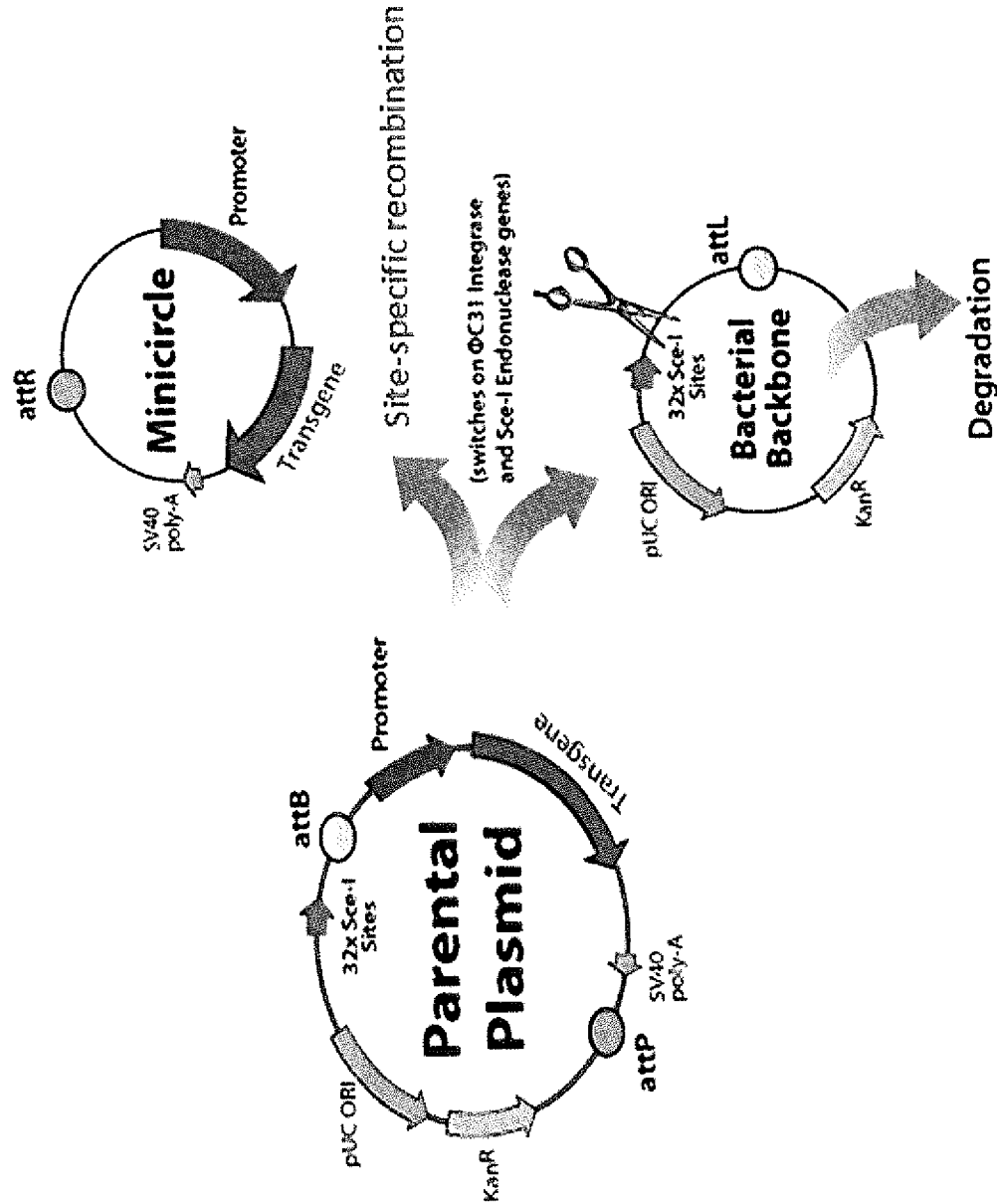


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Figure 1
A



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Figure 1

B

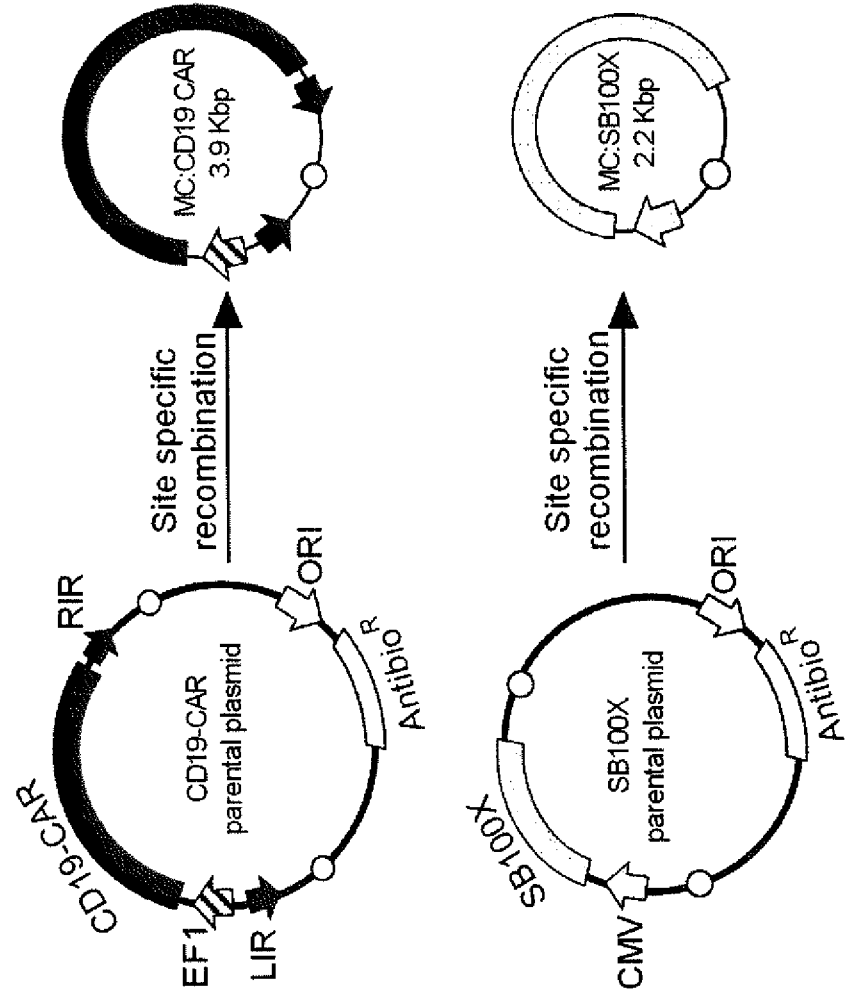
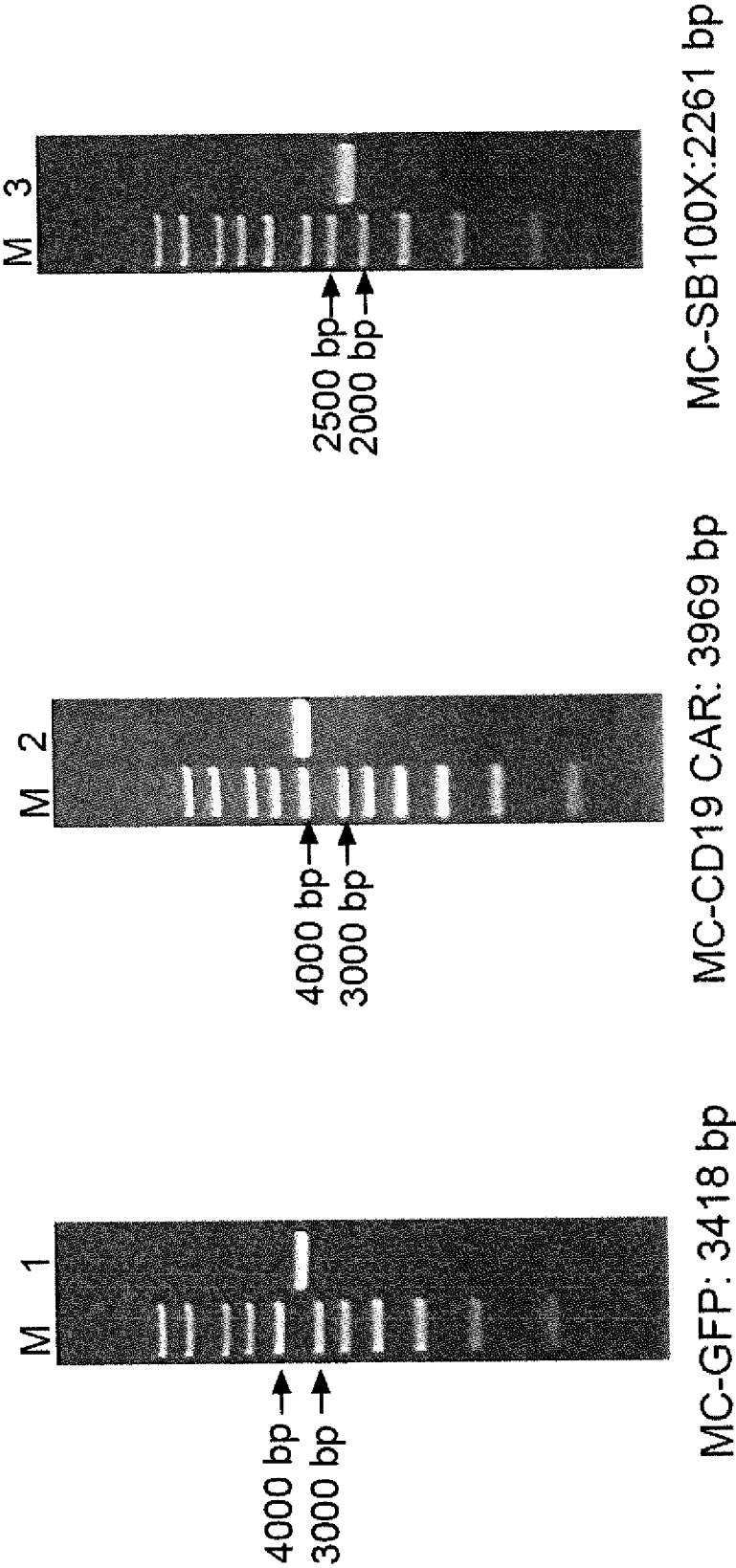


