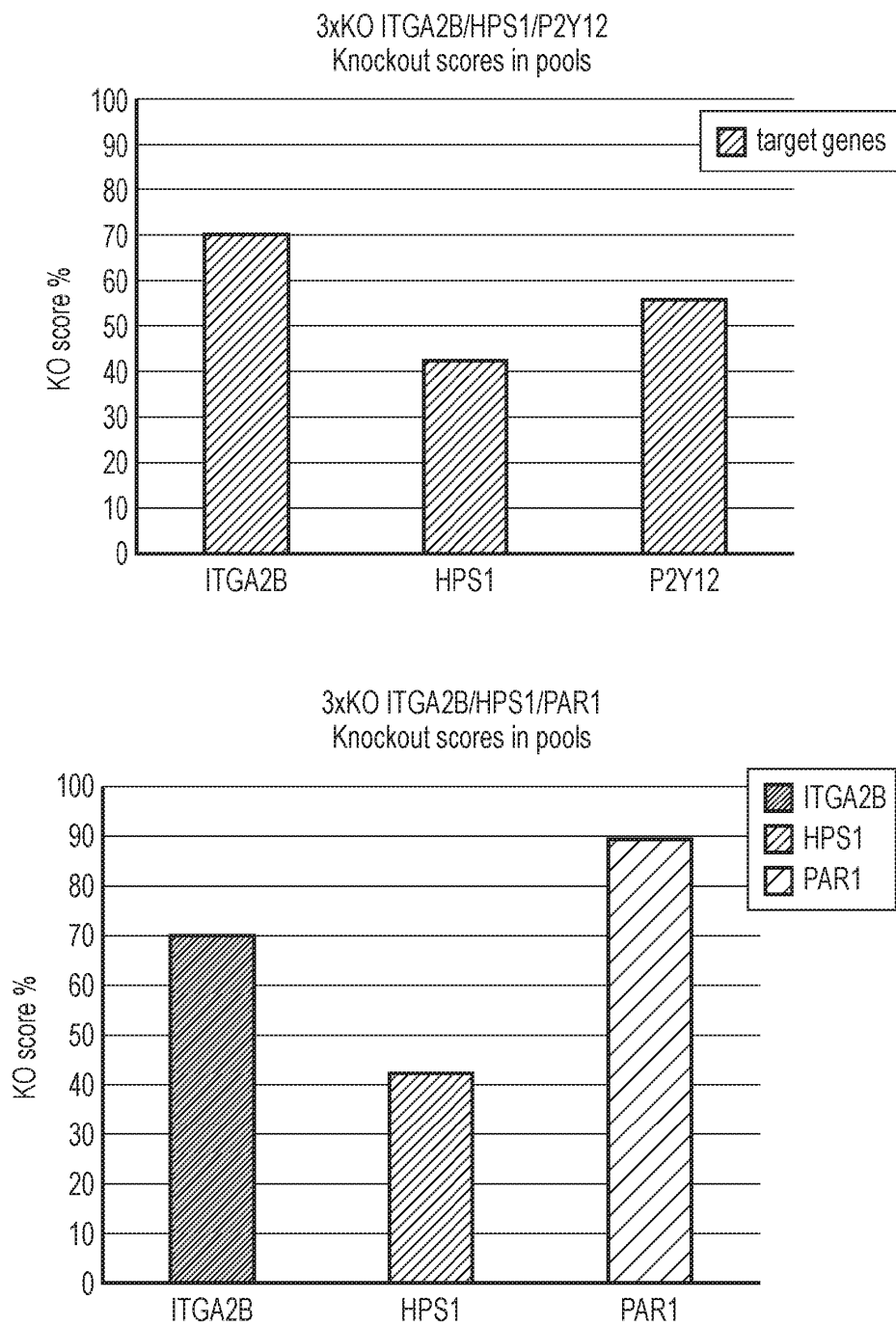


FIG. 16

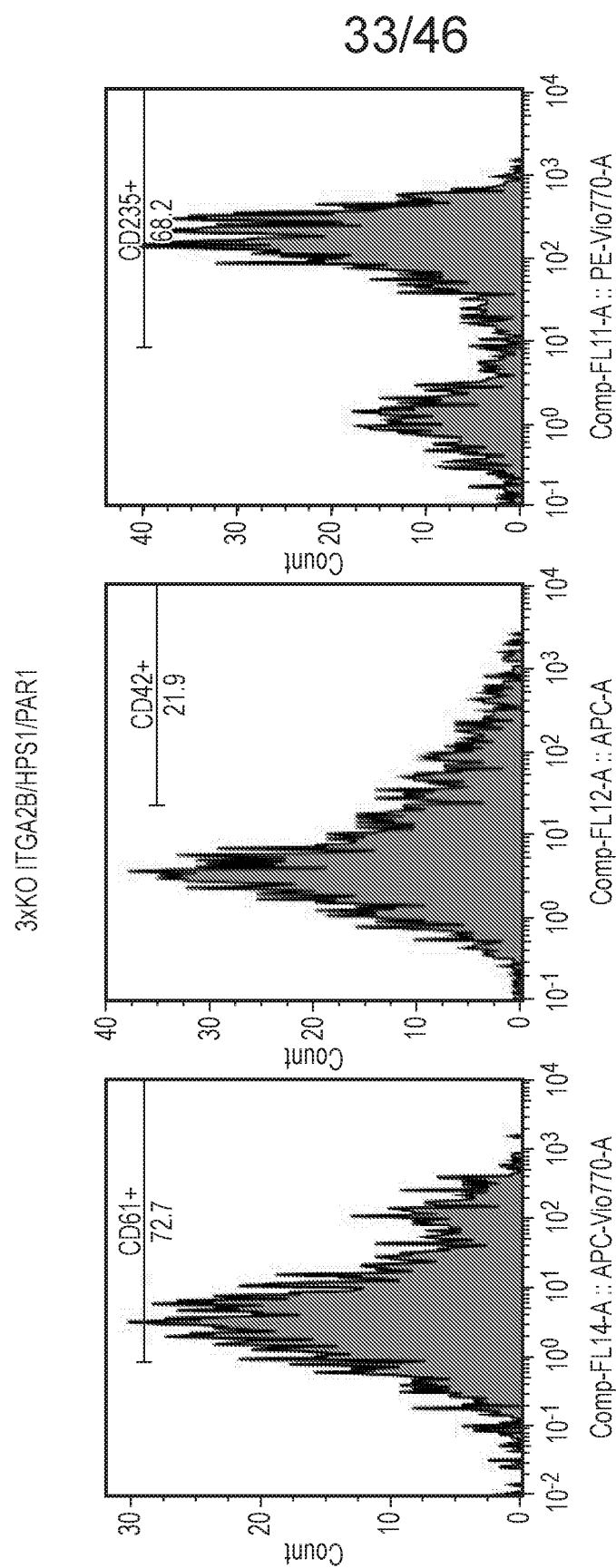