Figure 1

C



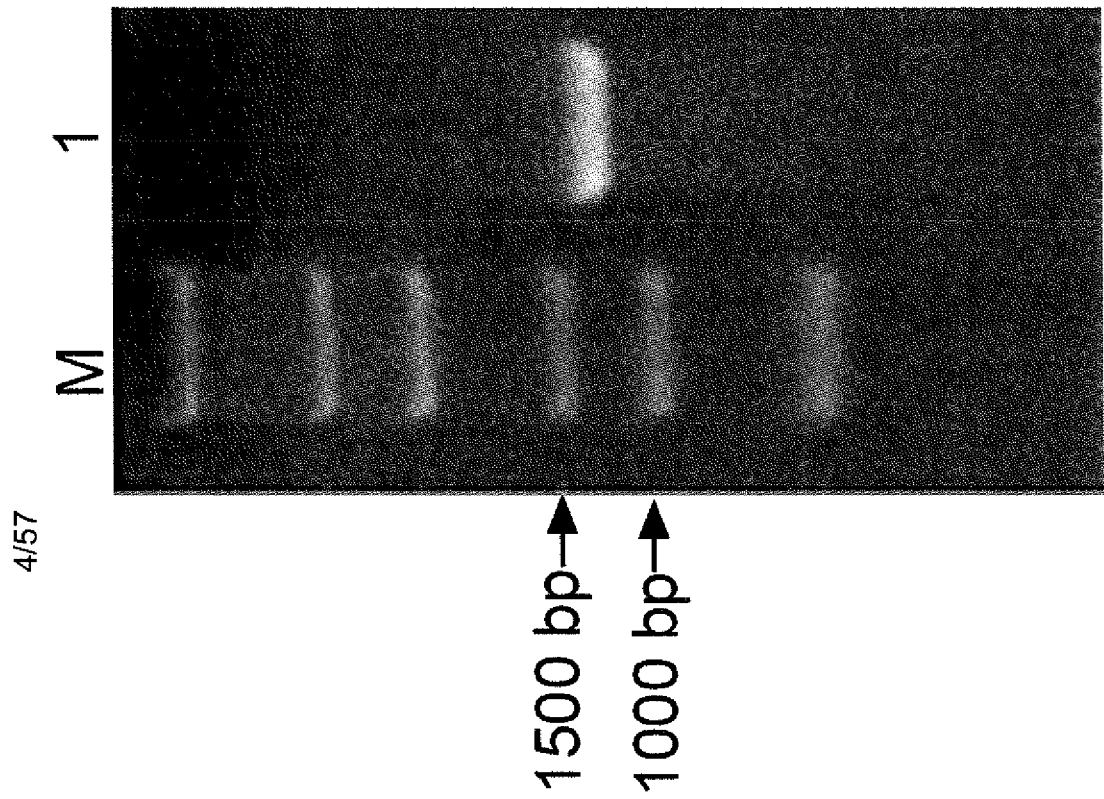


Figure 1
D

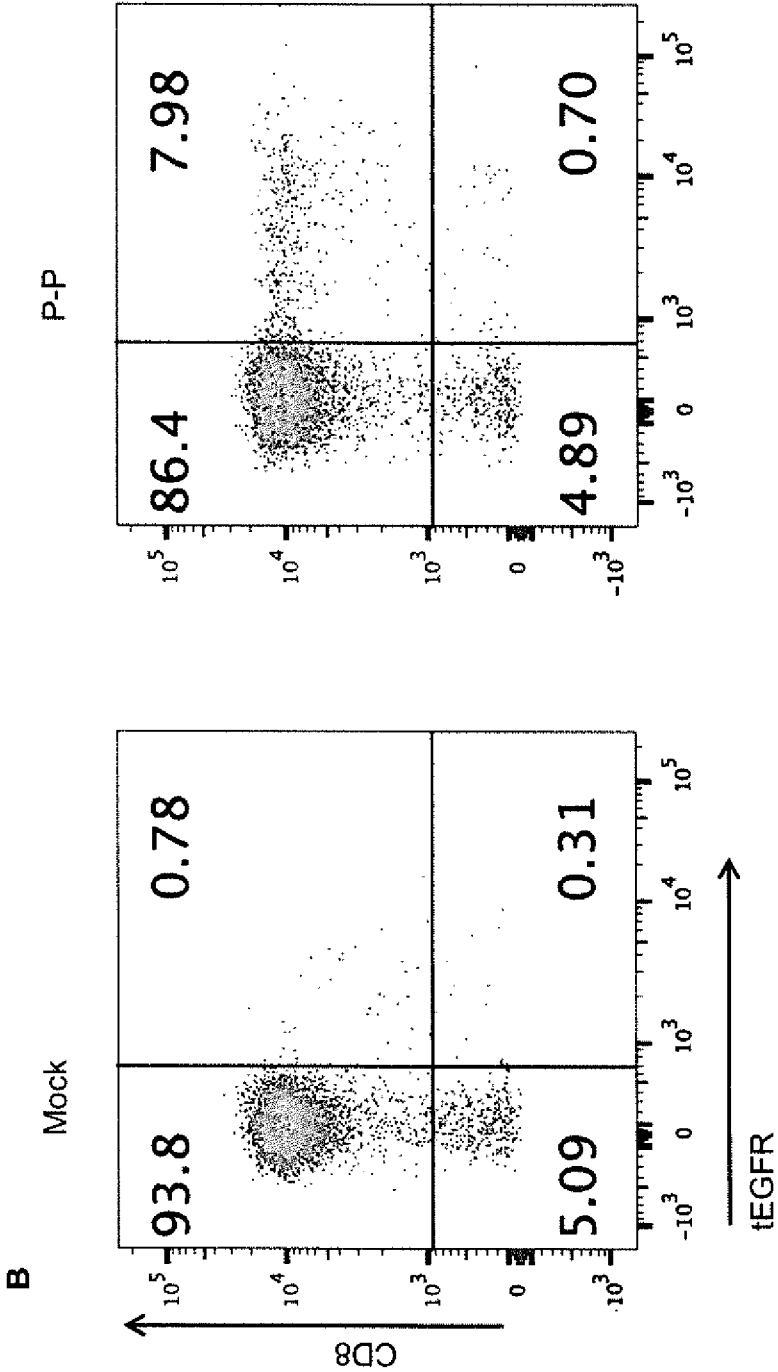
Figure 2

A



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Figure 2



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Figure 2

B, continued

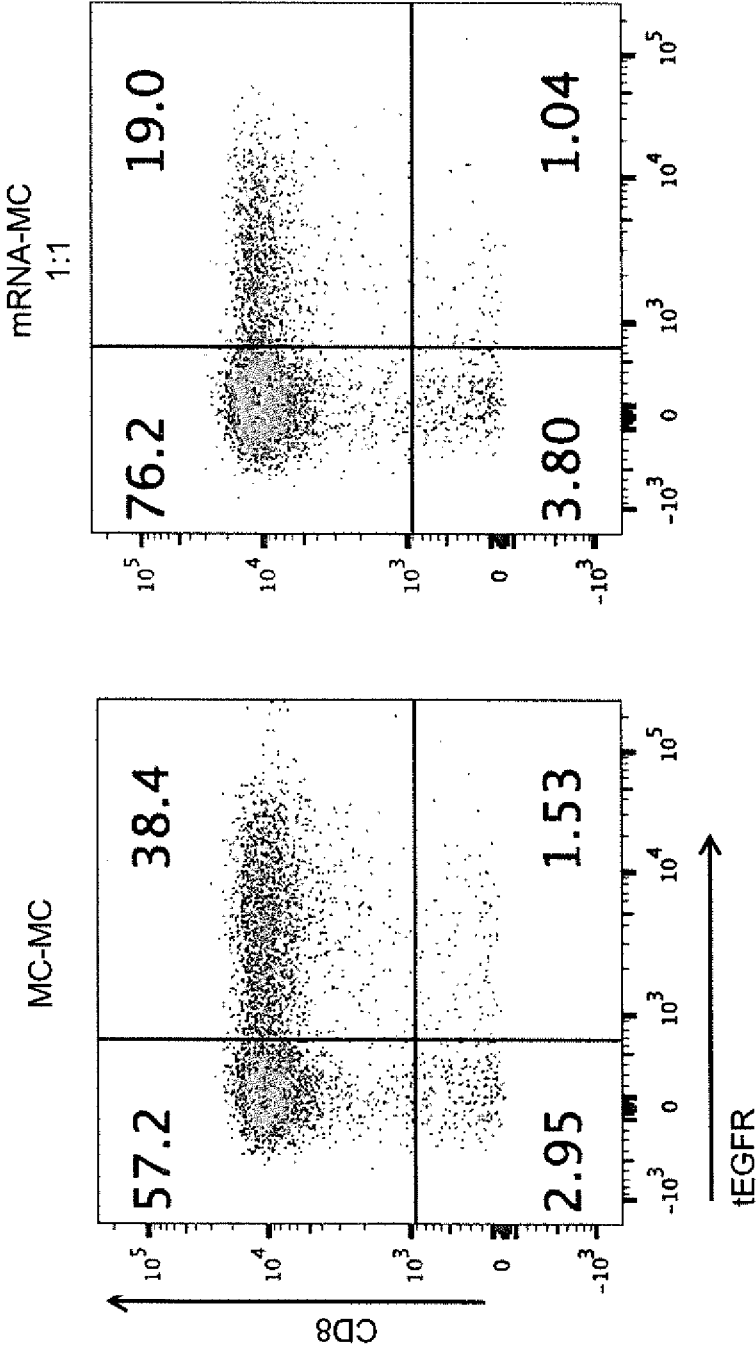
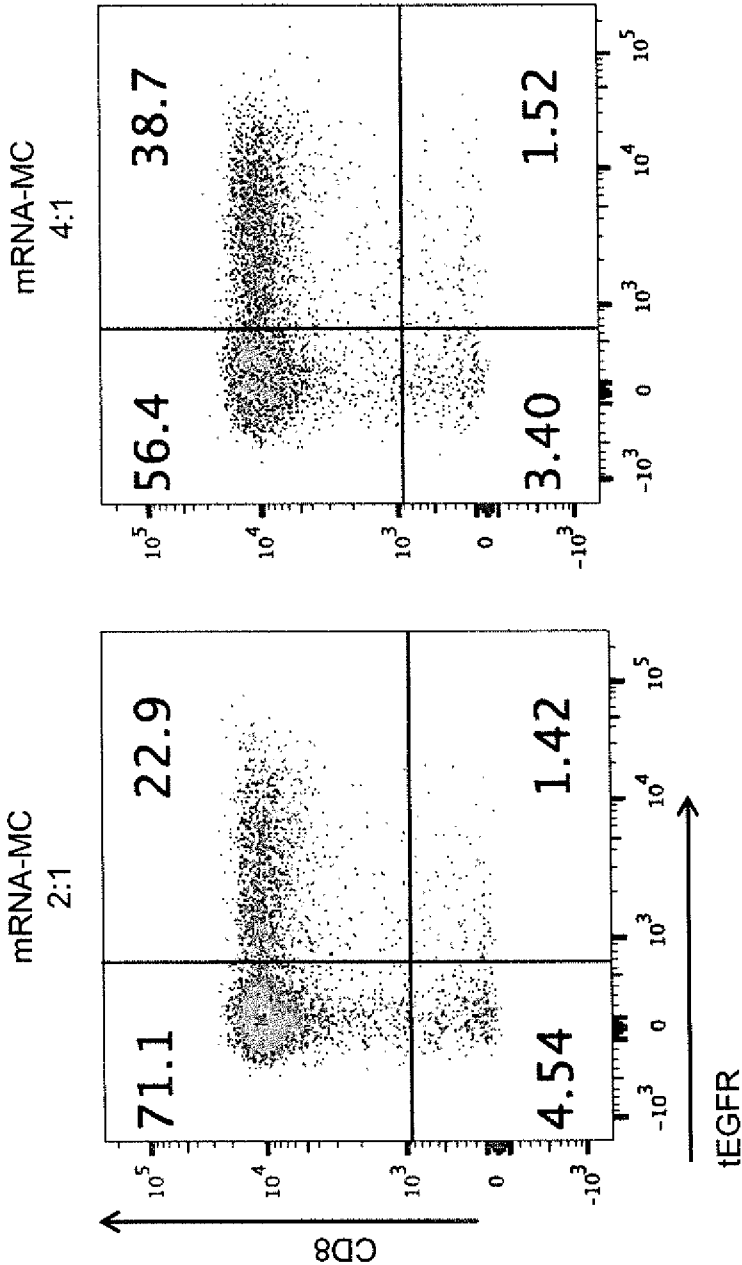
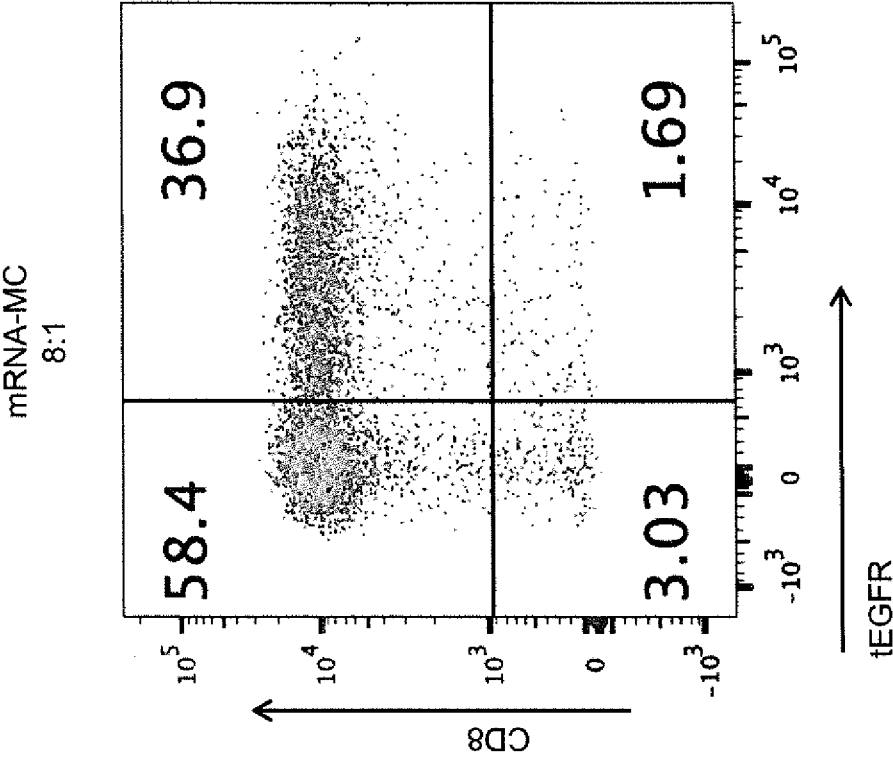


Figure 2
B, continued



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Figure 2
B, continued



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Figure 2

C

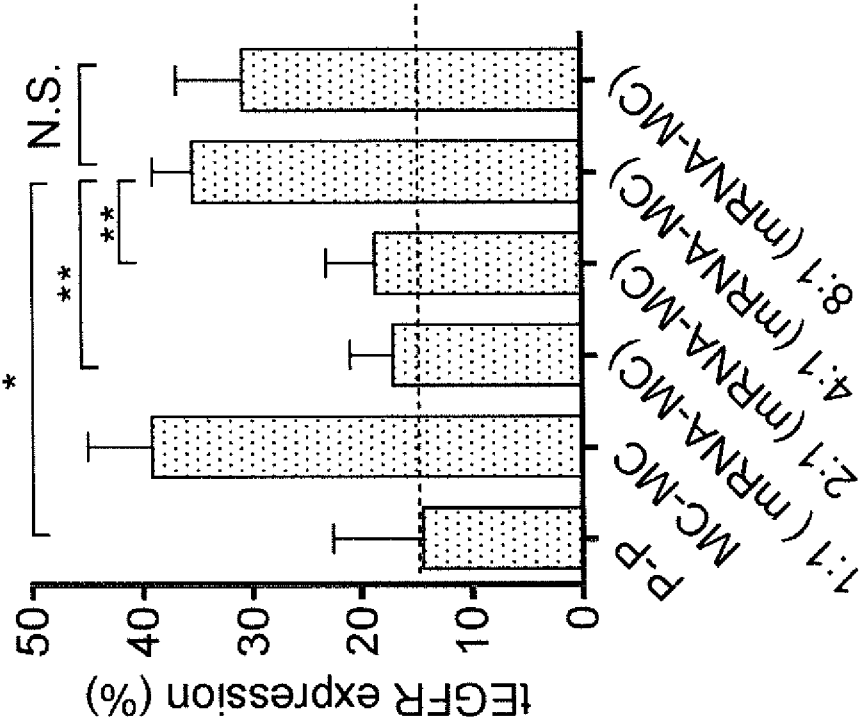
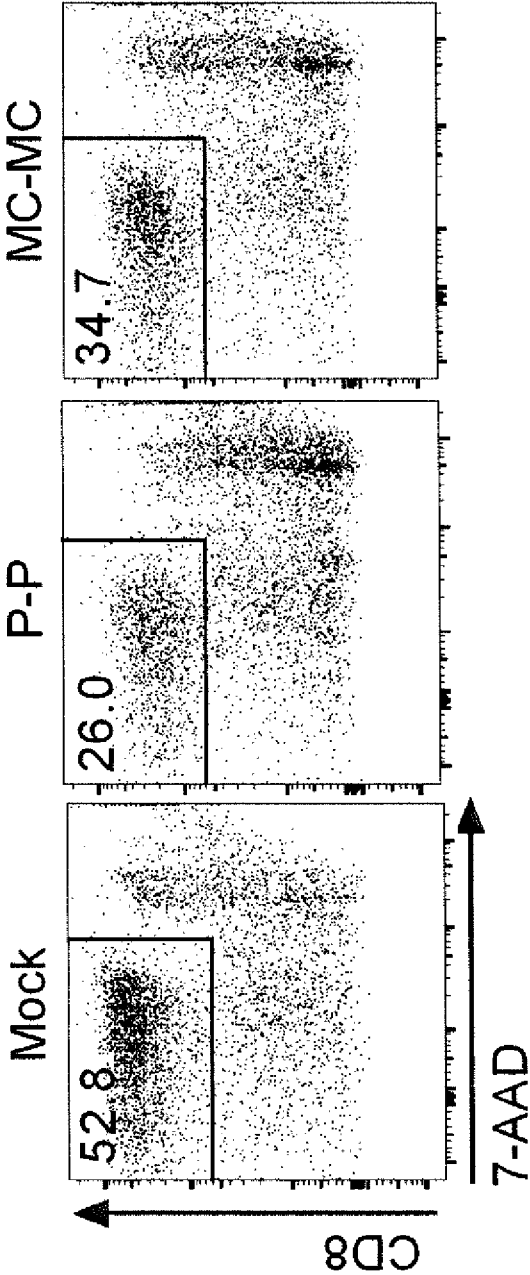


Figure 2

D



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Figure 3

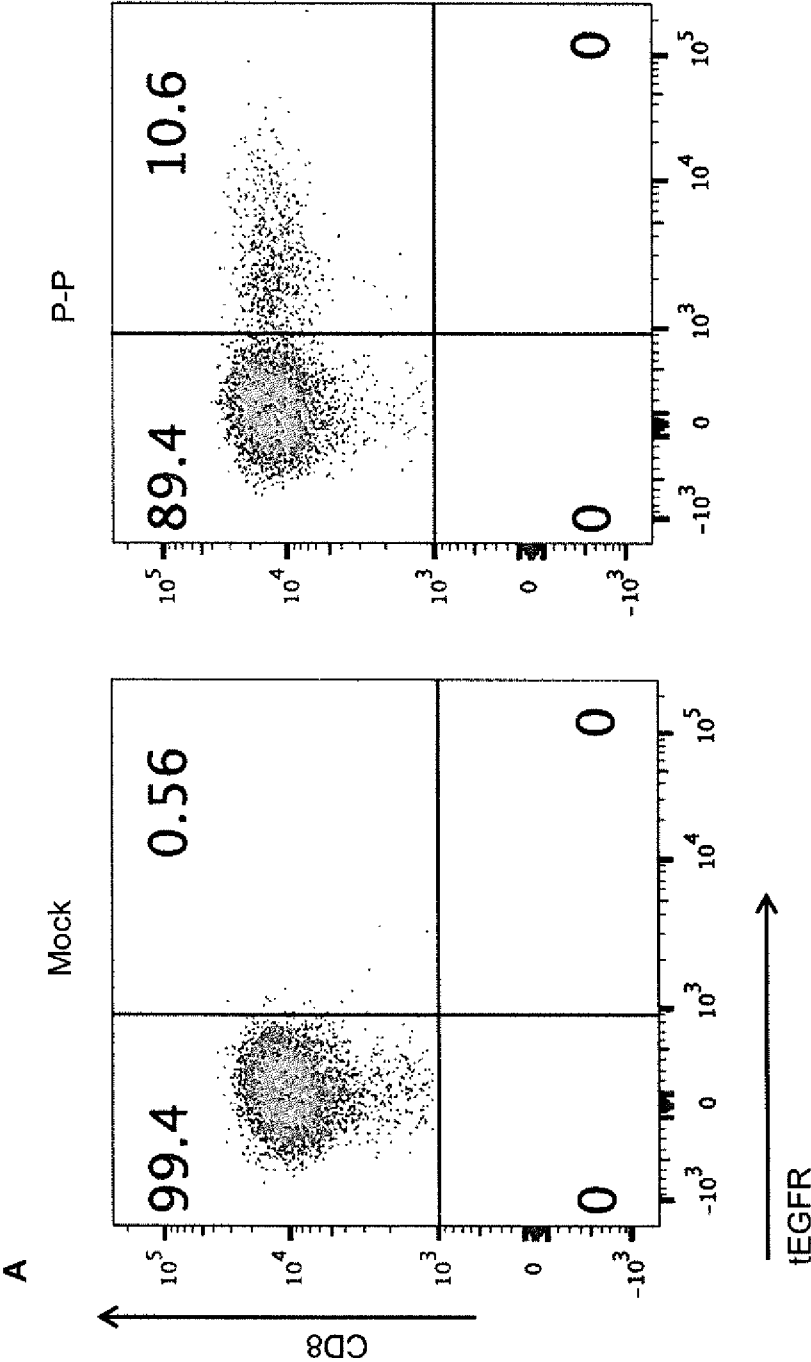


Figure 3

A, continued

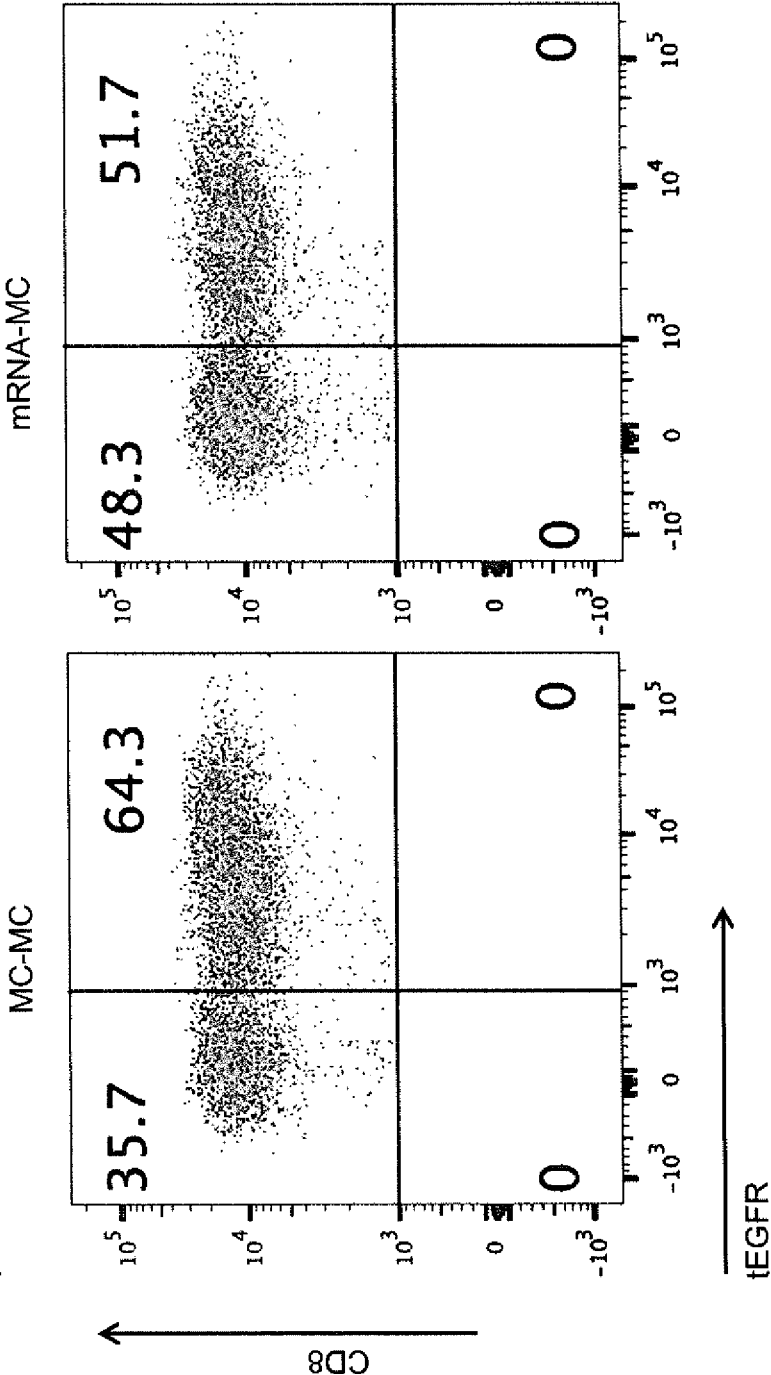
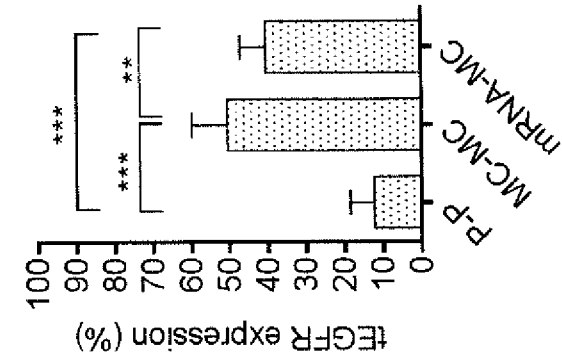


Figure 3

B



C

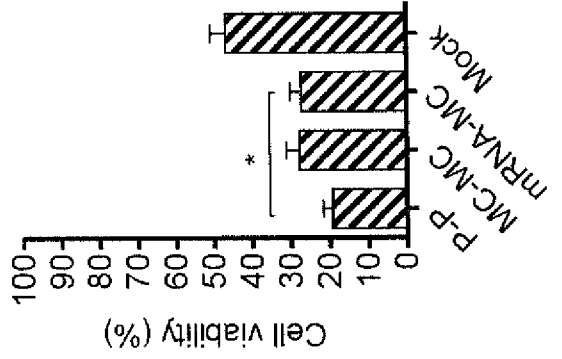
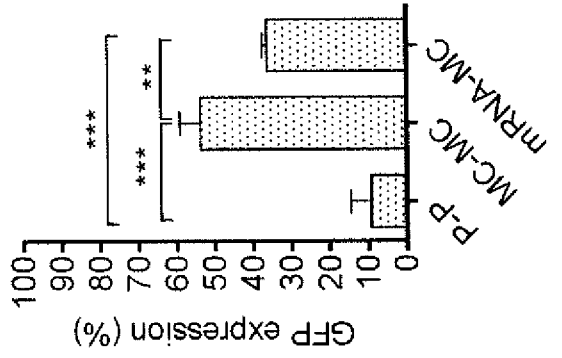
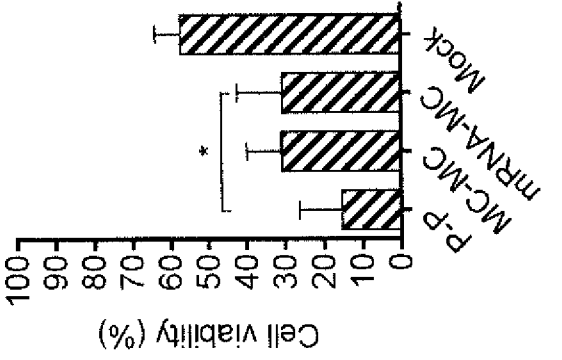


Figure 3

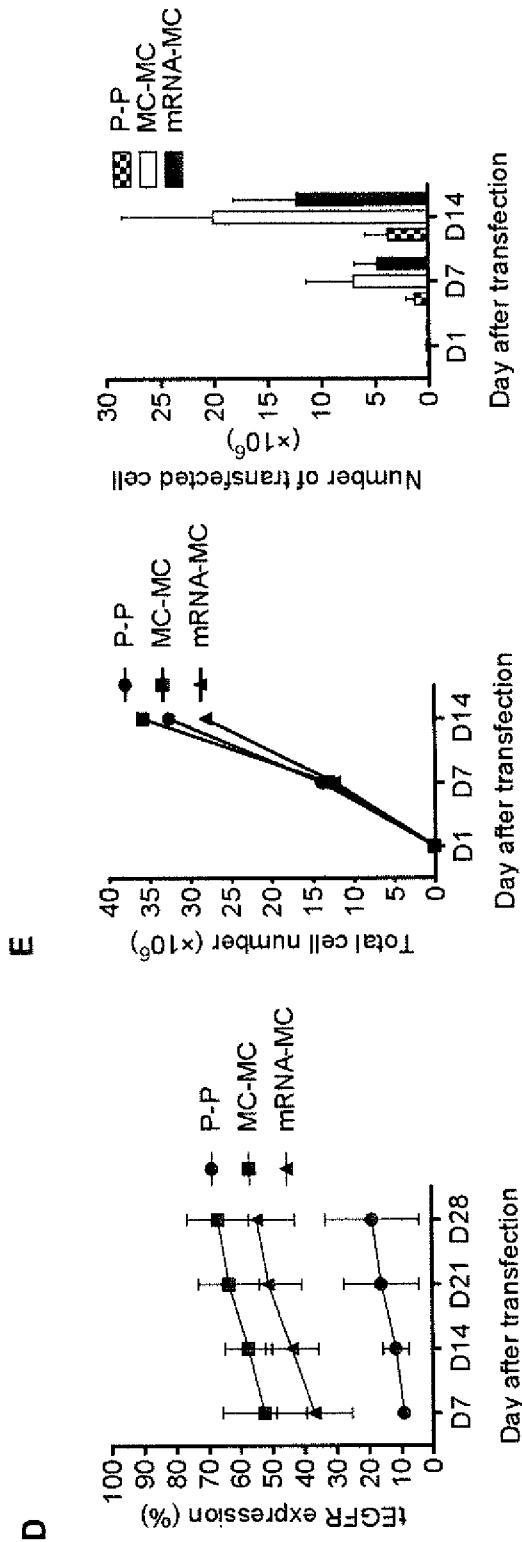


Figure 4

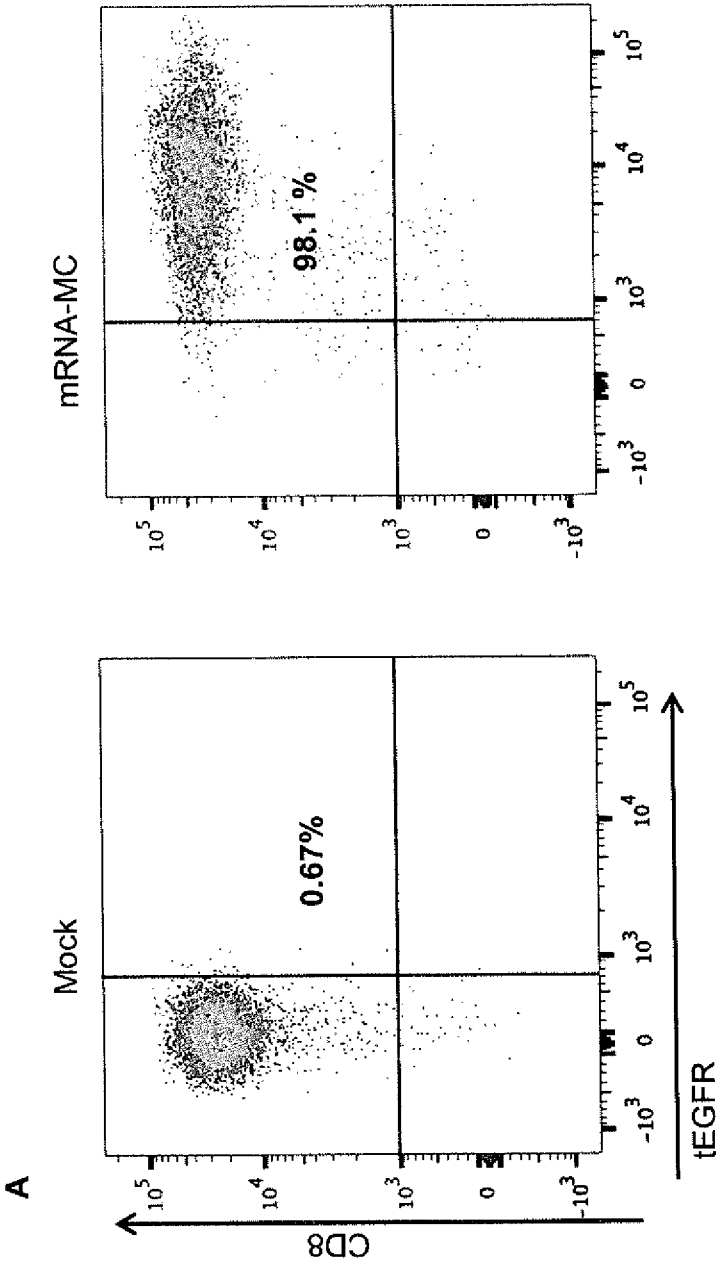


Figure 4

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A, continued

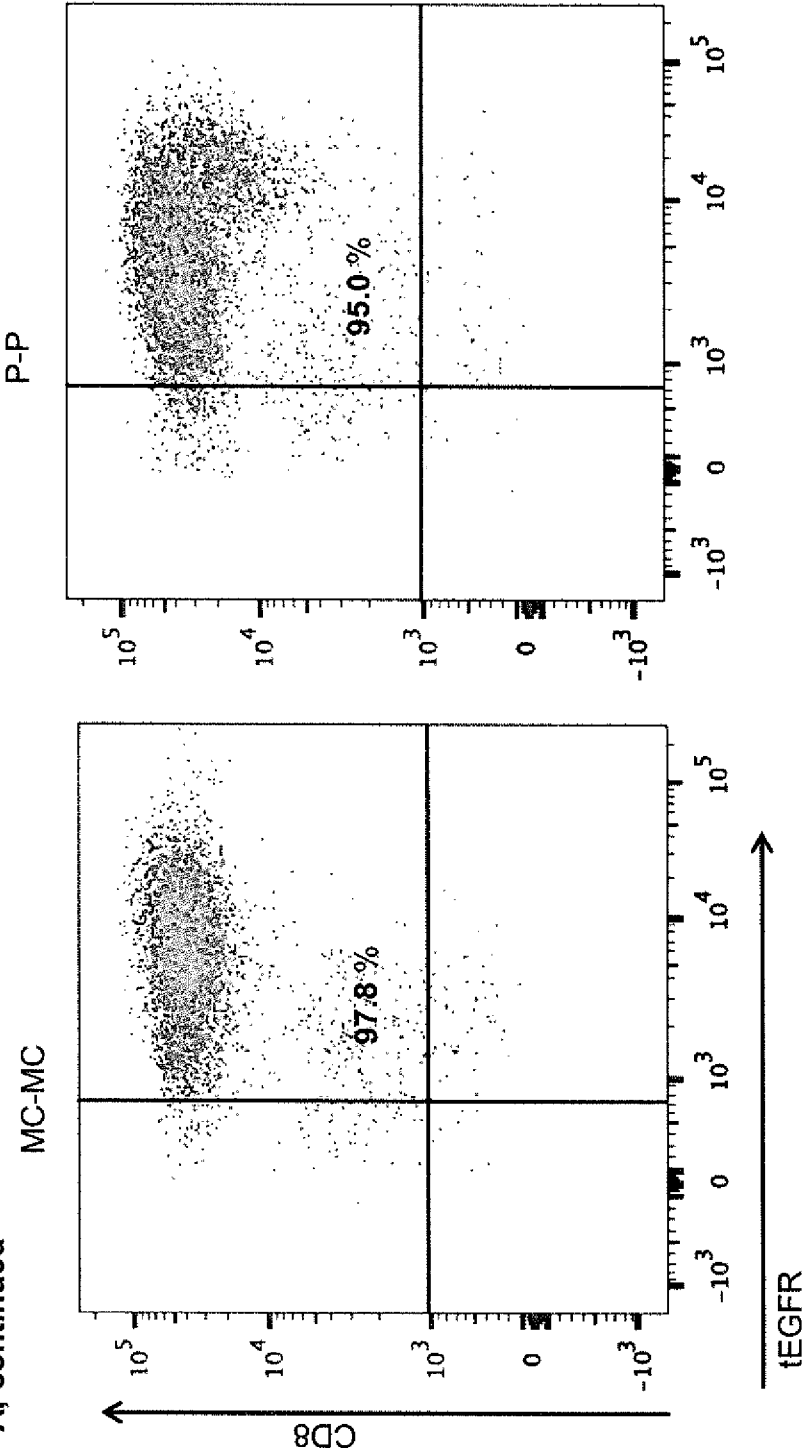


Figure 4
A, continued

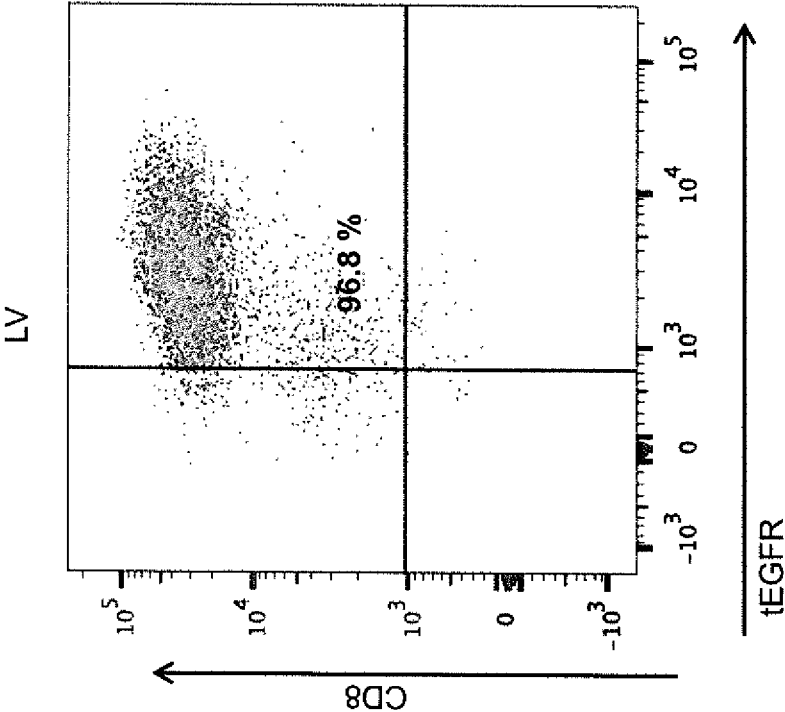


Figure 4

A, continued

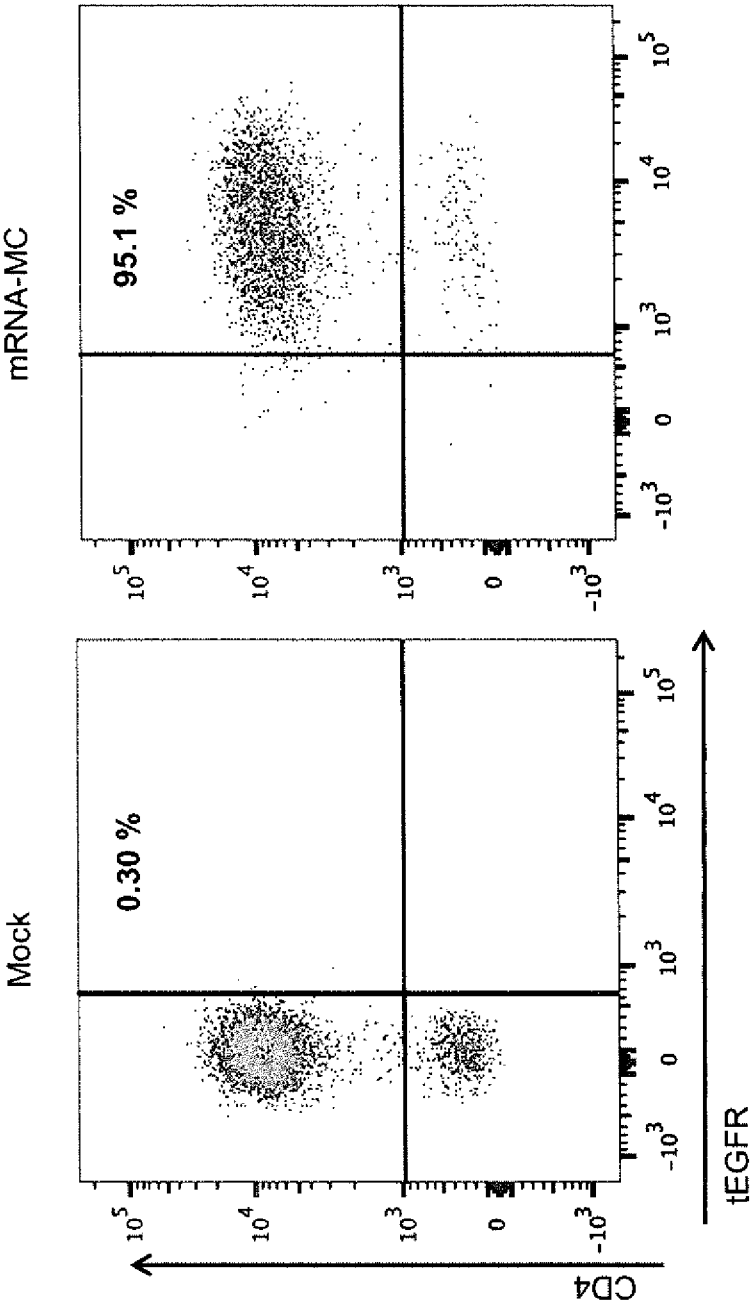


Figure 4
A, continued

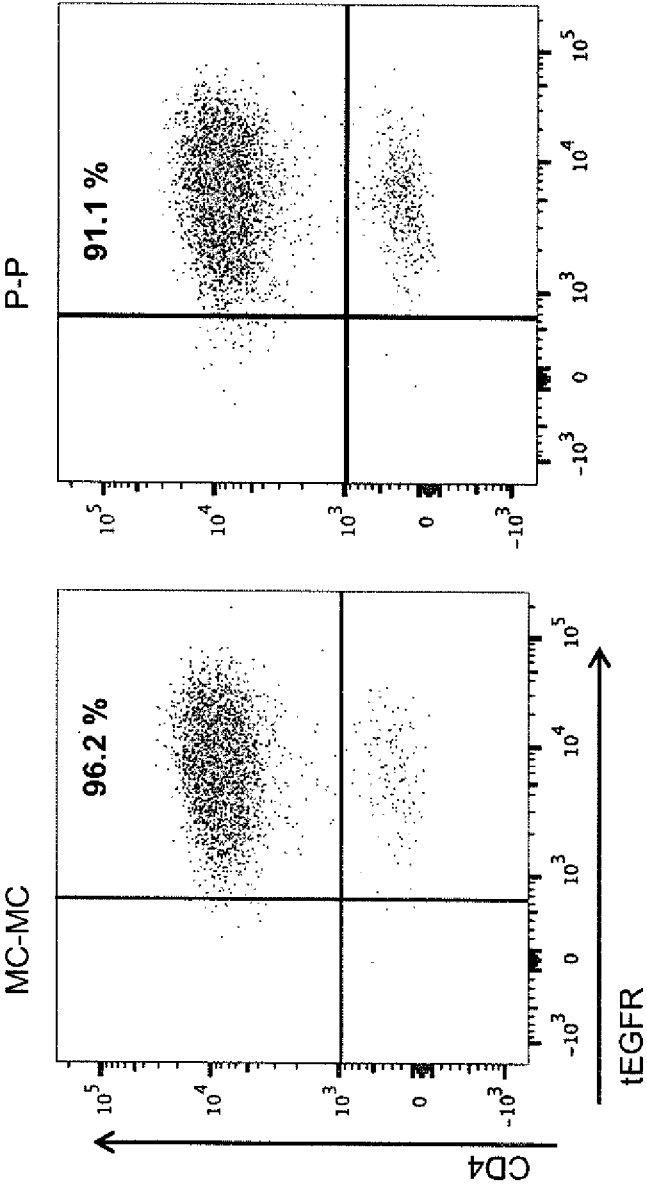
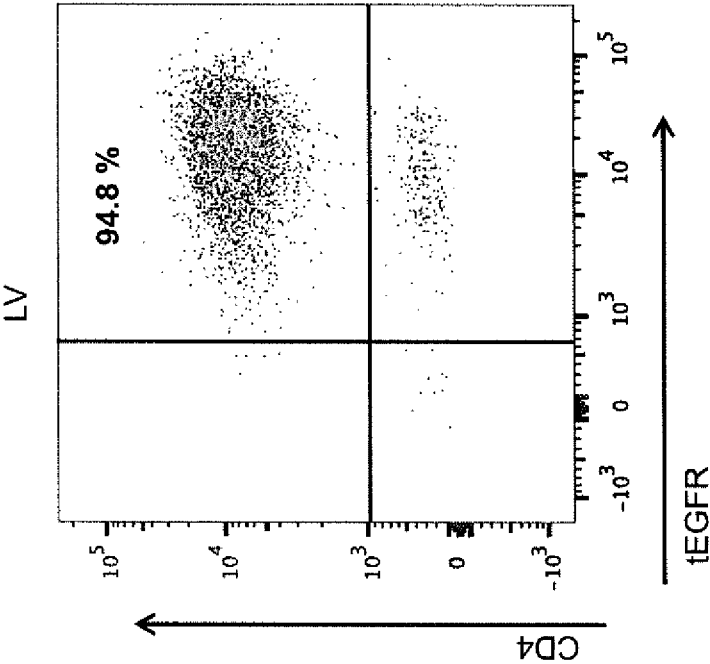