FIG. 17A

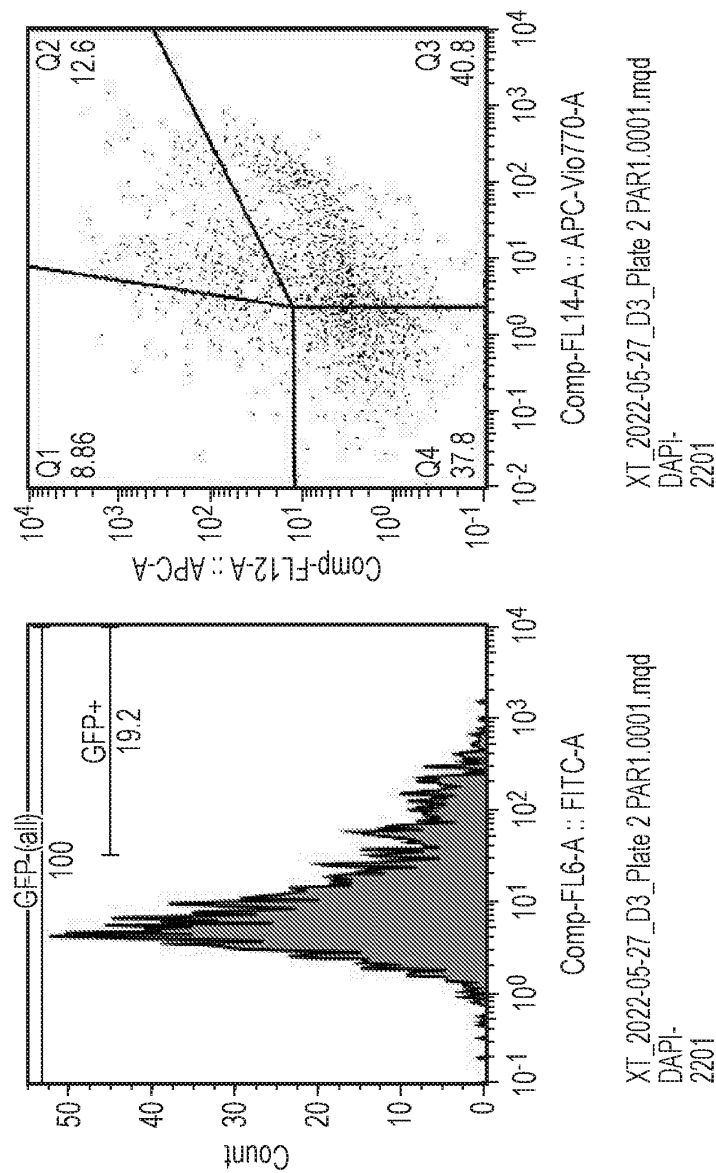


FIG. 17A (Continued)