Figure 4

A, continued

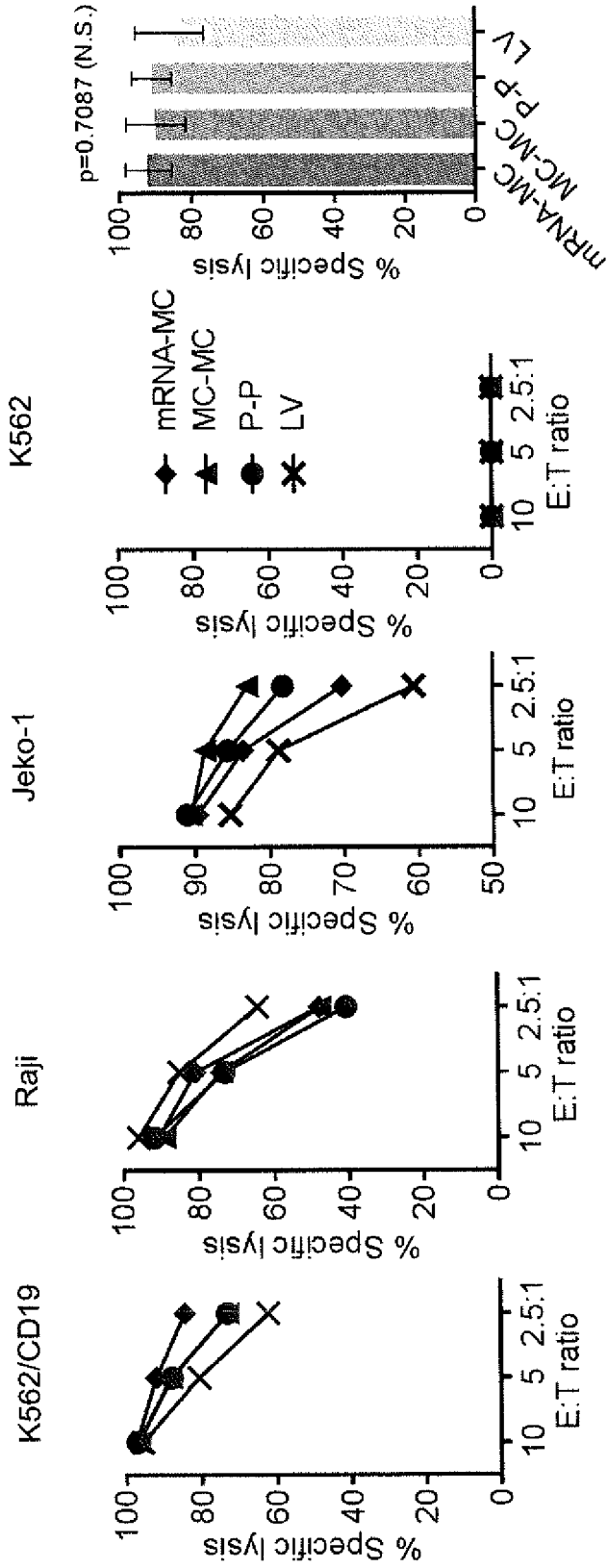
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Figure 4

B



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Figure 4

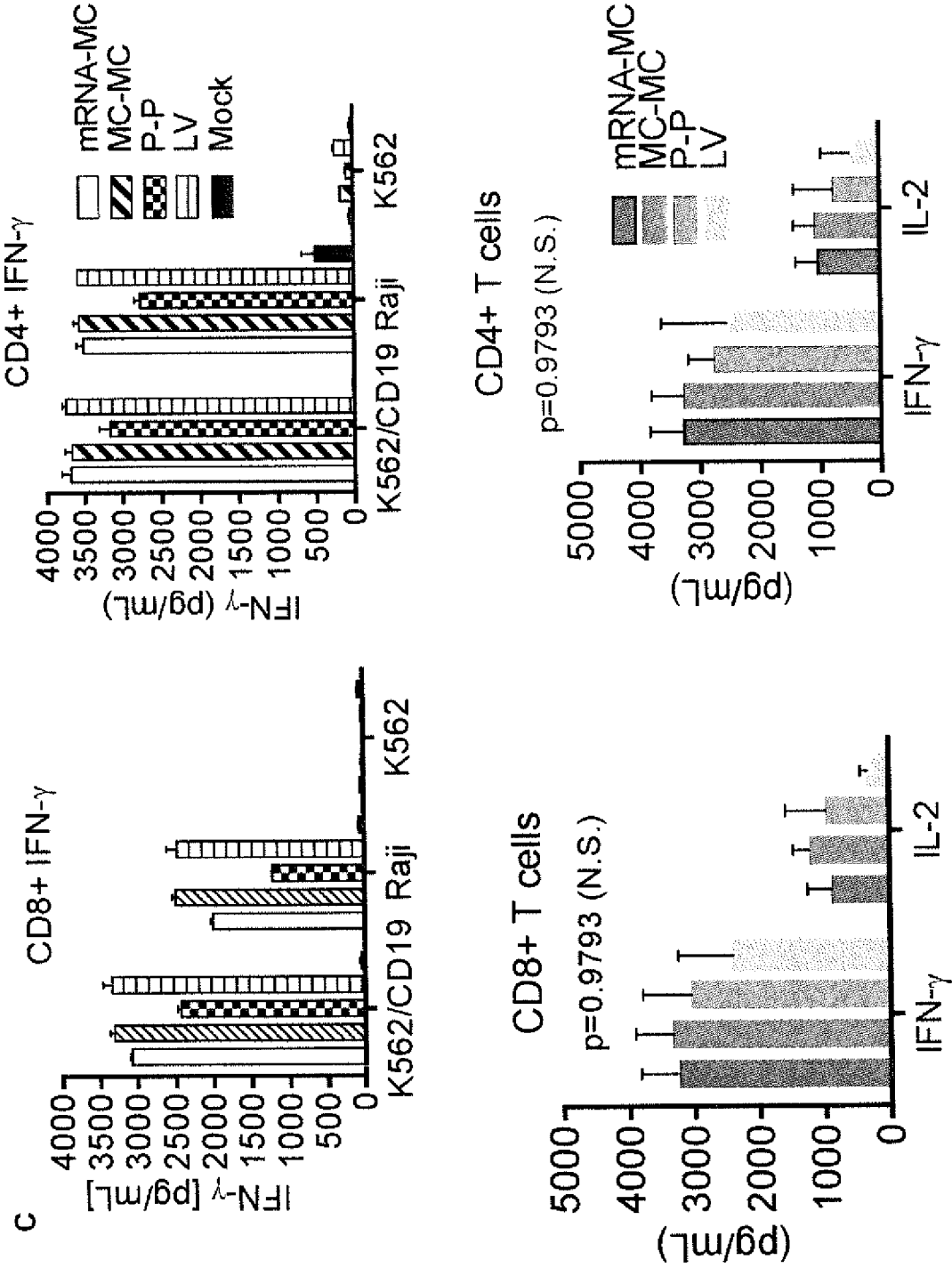
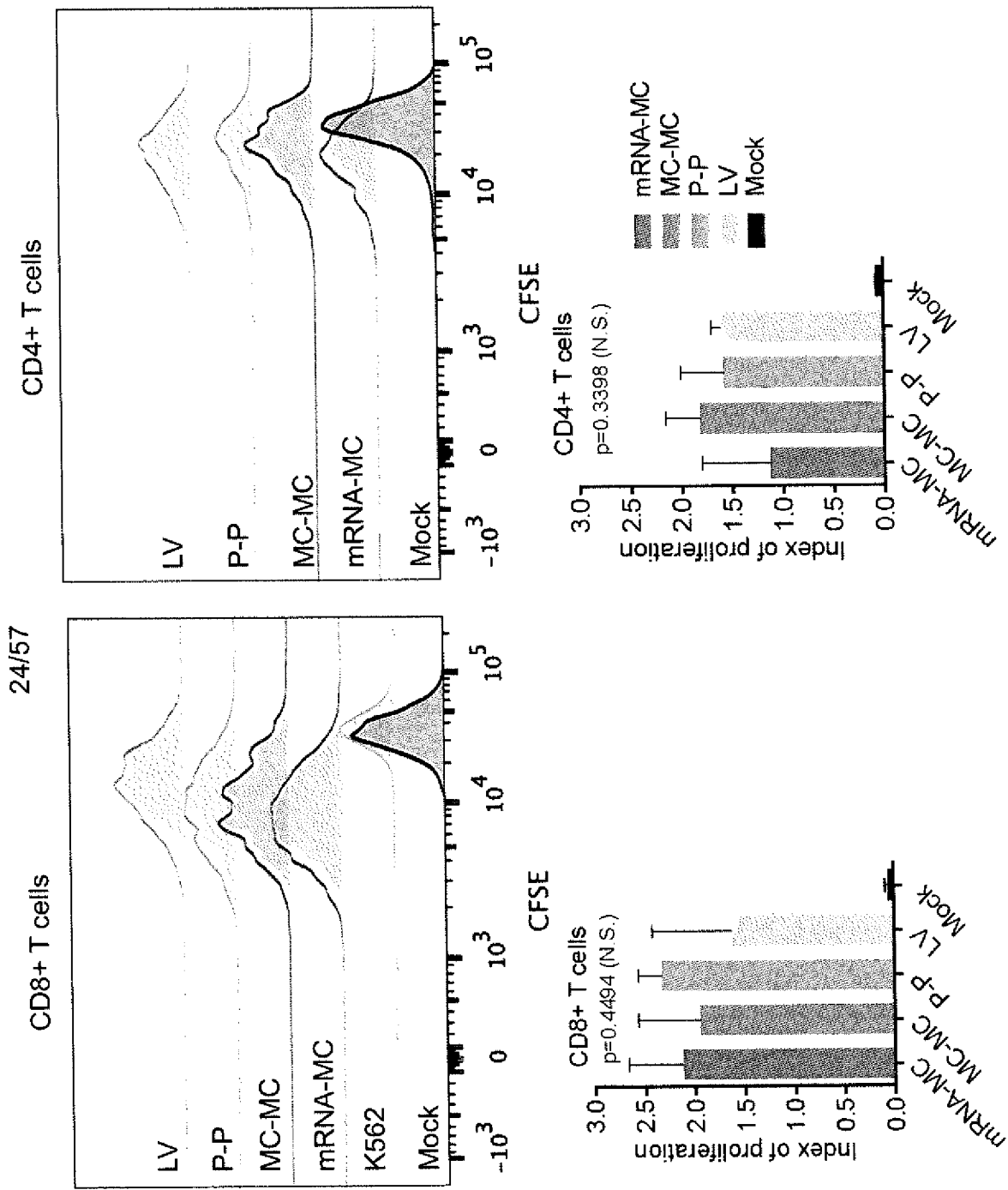


Figure 4
D



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Figure 5

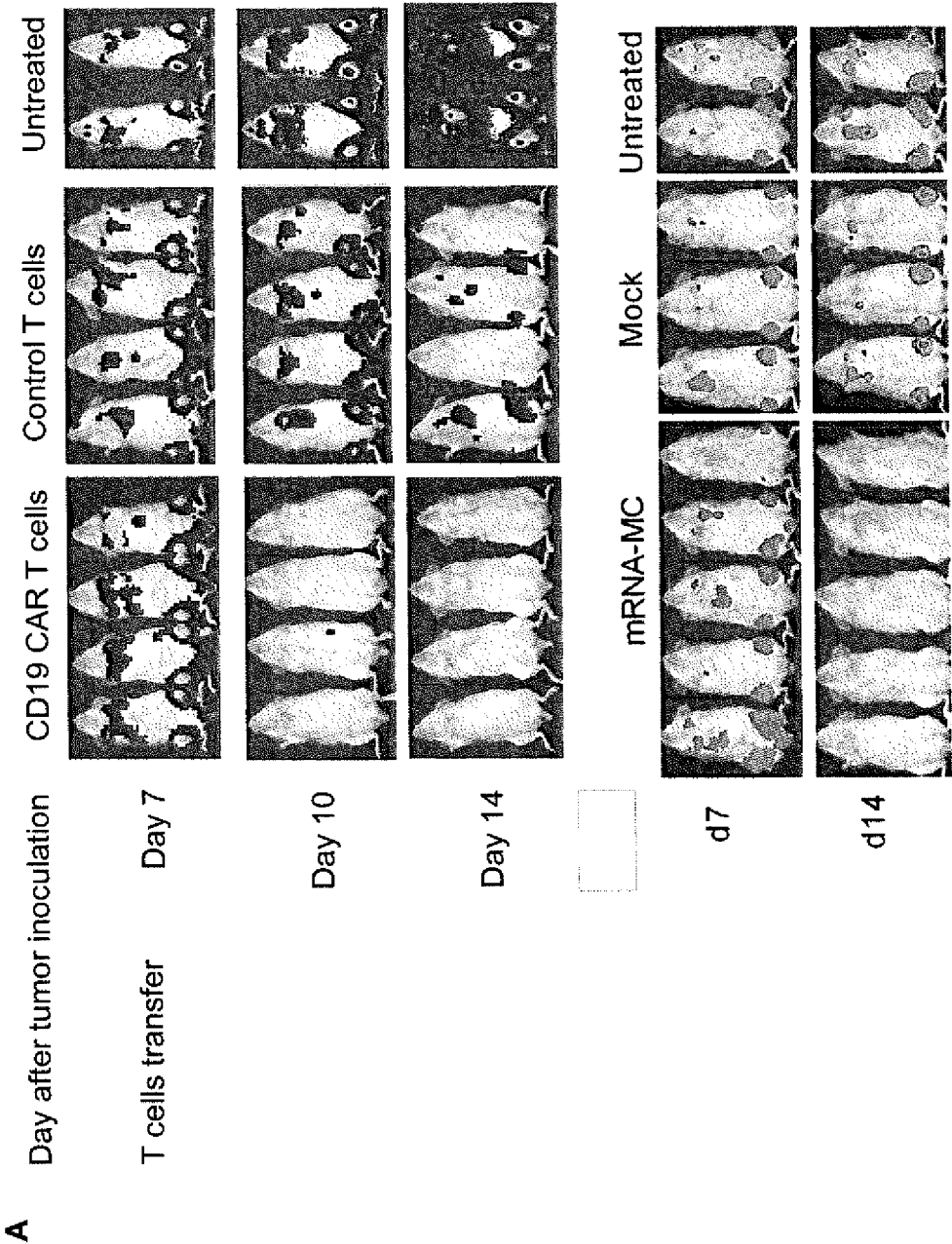
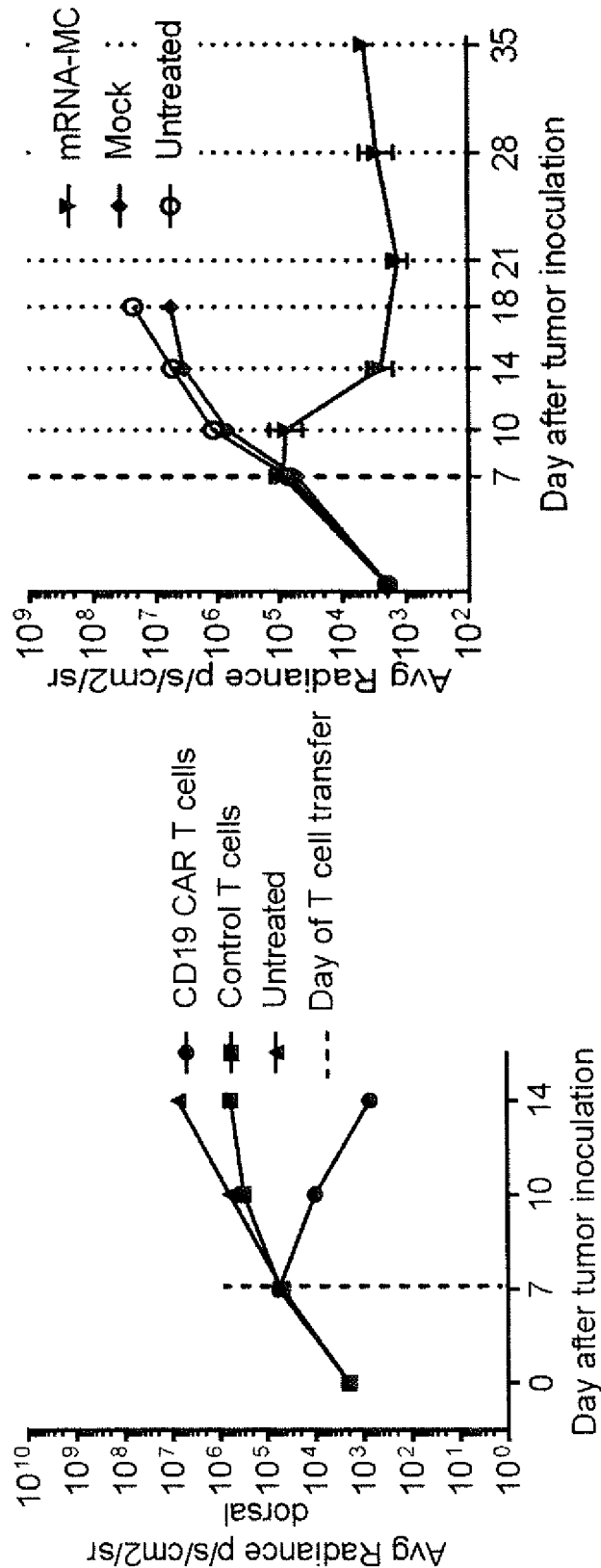


Figure 5
B



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Figure 5

C

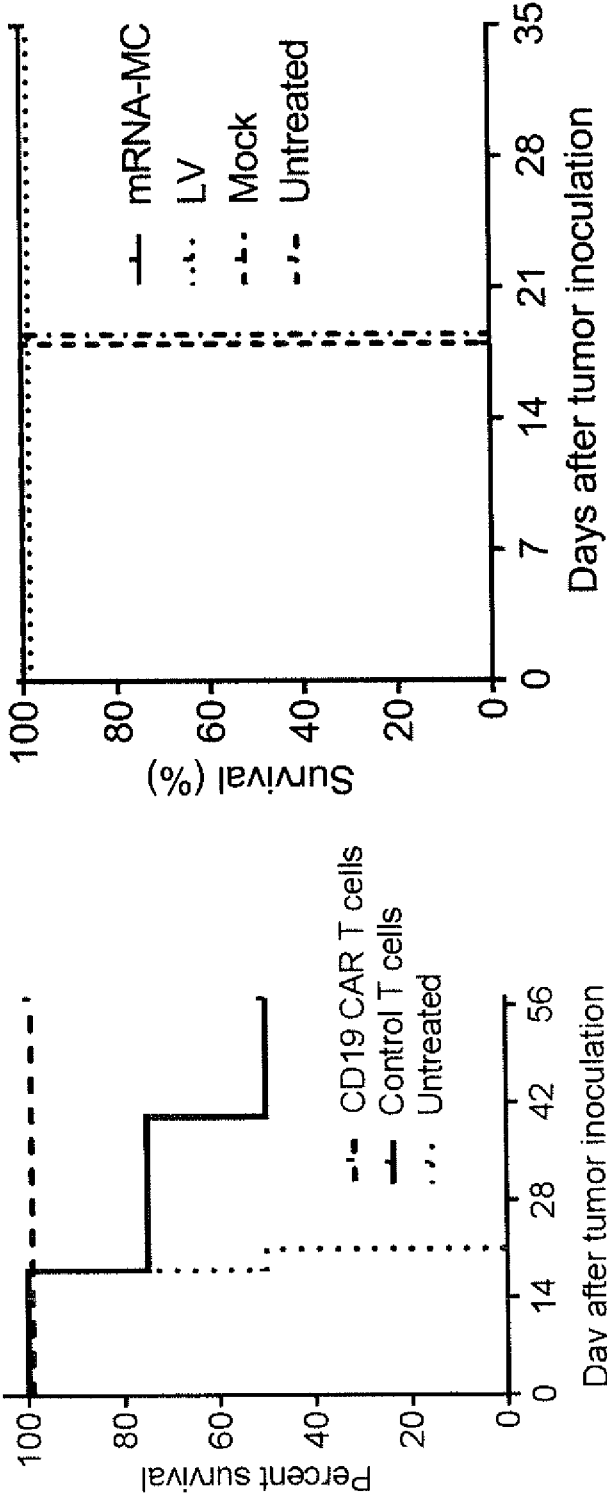
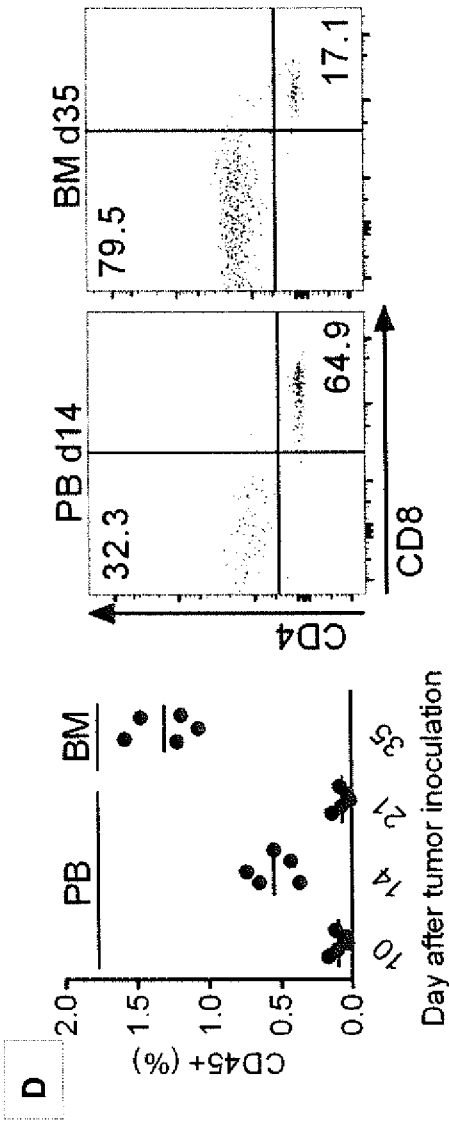


Figure 5



E

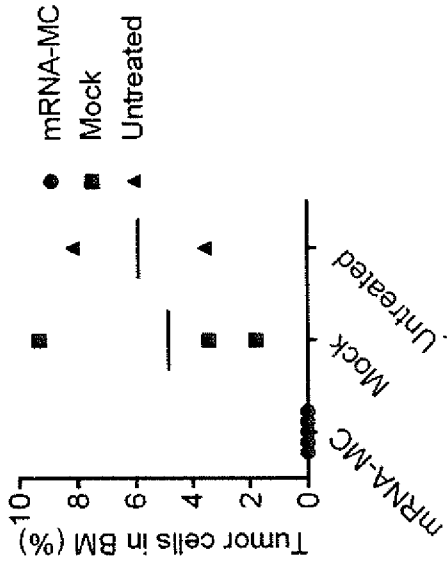


Figure 6

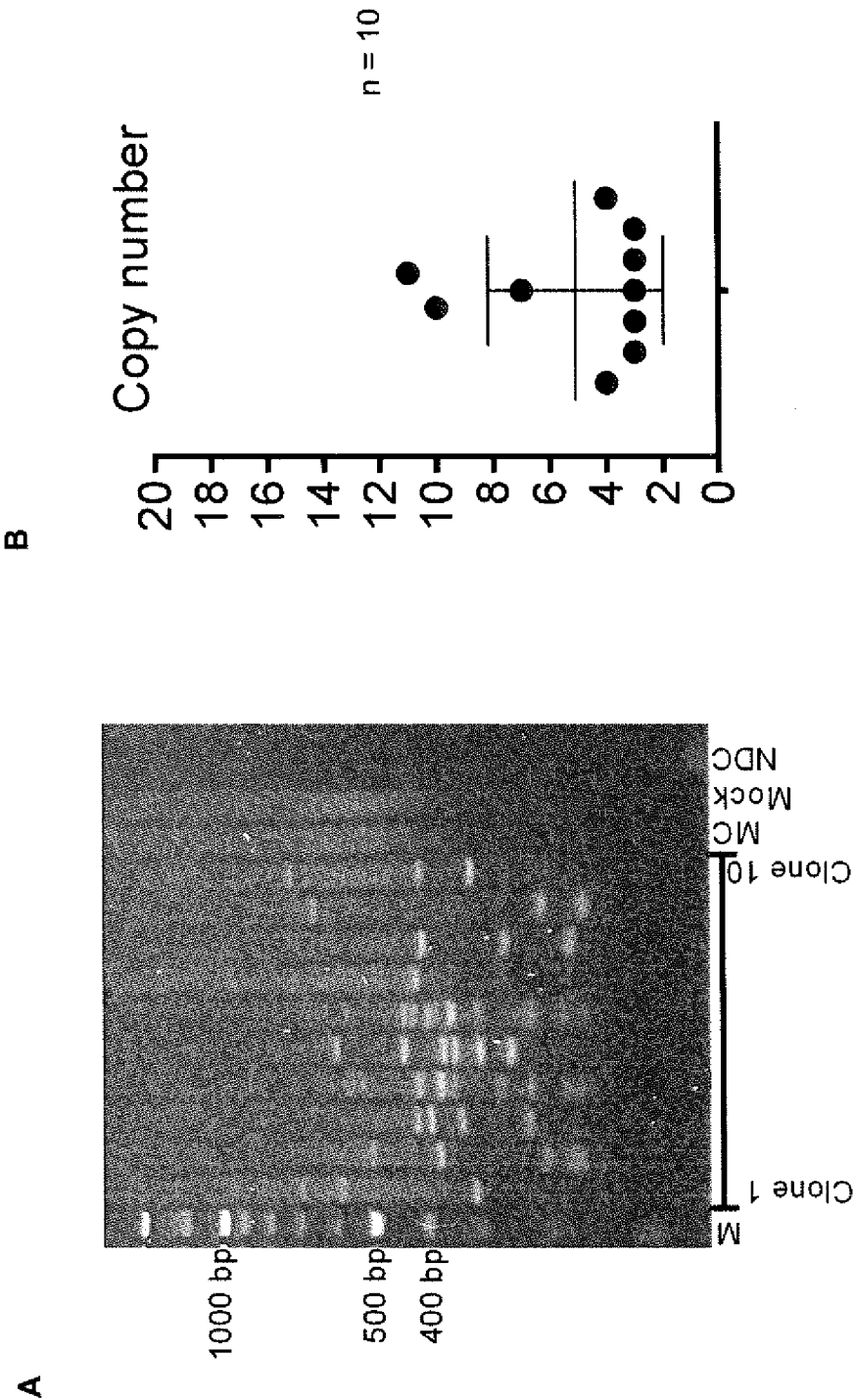
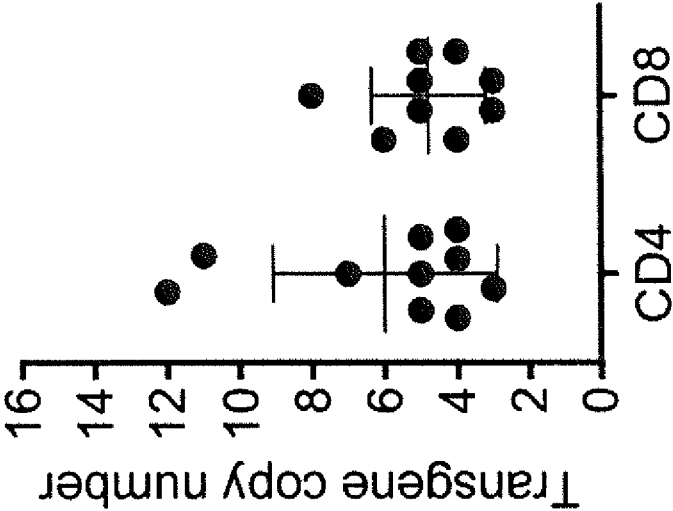