3xKO ITGA2B/HPS1/P2Y12

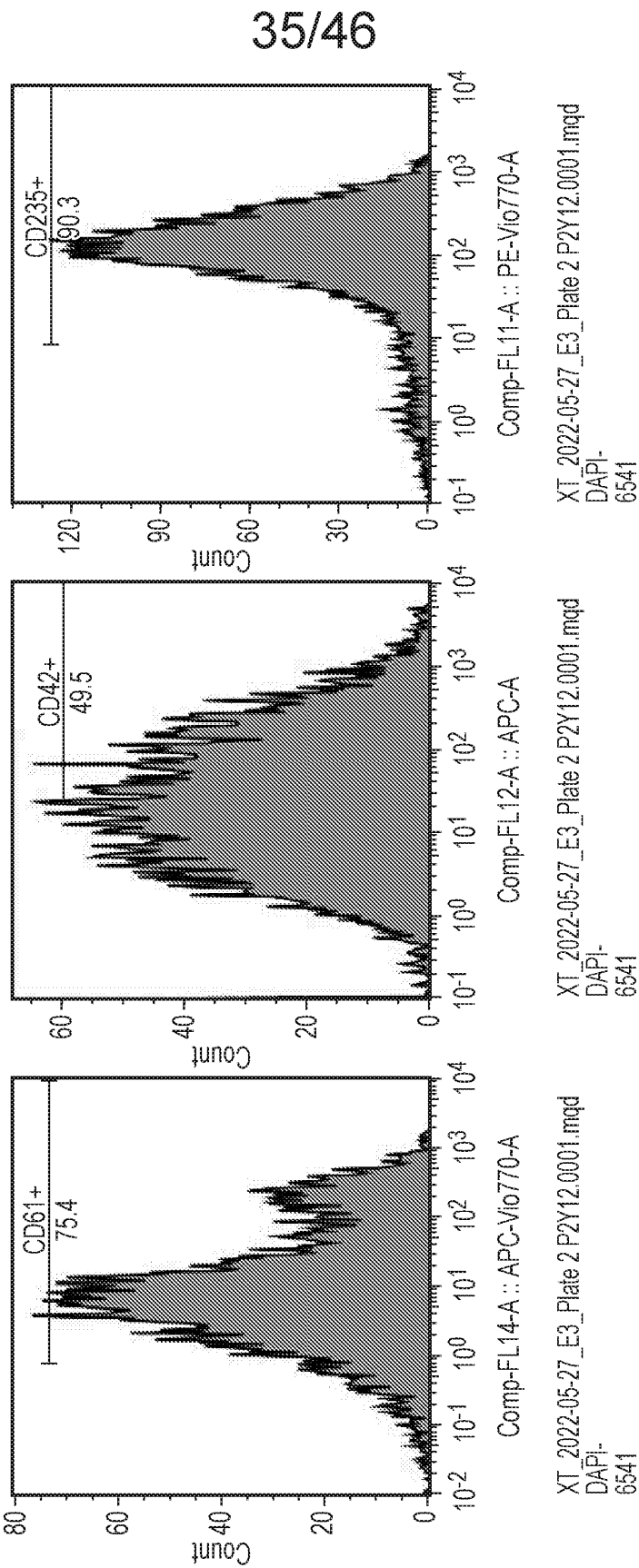


FIG. 17B

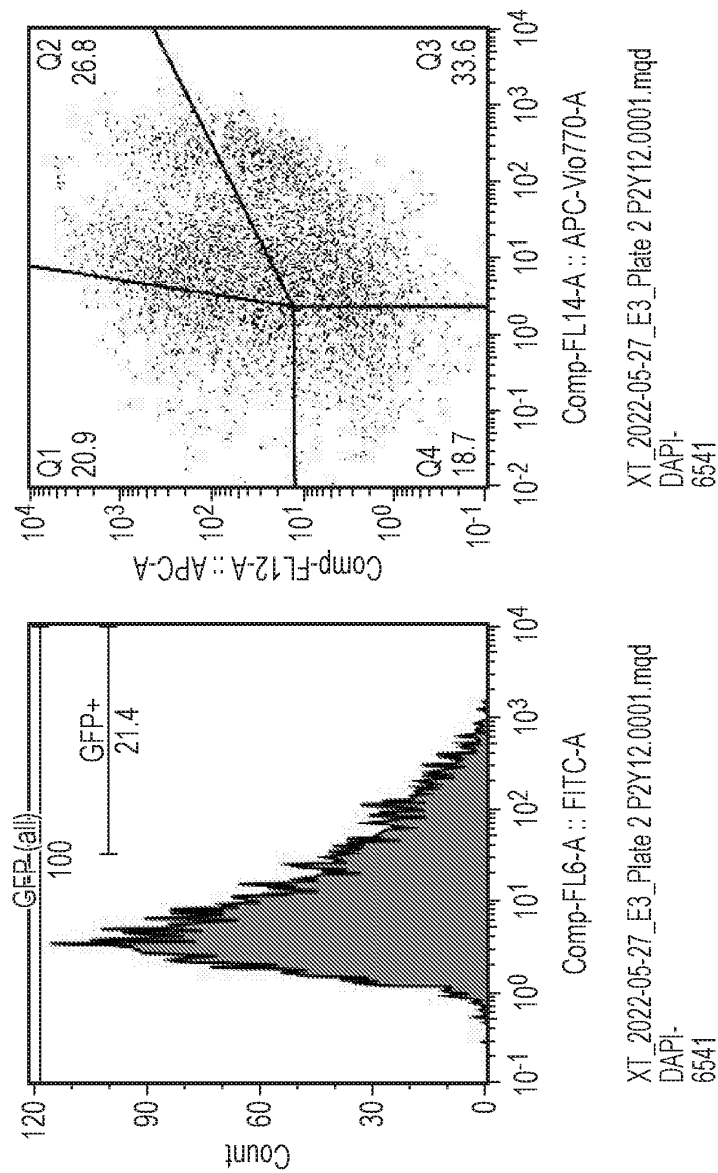


FIG. 17B (Continued)