Figure 6
C



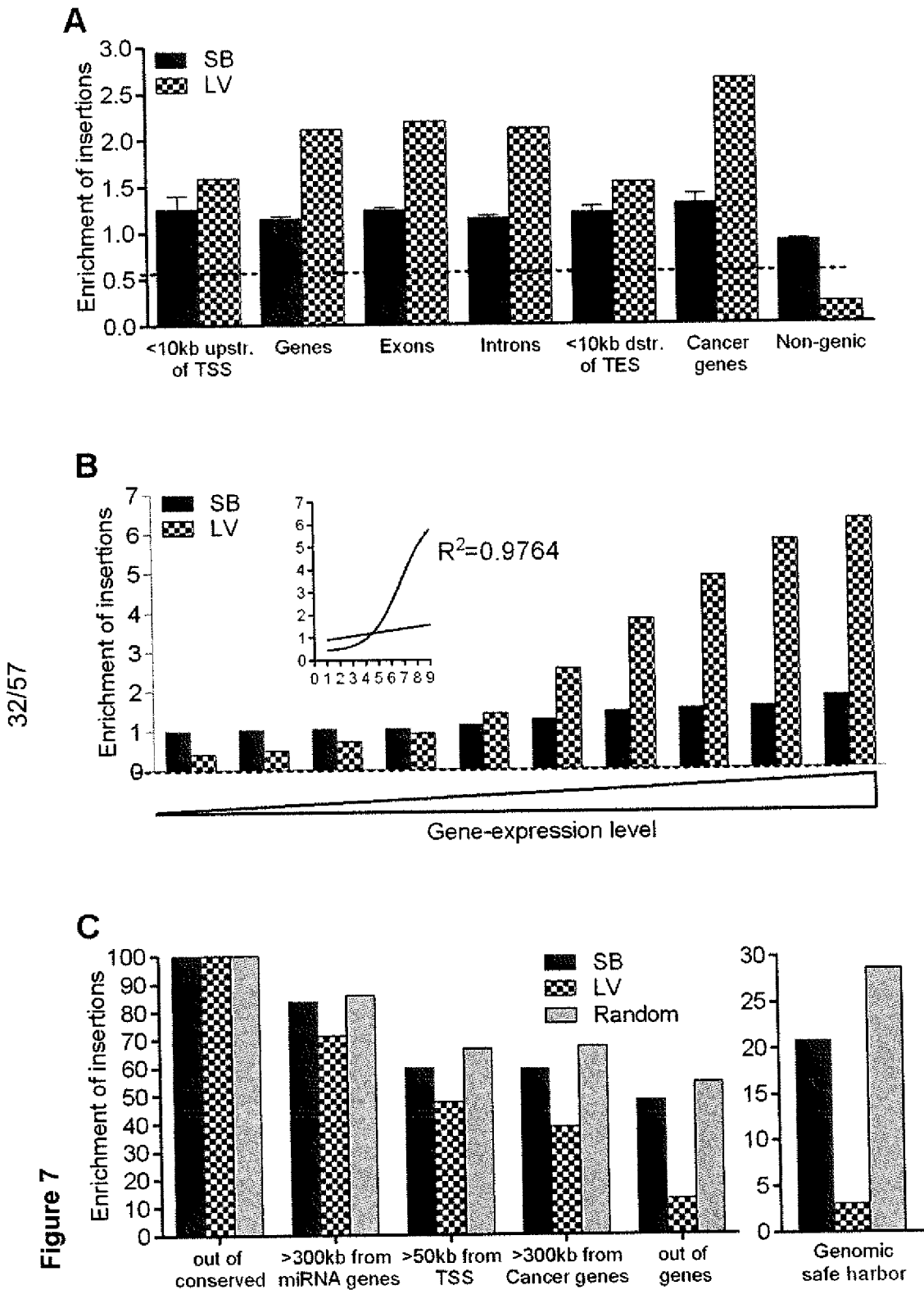


Figure 7

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Figure 8

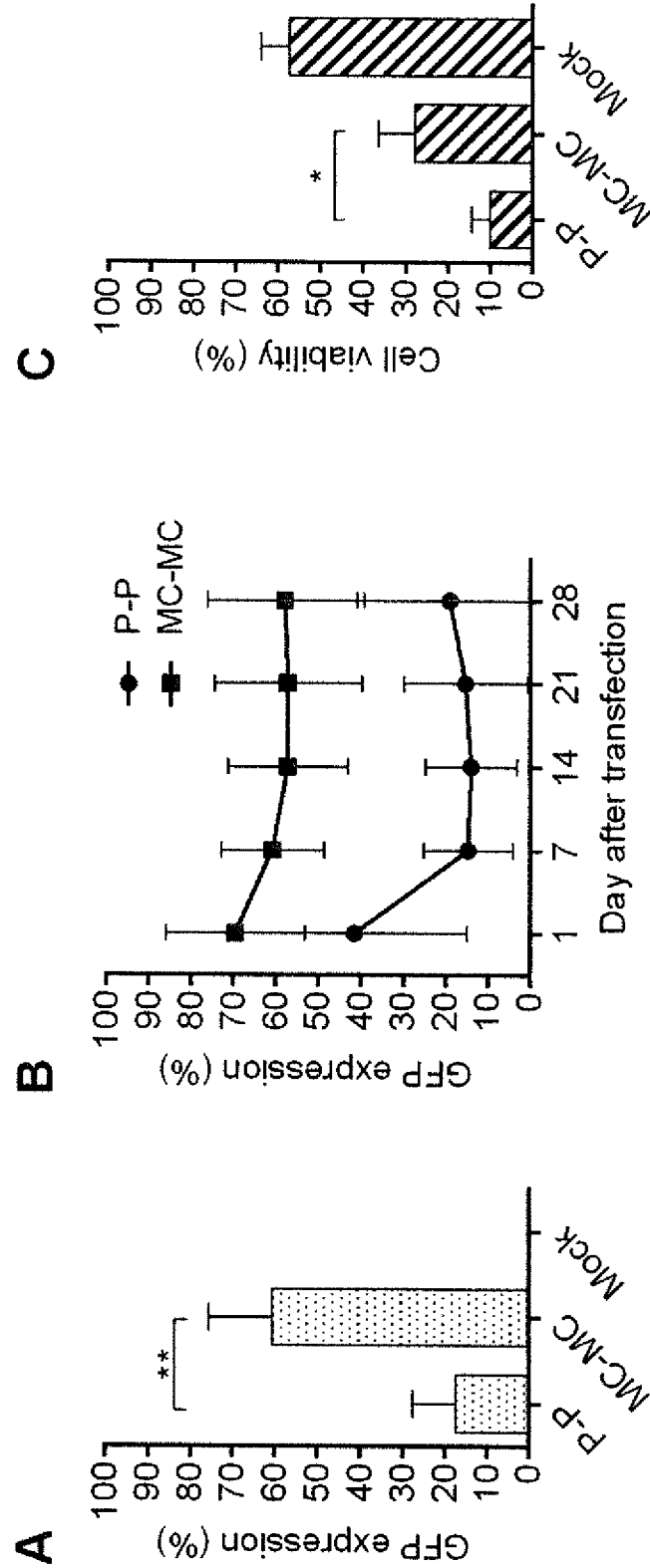


Figure 9

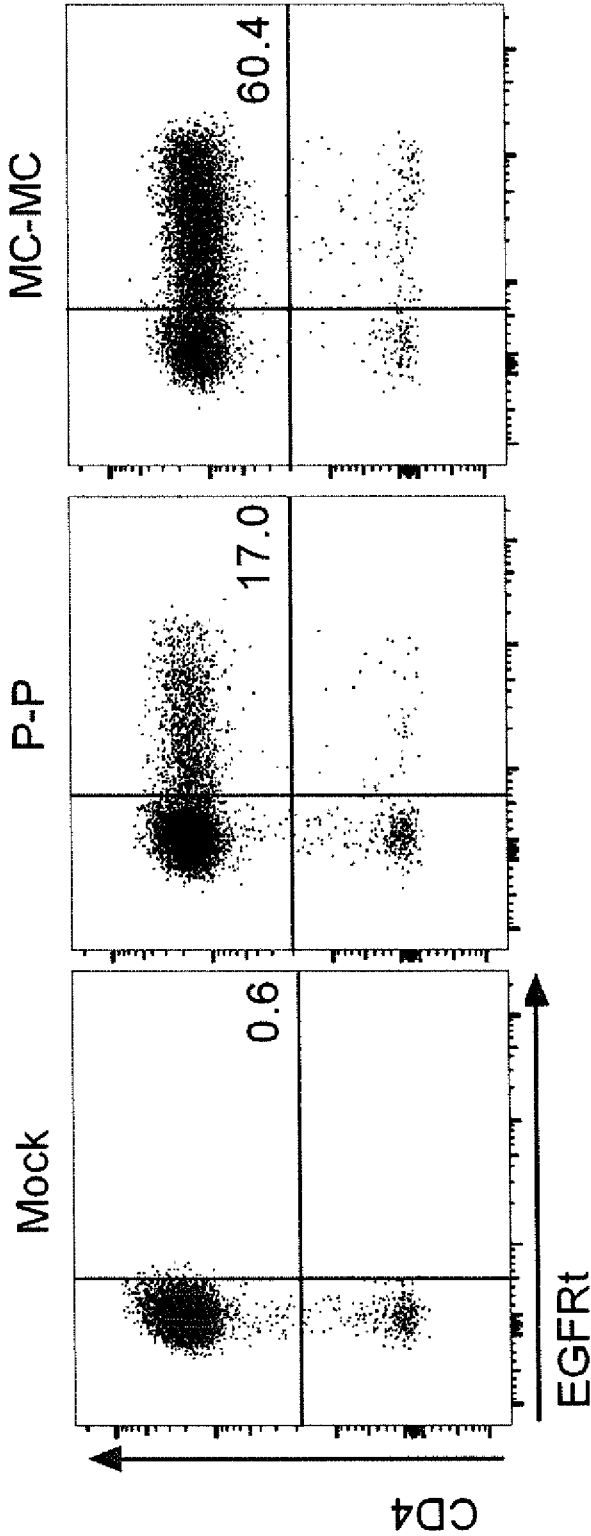
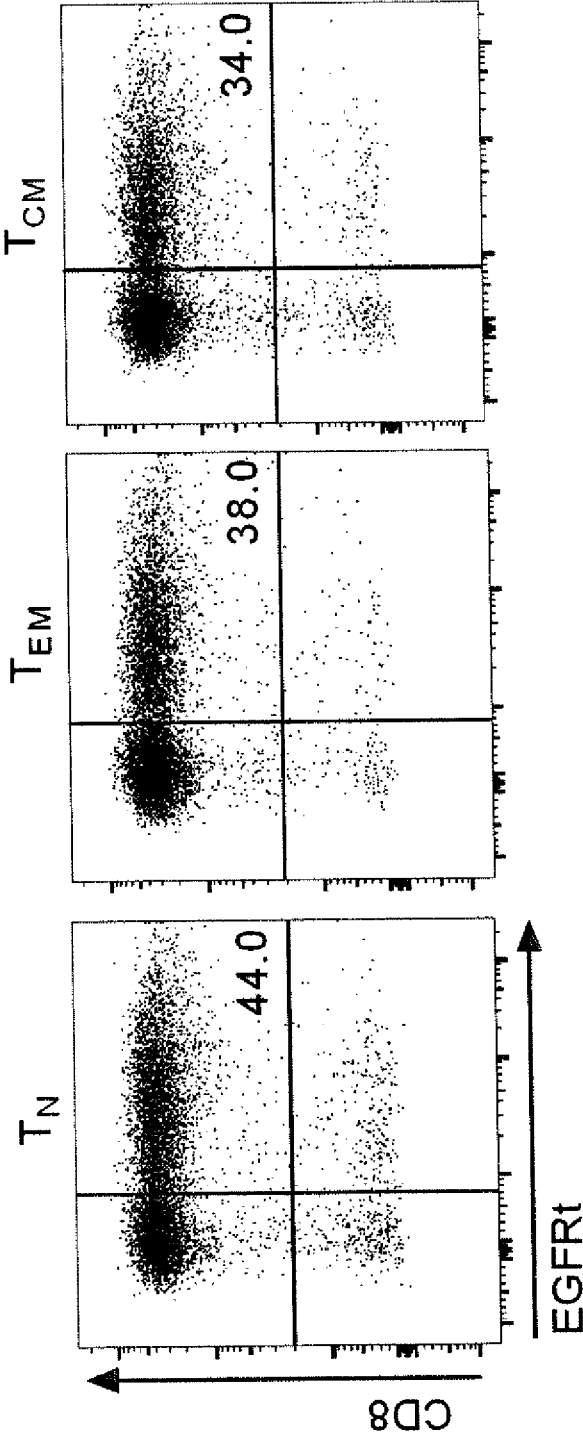