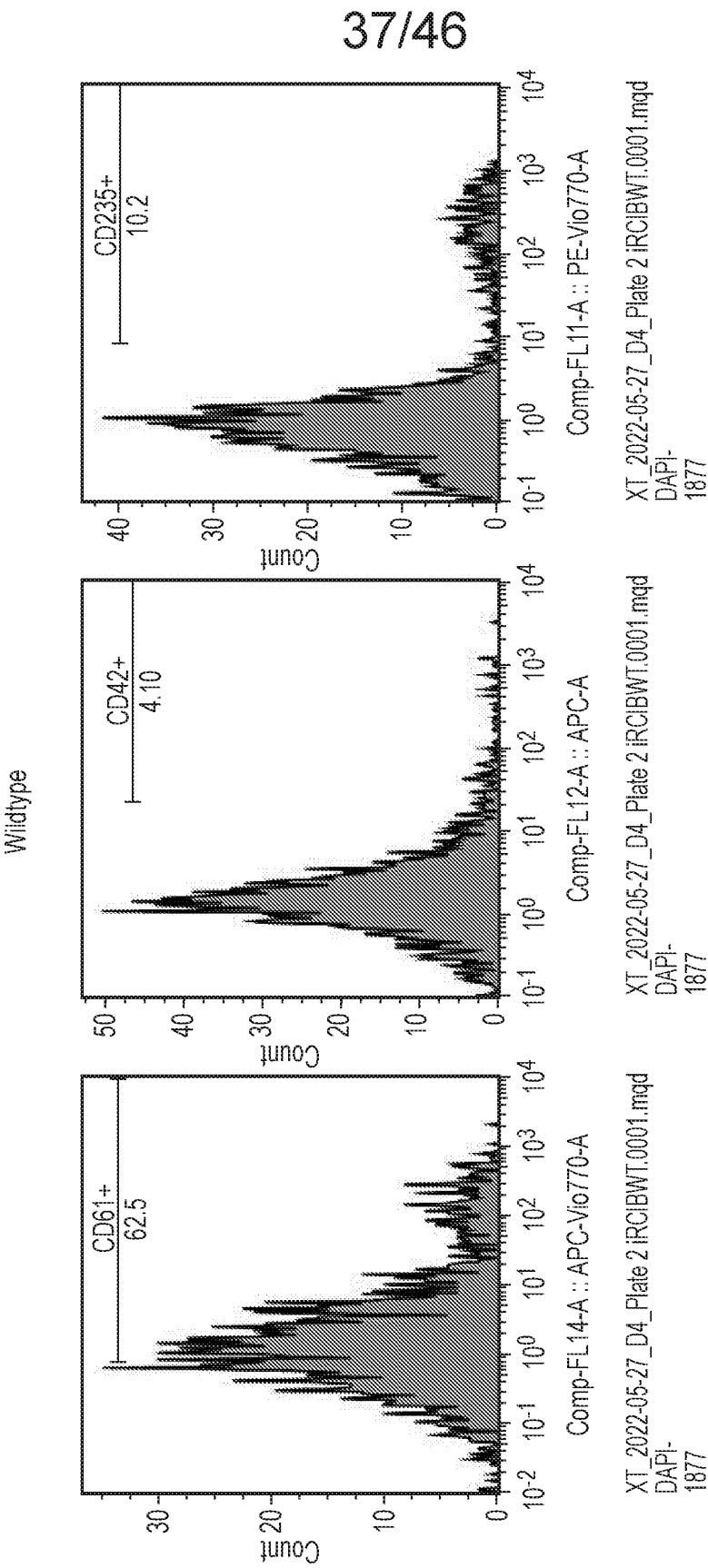


FIG. 17C

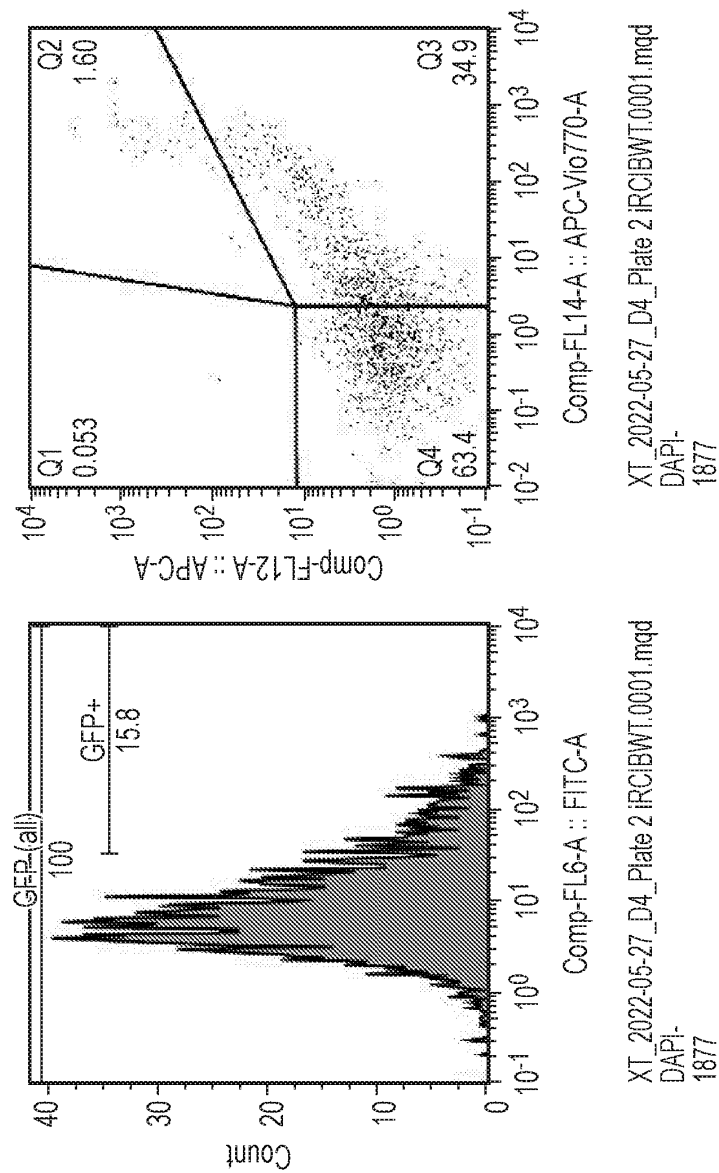


FIG. 17C (Continued)

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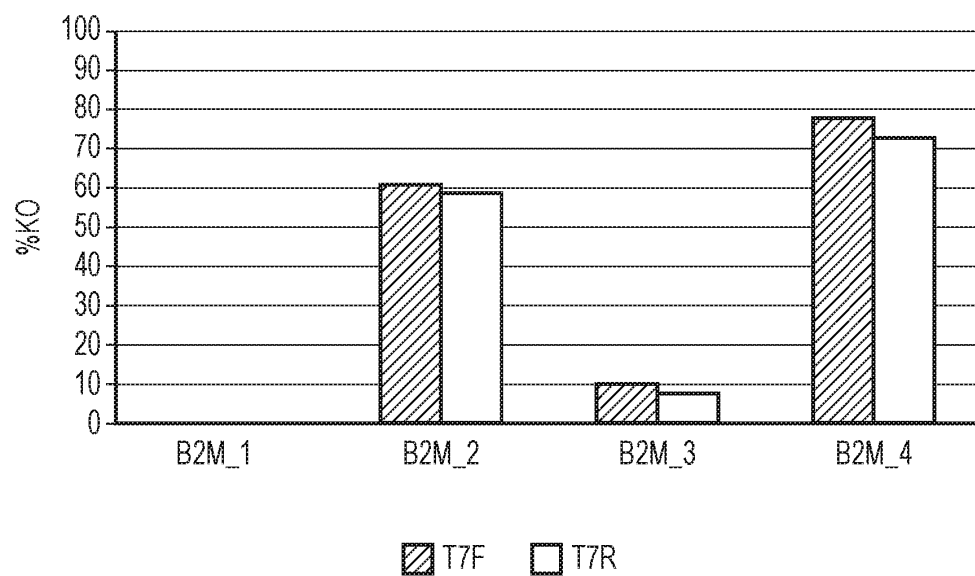