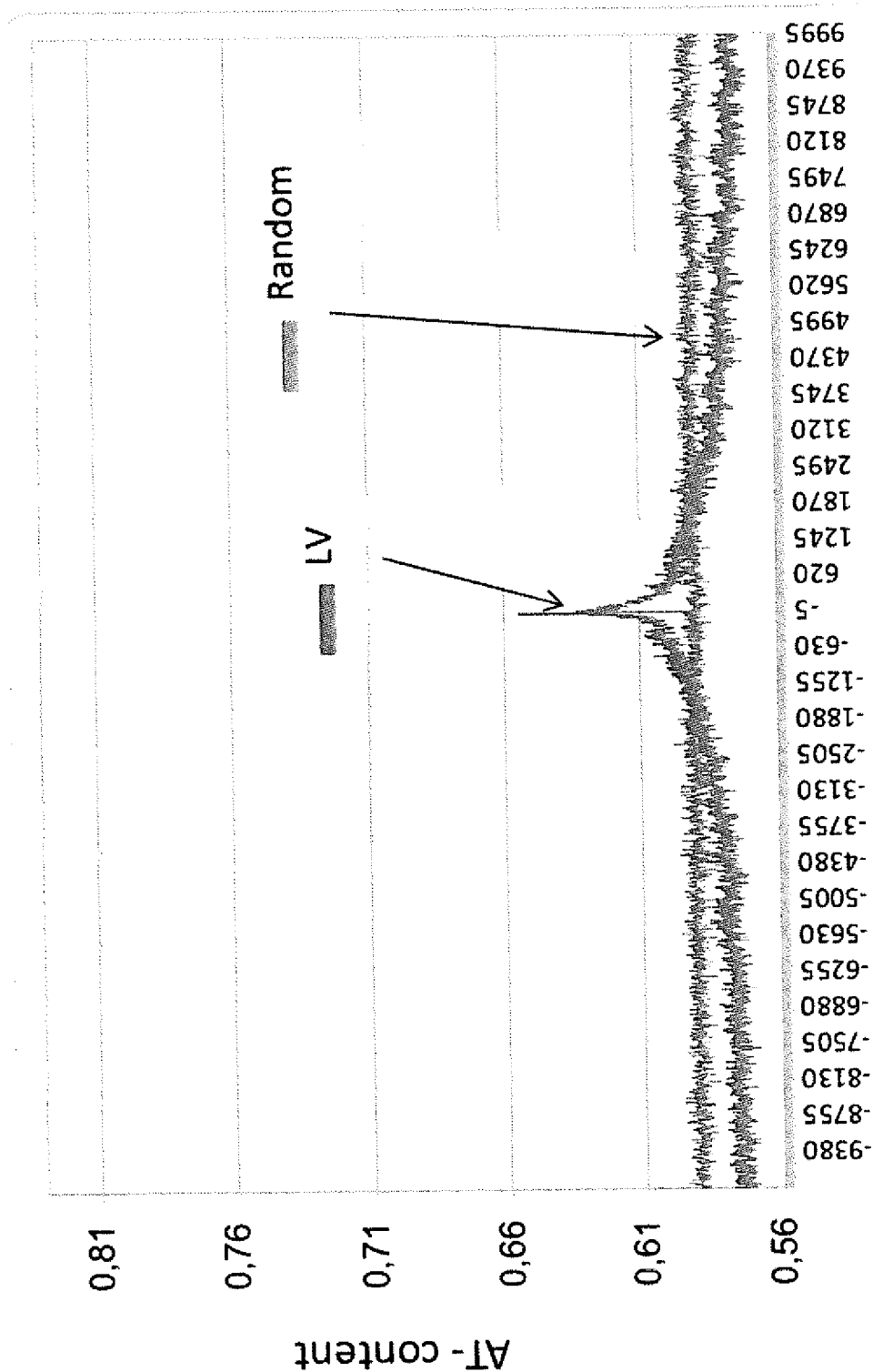
Figure 10



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Figure 11

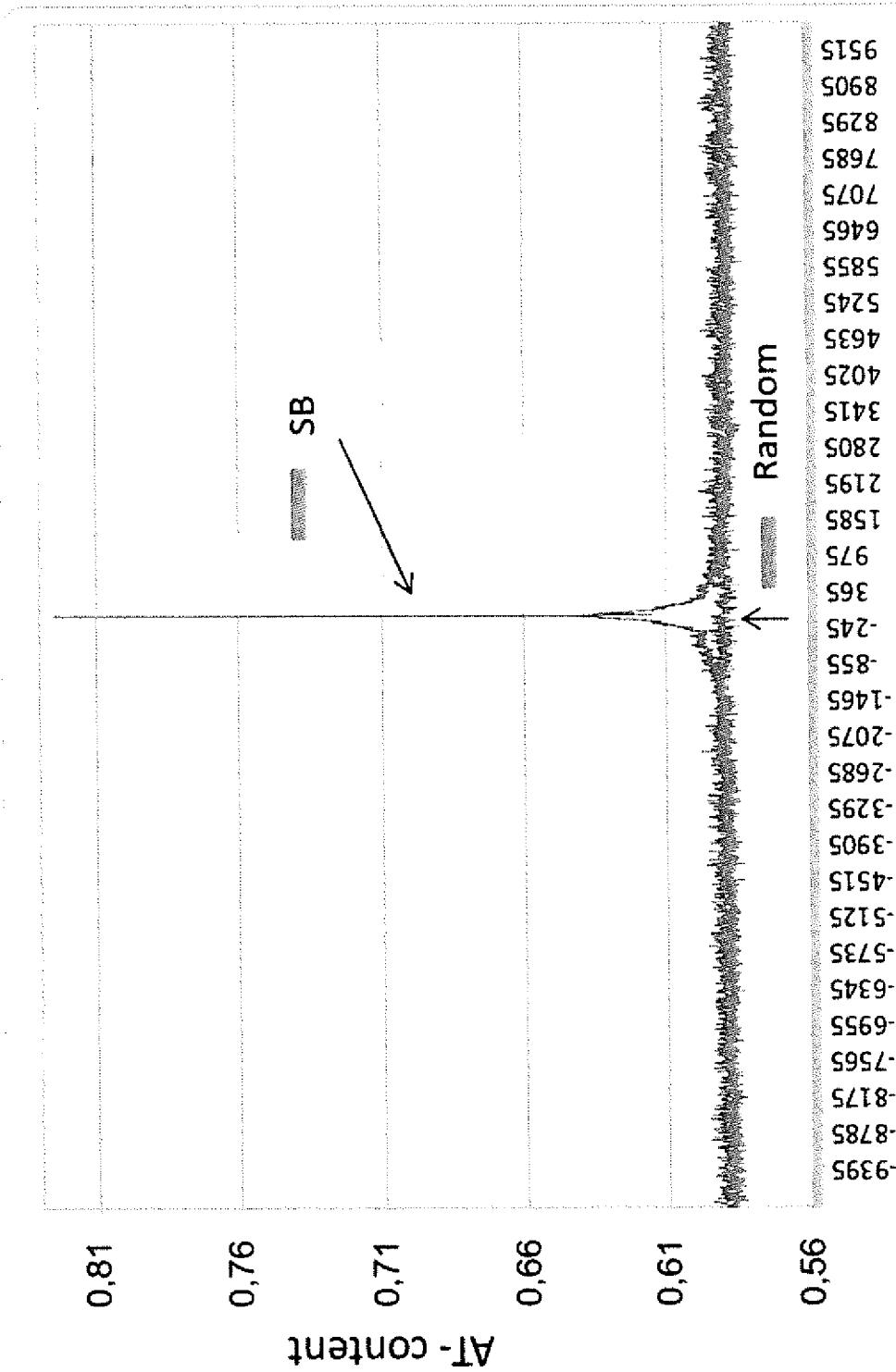
A



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Figure 11

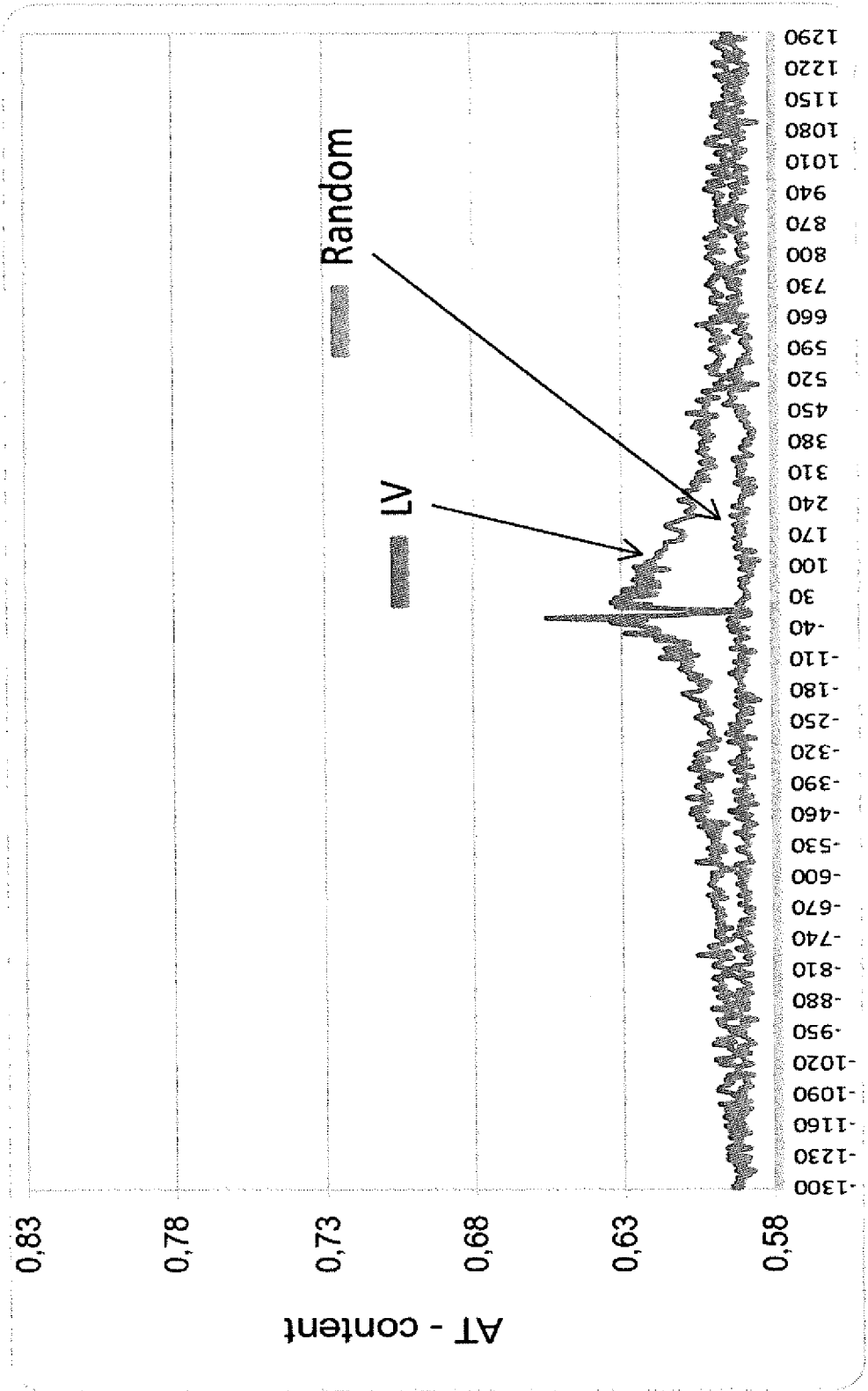
B



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Figure 11

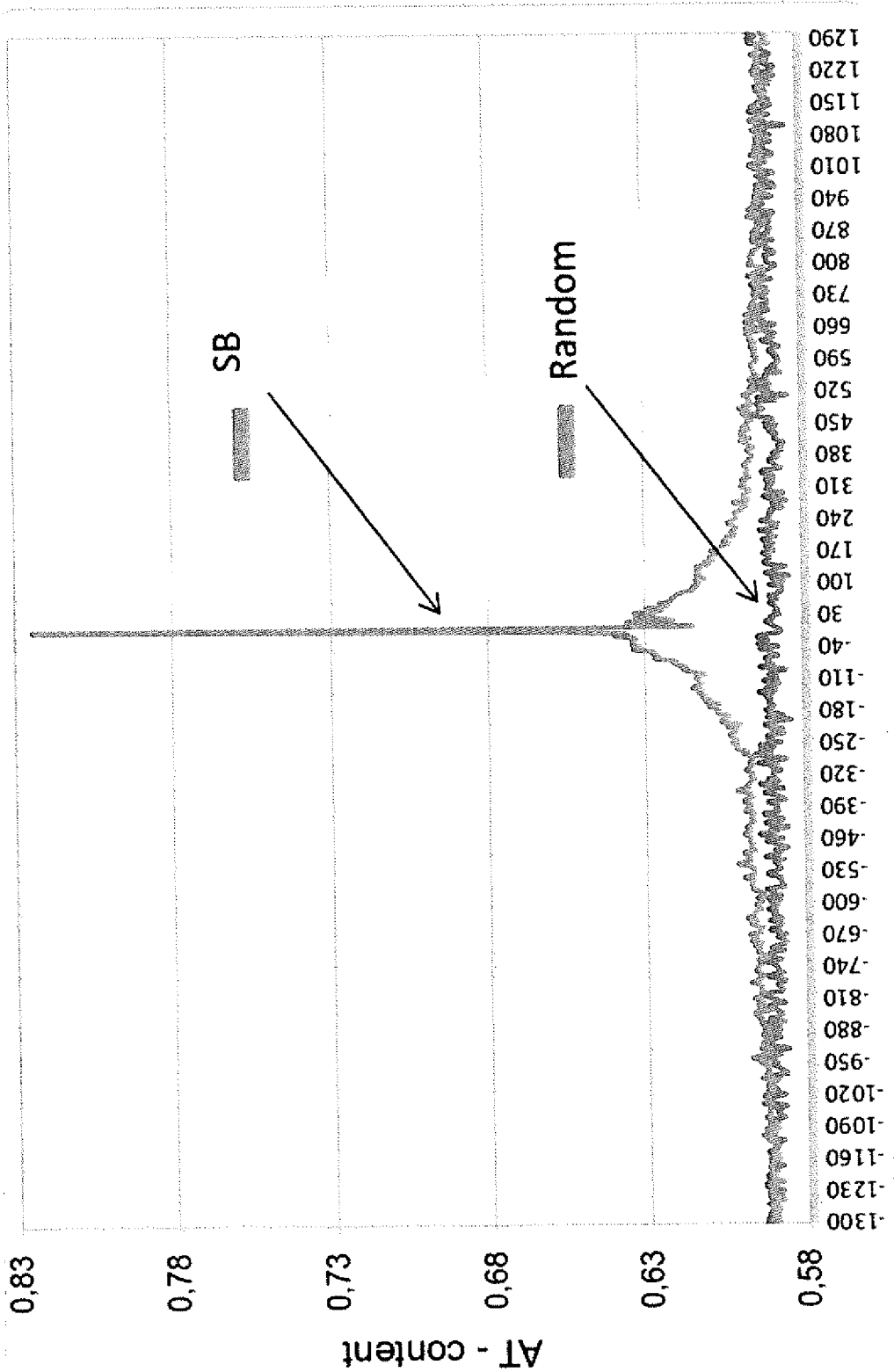
C



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Figure 11

D



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Figure 12

	V1	V2	V3	V4	V5	V6	V7	V8
A	0,30974692	0,316018594	0,316535084	0,325905704	0,318527263	0,318453479	0,315354534	0,324872722
C	0,191987014	0,186600753	0,189109422	0,18018151	0,185936693	0,177746624	0,186379399	0,178263115
G	0,178705822	0,191470523	0,180255294	0,19058511	0,17885339	0,193979193	0,174942817	0,188666716
T	0,319560245	0,305910131	0,314100199	0,303327677	0,316682653	0,309820704	0,323323249	0,308197447
other	0	0	0	0	0	0	0	0

	V9	V10	V11	V12	V13	V14	V15	V16
A	0,304582011	0,320593227	0,305836346	0,321699993	0,307385819	0,332989006	0,314395337	0,344499373
C	0,183280455	0,188371578	0,195676234	0,189994835	0,187633734	0,177156349	0,184977496	0,172065225
G	0,187633734	0,185641555	0,185789124	0,18571534	0,181878551	0,187486165	0,176344721	0,179665019
T	0,3245038	0,30539364	0,312698296	0,302589833	0,323101896	0,302368479	0,324282447	0,303770383
other	0	0	0	0	0	0	0	0

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Figure 12, continued

	V17	V18	V19	V20	V21	V22	V23	V24
A	0,318158341	0,33003763	0,305983915	0,330332768	0,305688777	0,33623552	0,29617059	0,326791116
C	0,180255294	0,175533092	0,187338597	0,184165867	0,187264812	0,176566074	0,181435844	0,173688482
G	0,172803069	0,190363757	0,181730982	0,18387073	0,185936693	0,184018299	0,177894193	0,189994835
T	0,328783295	0,304065521	0,324946506	0,301630635	0,321109717	0,303180108	0,344499373	0,309525566
other	0	0	0	0	0	0	0	0

	V25	V26	V27	V28	V29	V30	V31	V32
A	0,301187929	0,358075703	0,263631668	0,684497897	0,170810891	0,485501365	0,000221353	0,998081606
C	0,181583413	0,160997565	0,228362724	0,043090091	0,233675201	0,169482771	0,00066406	0,000147569
G	0,187338597	0,226370545	0,199734376	0,076588209	0,177746624	0,173540913	0,000442706	0,001328119
T	0,329890061	0,254556187	0,308271231	0,195823803	0,417767284	0,17147495	0,998671881	0,000442706
other	0	0	0	0	0	0	0	0

▲
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Figure 12, continued

	V33	V34	V35	V36	V37	V38	V39	V40
A	0,176639858	0,41702944	0,204751715	0,30908286	0,257138641	0,323618387	0,303844167	0,337120933
C	0,1783369	0,177377702	0,07894931	0,202833321	0,230576256	0,189699697	0,19058511	0,177746624
G	0,170884675	0,234855751	0,038589242	0,233675201	0,161218918	0,185936693	0,175237955	0,185862909
T	0,474138567	0,170737106	0,677709732	0,254408618	0,351066185	0,300745222	0,330332768	0,299269534
other	0	0	0	0	0	0	0	0

	V41	V42	V43	V44	V45	V46	V47	V48
A	0,300597654	0,319191323	0,303327677	0,32568435	0,306426621	0,334169557	0,308861507	0,316756438
C	0,189256991	0,193462702	0,19191323	0,182468826	0,191691876	0,174942817	0,182911533	0,179591234
G	0,177156349	0,190954032	0,182173688	0,191101601	0,181214491	0,179074744	0,179222312	0,190658895
T	0,332989006	0,296391943	0,322585405	0,300745222	0,320667011	0,311812883	0,329004648	0,312993433
other	0	0	0	0	0	0	0	0

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Figure 12, continued

	V49	V50	V51	V52	V53	V54	V55	V56
A	0,307754741	0,313731277	0,306279053	0,301851988	0,305910131	0,320371873	0,305836346	0,322364052
C	0,186158046	0,184313436	0,184608574	0,196192725	0,184682358	0,183796945	0,195381096	0,185125065
G	0,17951745	0,196487862	0,191101601	0,198406257	0,187707519	0,195454881	0,185346418	0,181657198
T	0,326569763	0,305467424	0,318010773	0,30354903	0,321699993	0,3003763	0,31343614	0,310853686
other	0	0	0	0	0	0	0	0

	V57	V58
A	0,314838043	0,322732974
C	0,184239652	0,175016601
G	0,181878551	0,191691876
T	0,319043754	0,310558548
other	0	0

Figure 13

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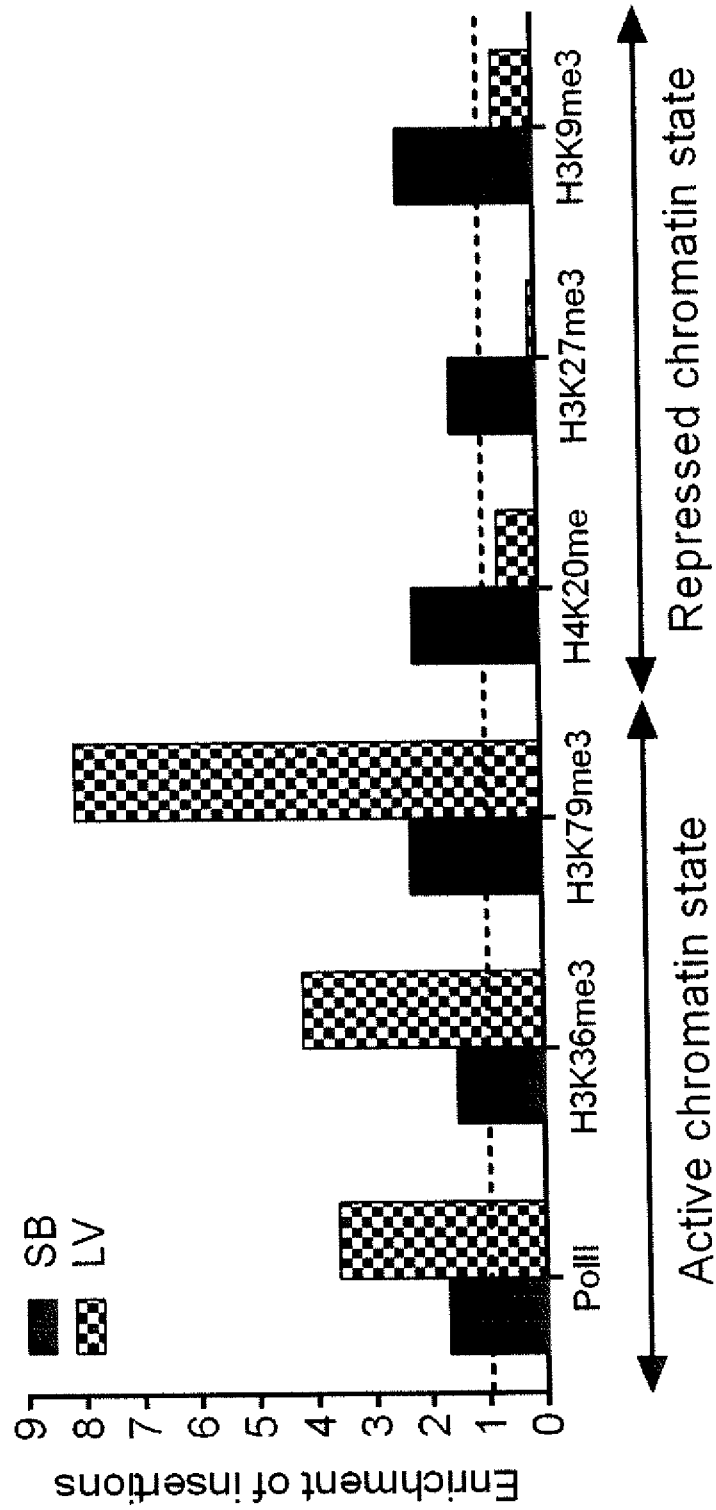


Figure 14

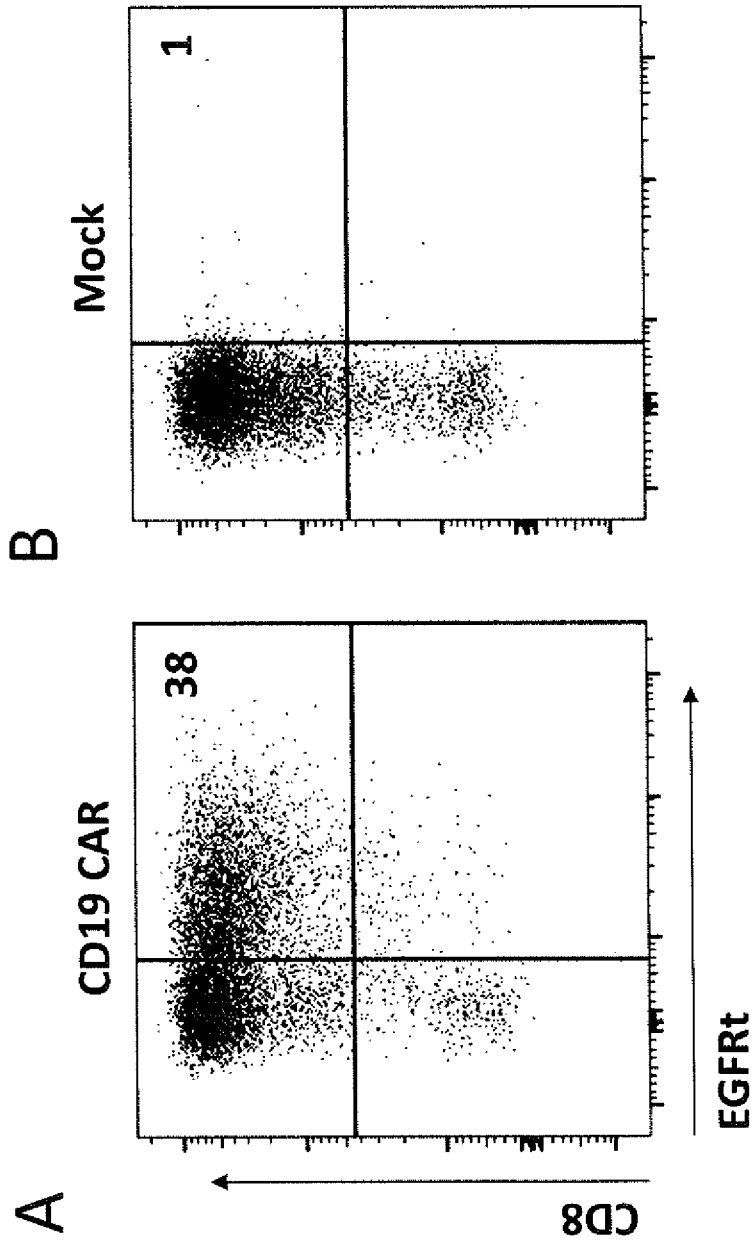
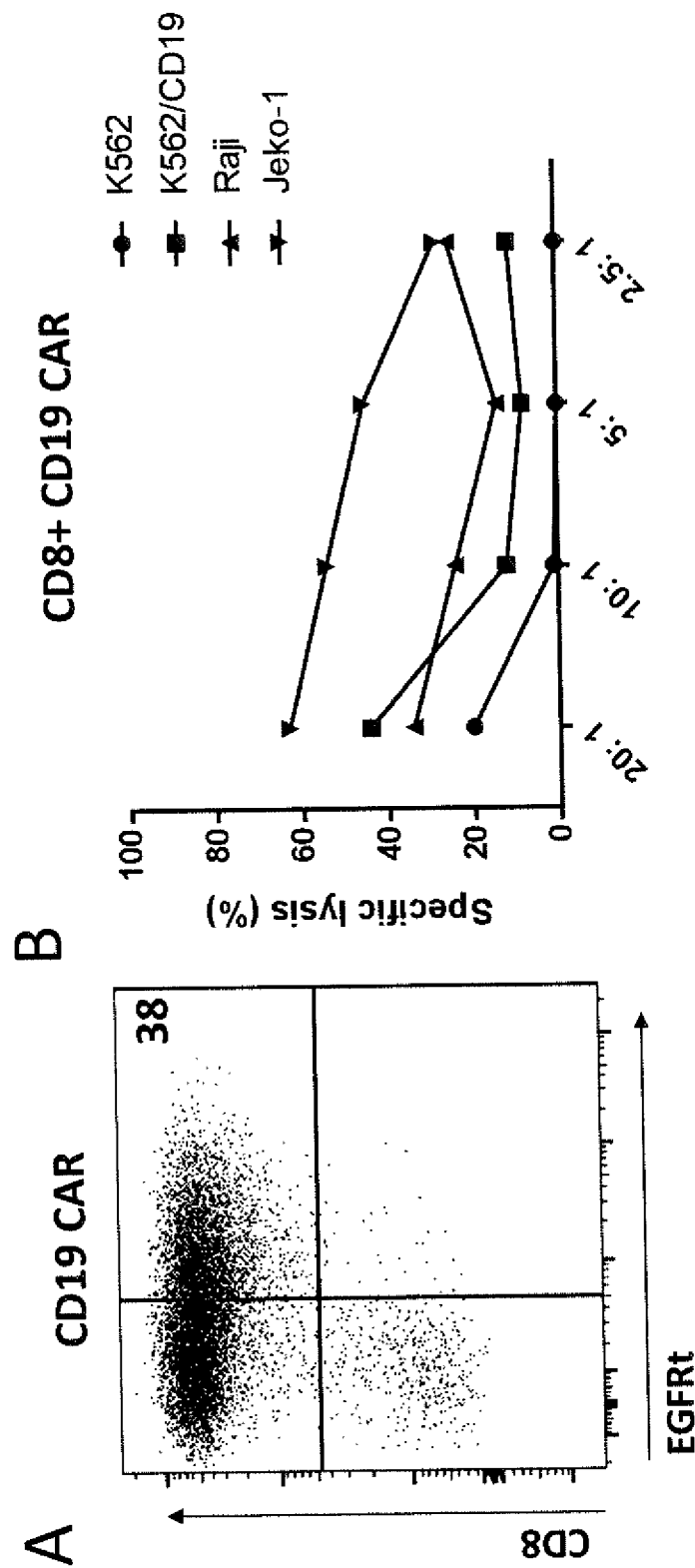