FIG. 18

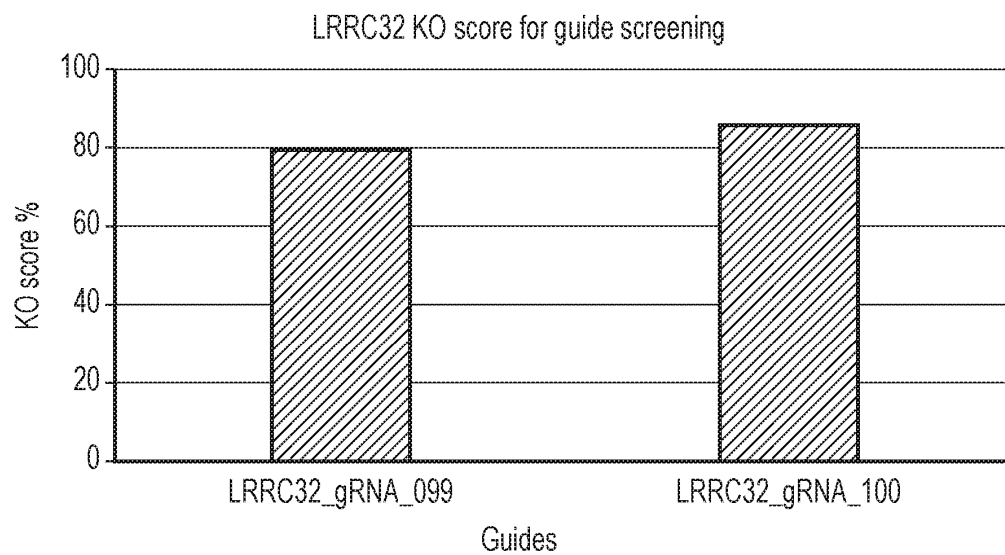
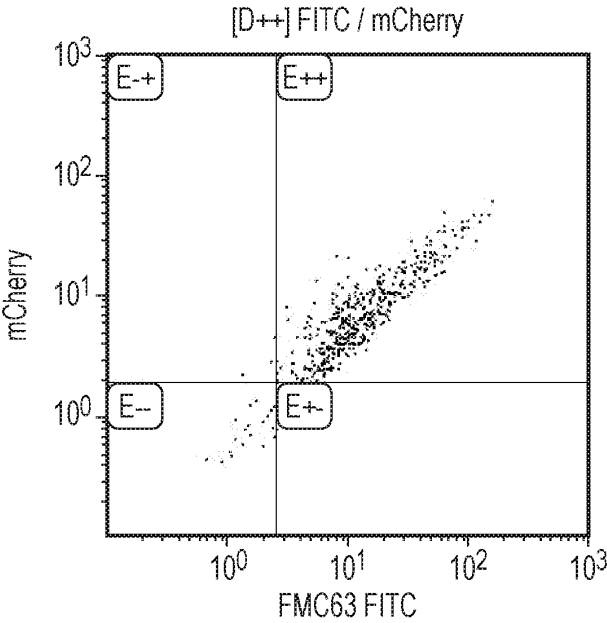
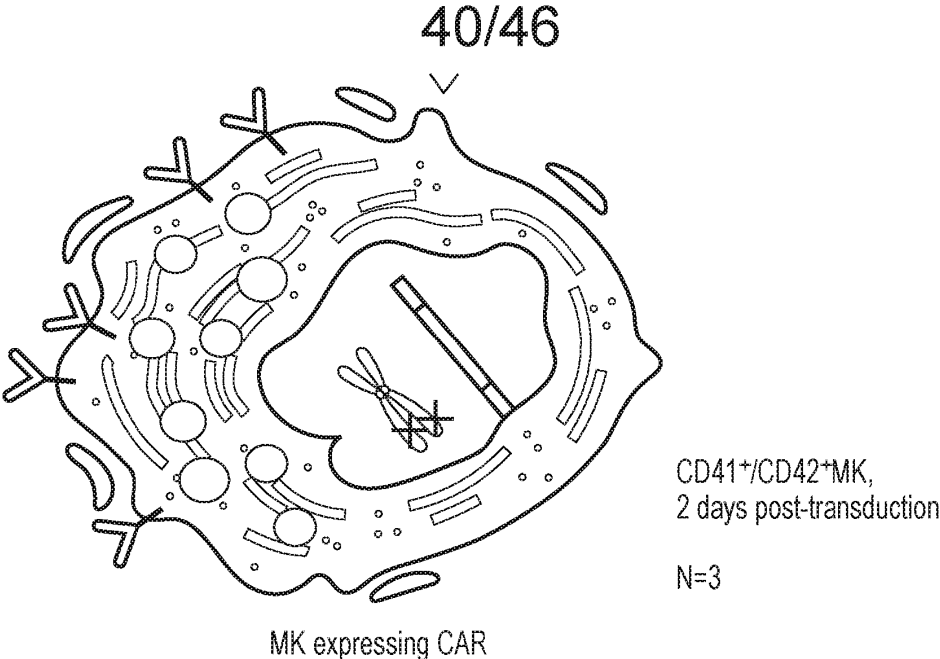


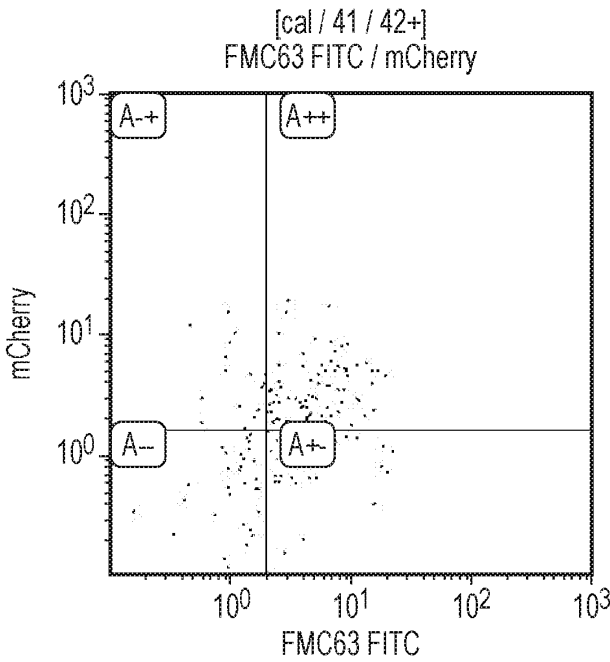
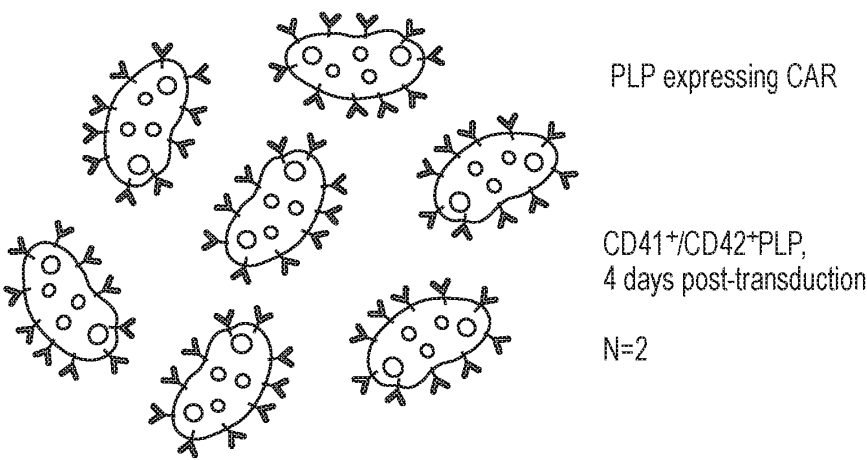
FIG. 19



Gate	Number	%Total	%Gated
All	494	24.37	100.00
E--	19	0.94	3.85
E-+	3	0.15	0.61
E+-	25	1.23	5.06
E++	447	22.05	90.49

FIG. 20

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Gate	Number	%Total	%Gated
All	427	3.34	100.00
A--	154	1.20	36.07
A--	18	0.14	4.22
A+-	174	1.36	40.75
A++	81	0.63	18.97

FIG. 20 (Continued)

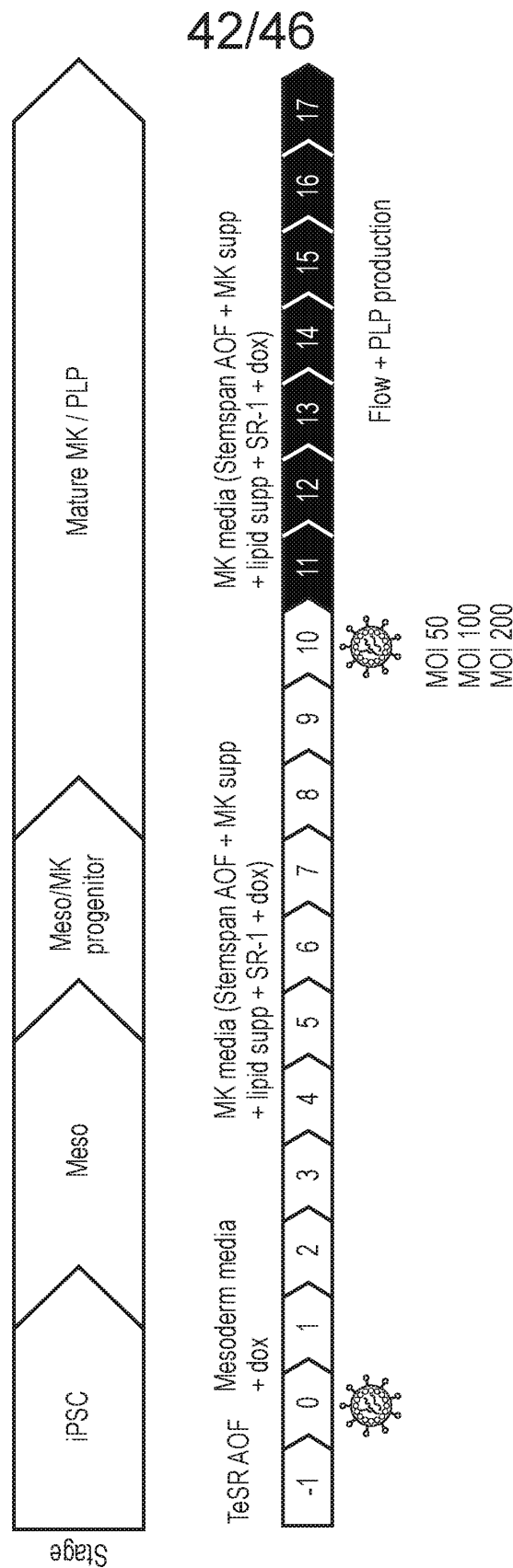


FIG. 21

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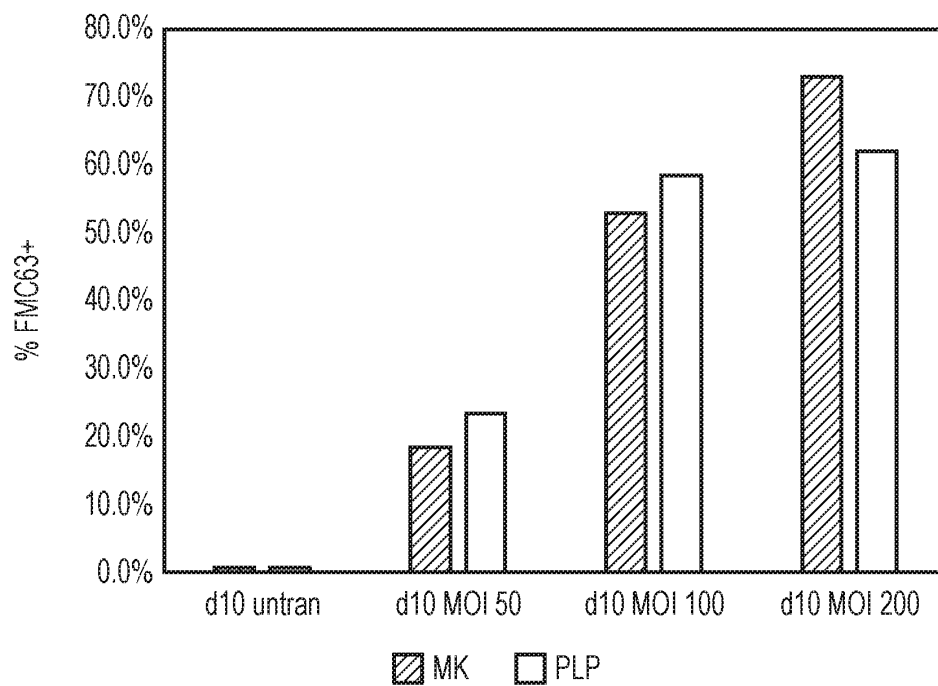