Figure 15



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Figure 16

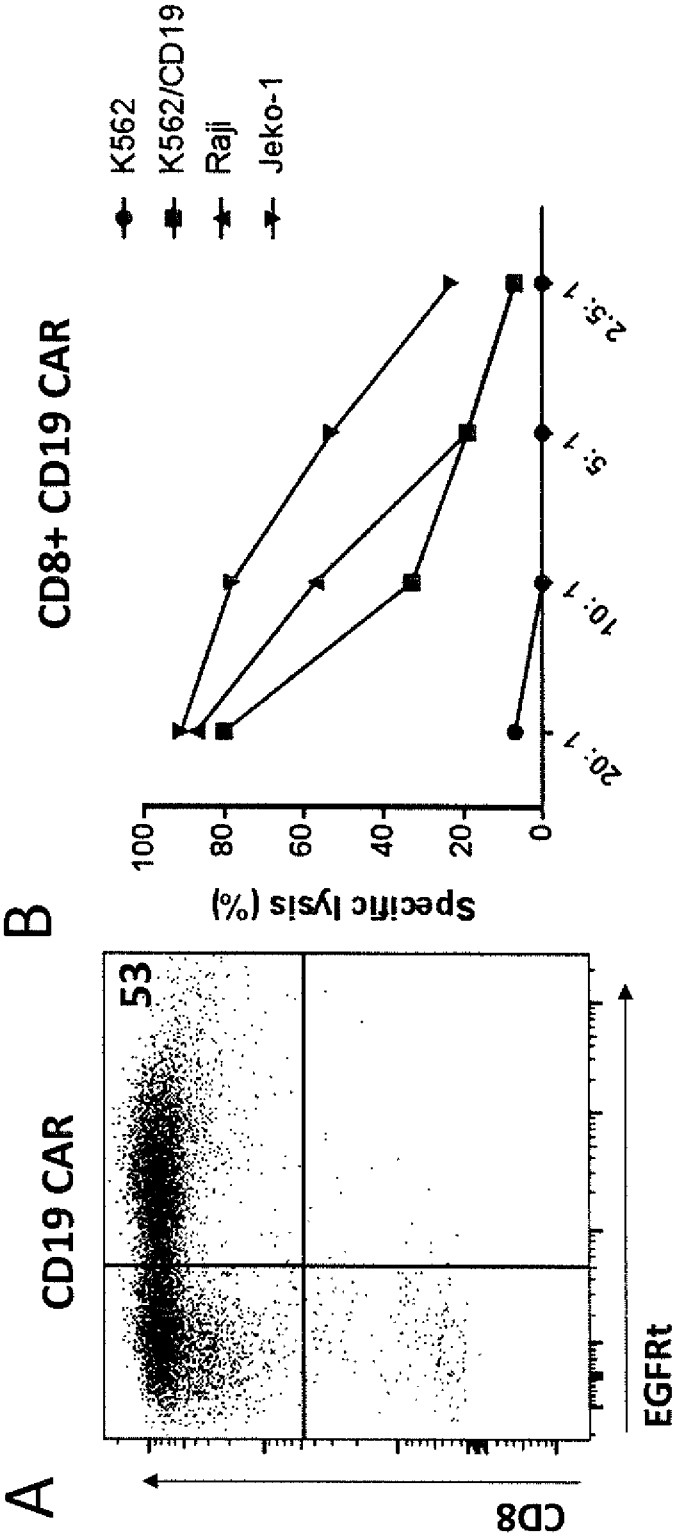


Figure 17

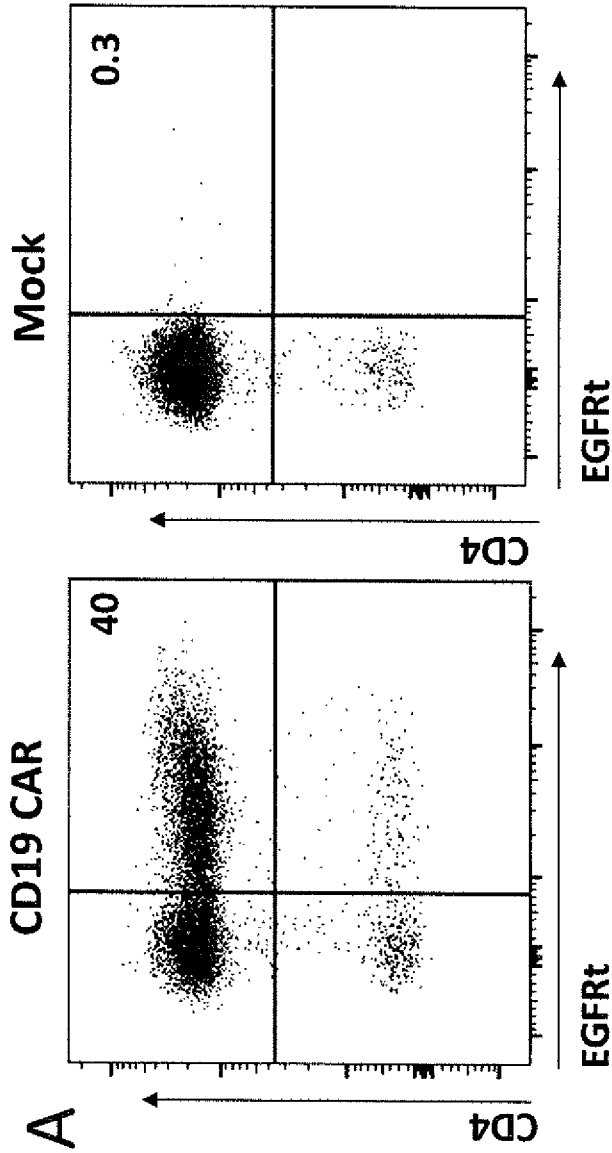


Figure 17, continued

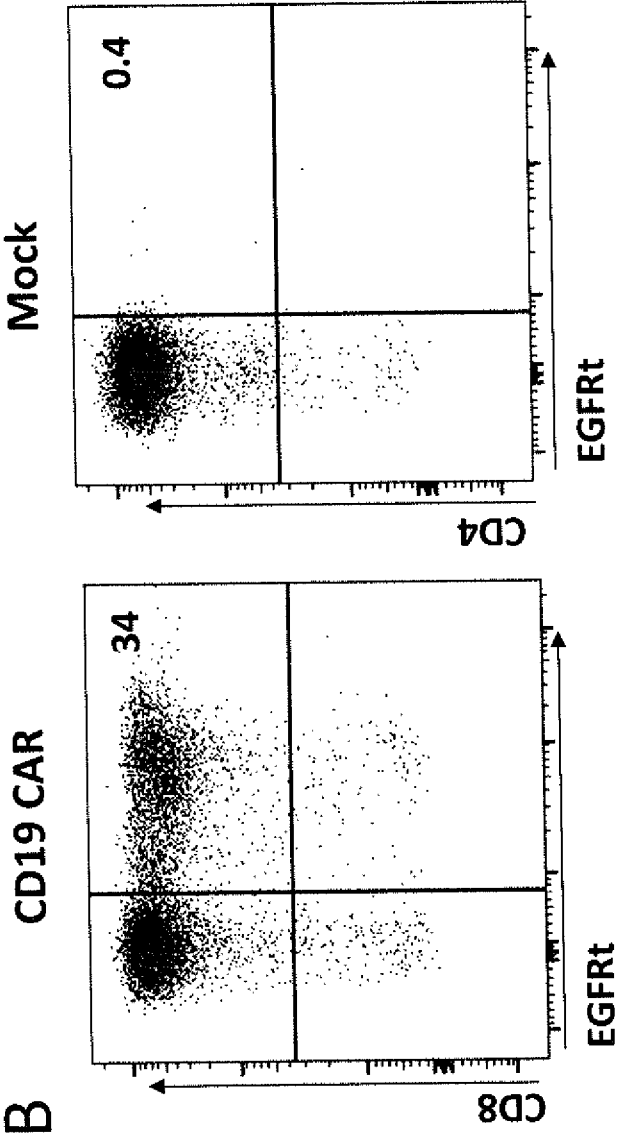


Figure 17, continued

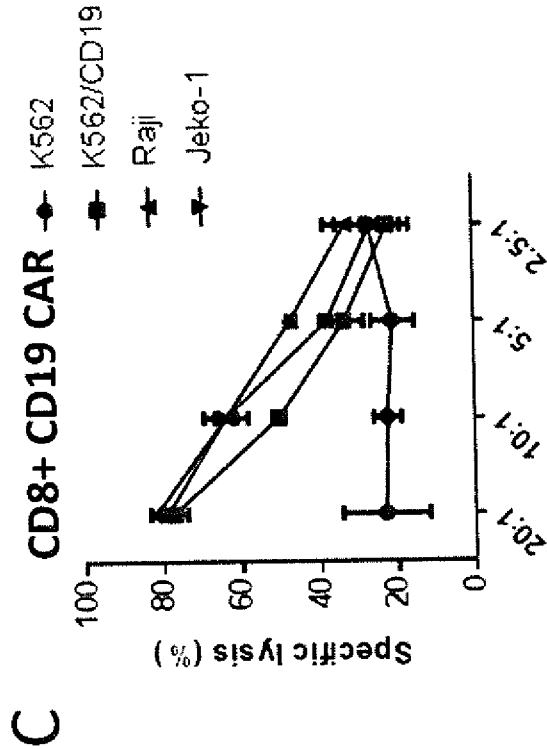


Figure 18

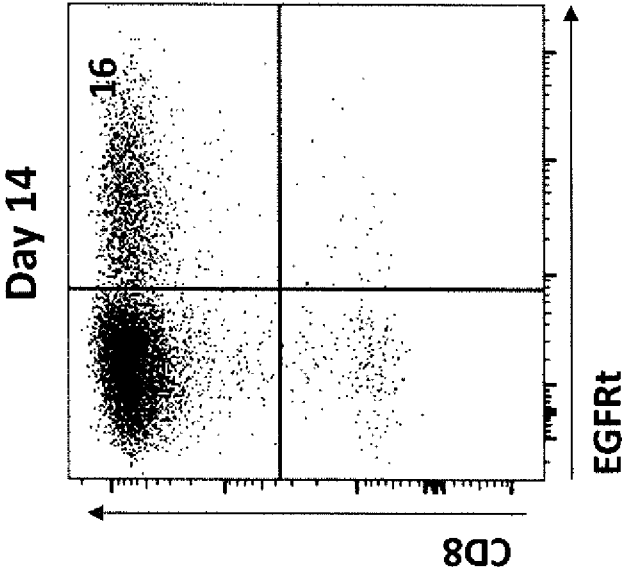


Figure 19

A

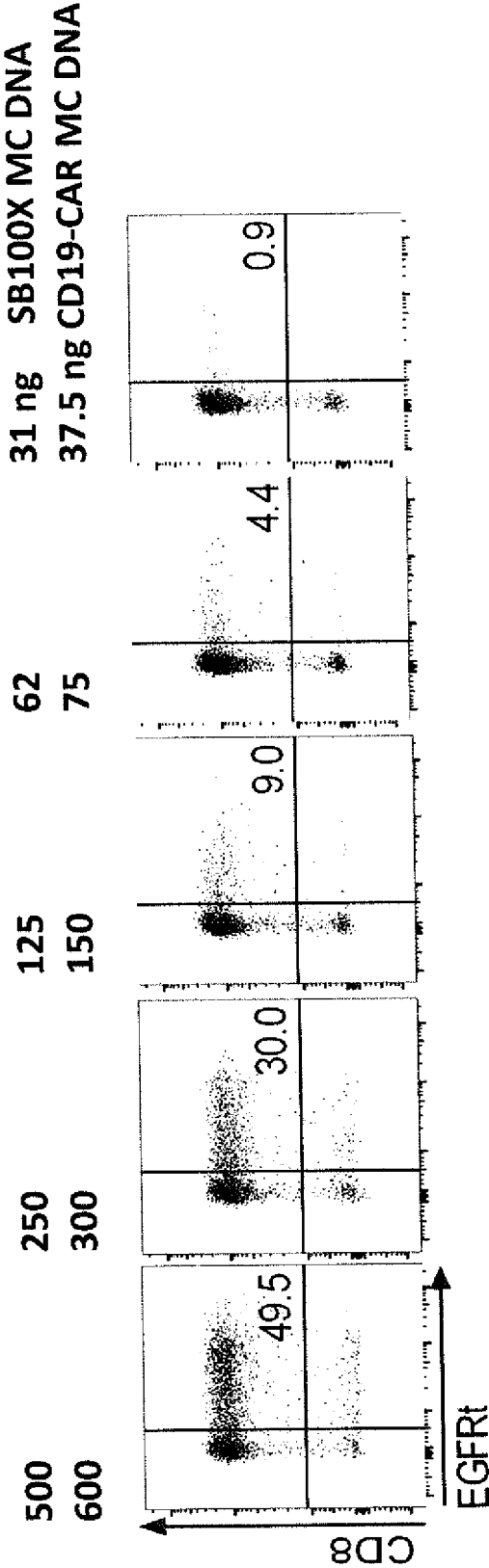


Figure 19, continued

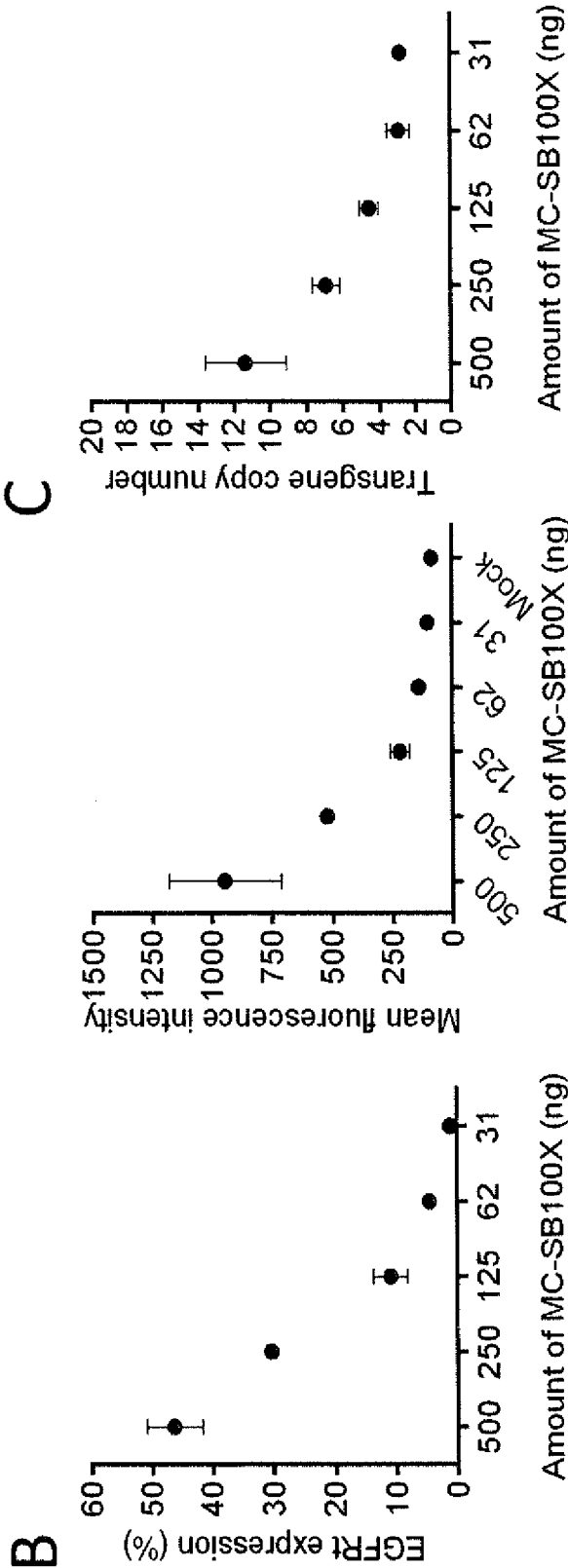


Figure 20

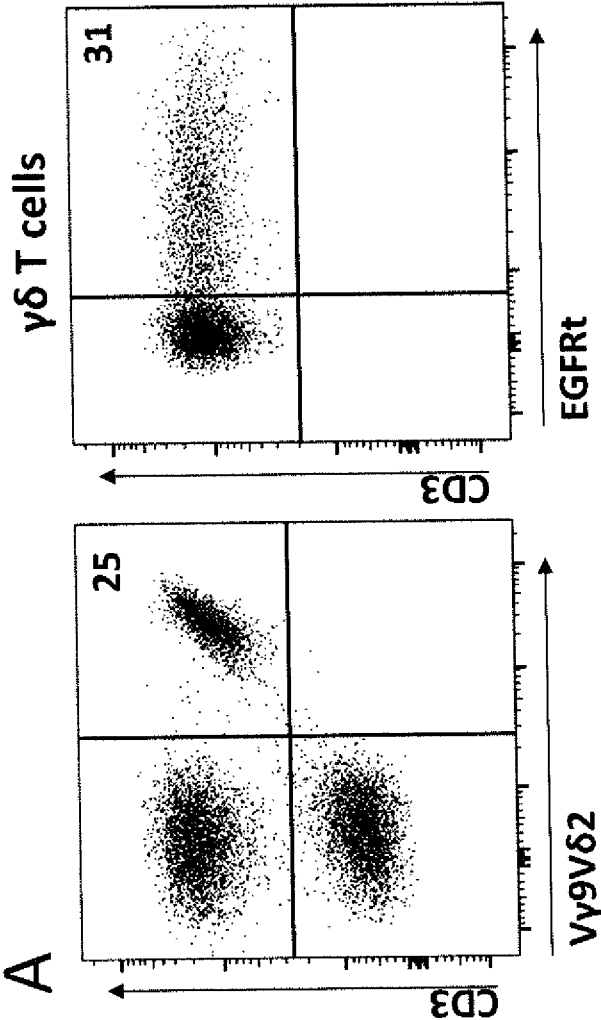
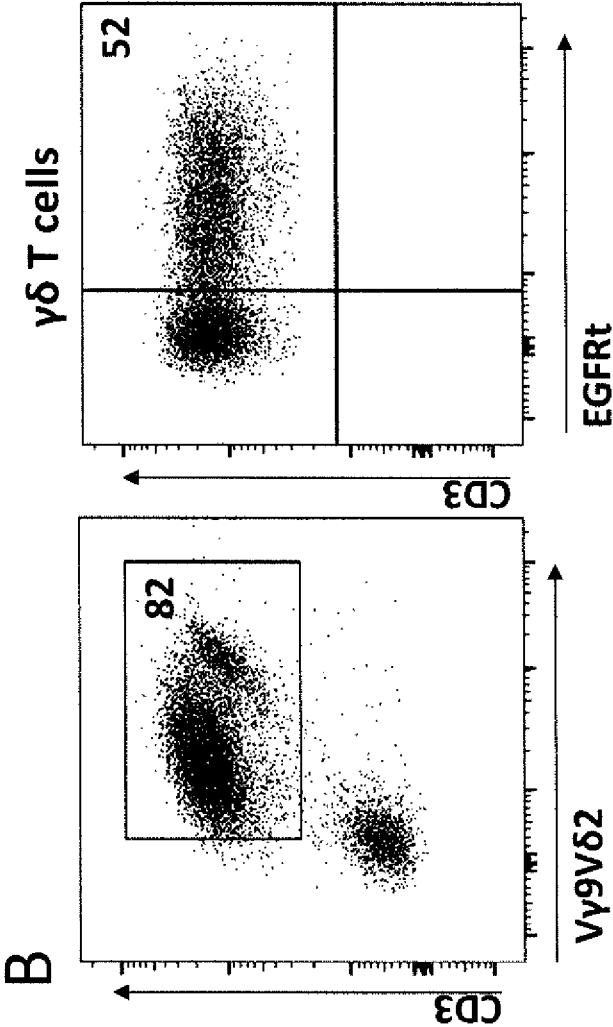


Figure 20, continued



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Figure 20, continued