FIG. 22

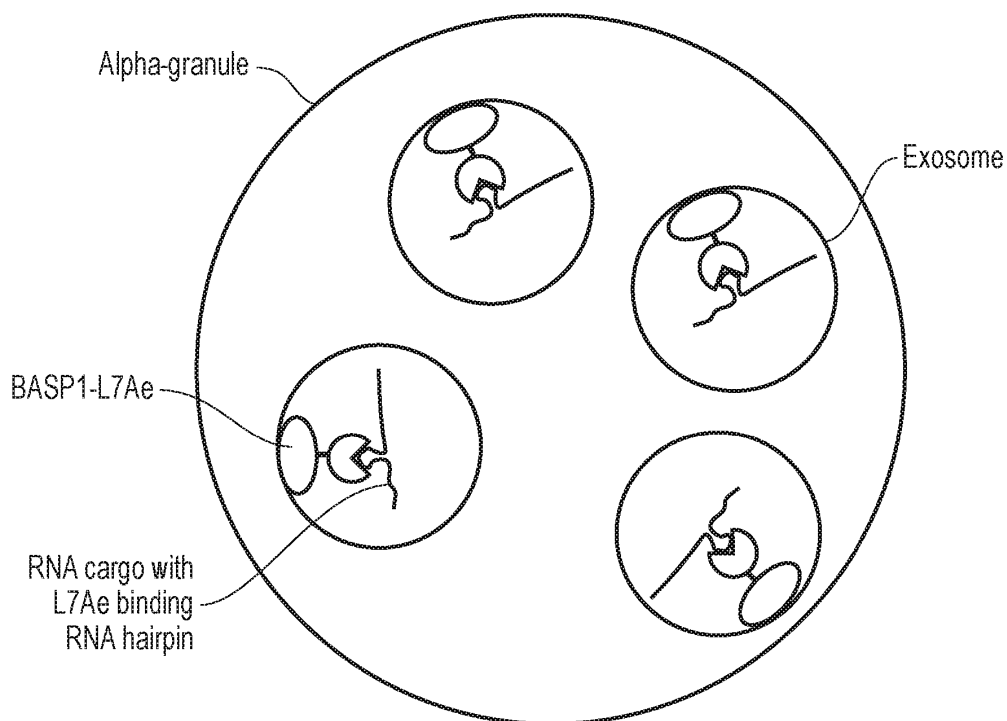


FIG. 23A

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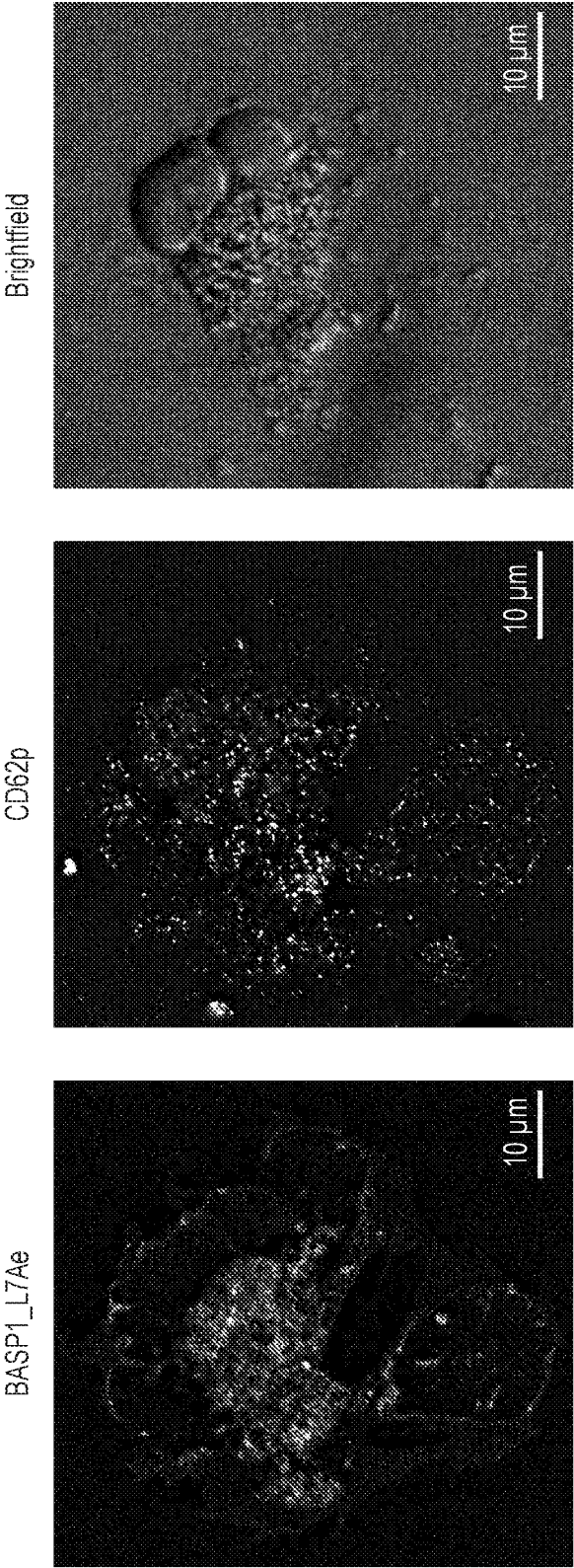
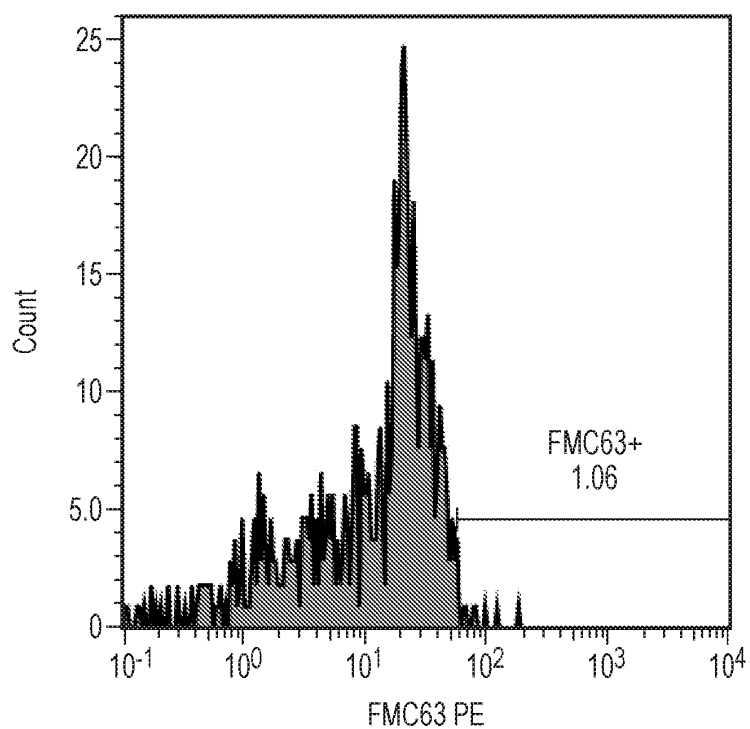


FIG. 23B

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untransduced



CAR1

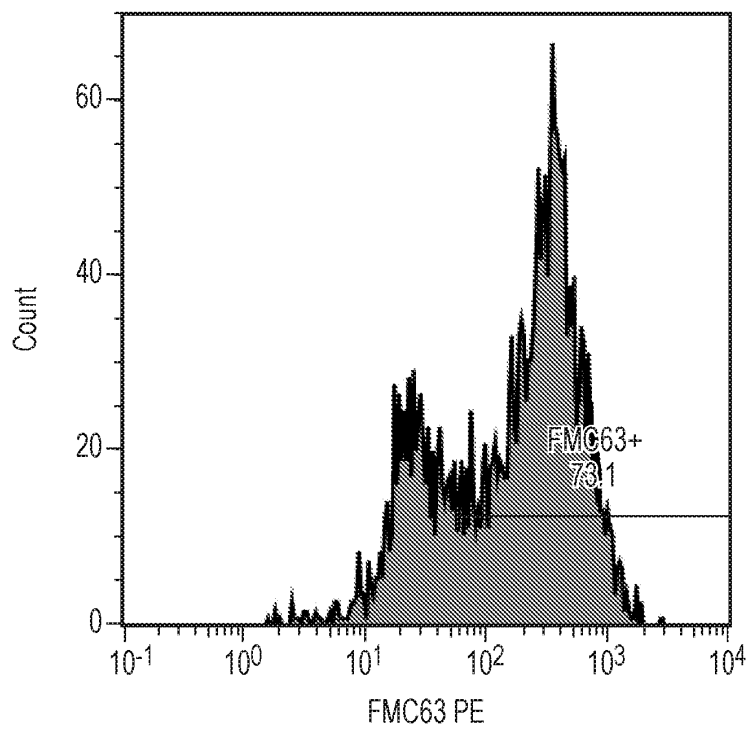


FIG. 24

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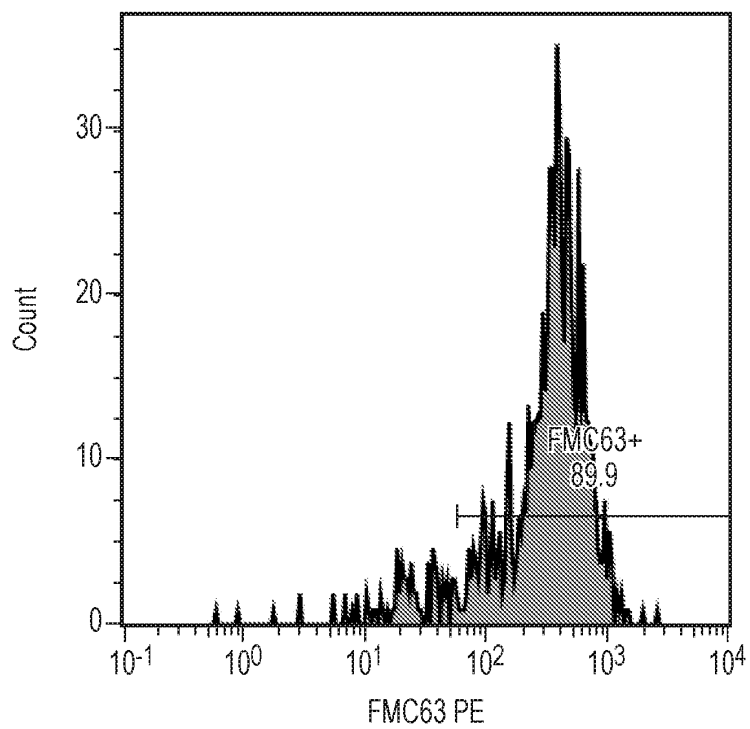
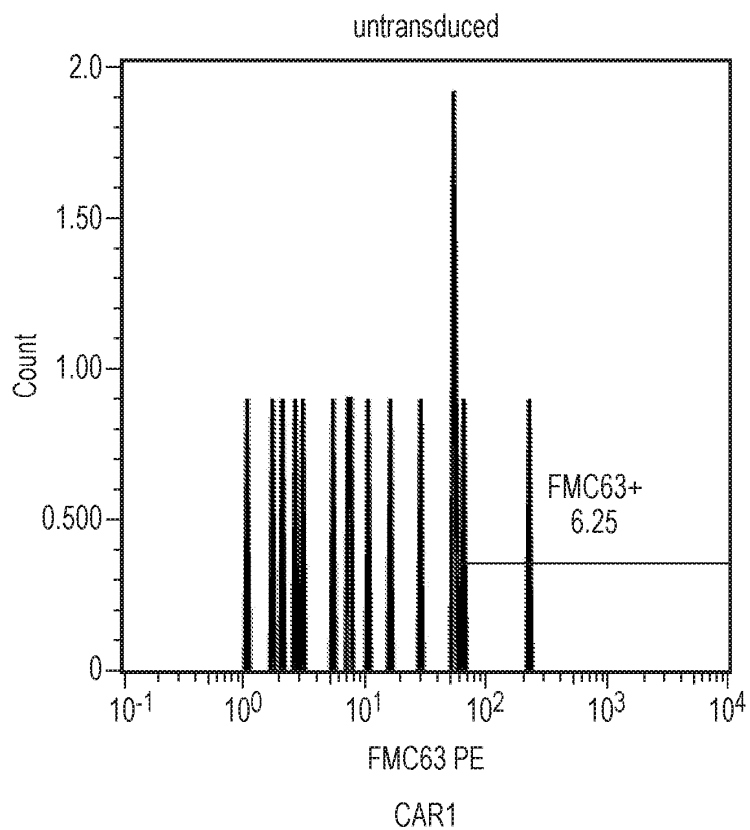


FIG. 25