

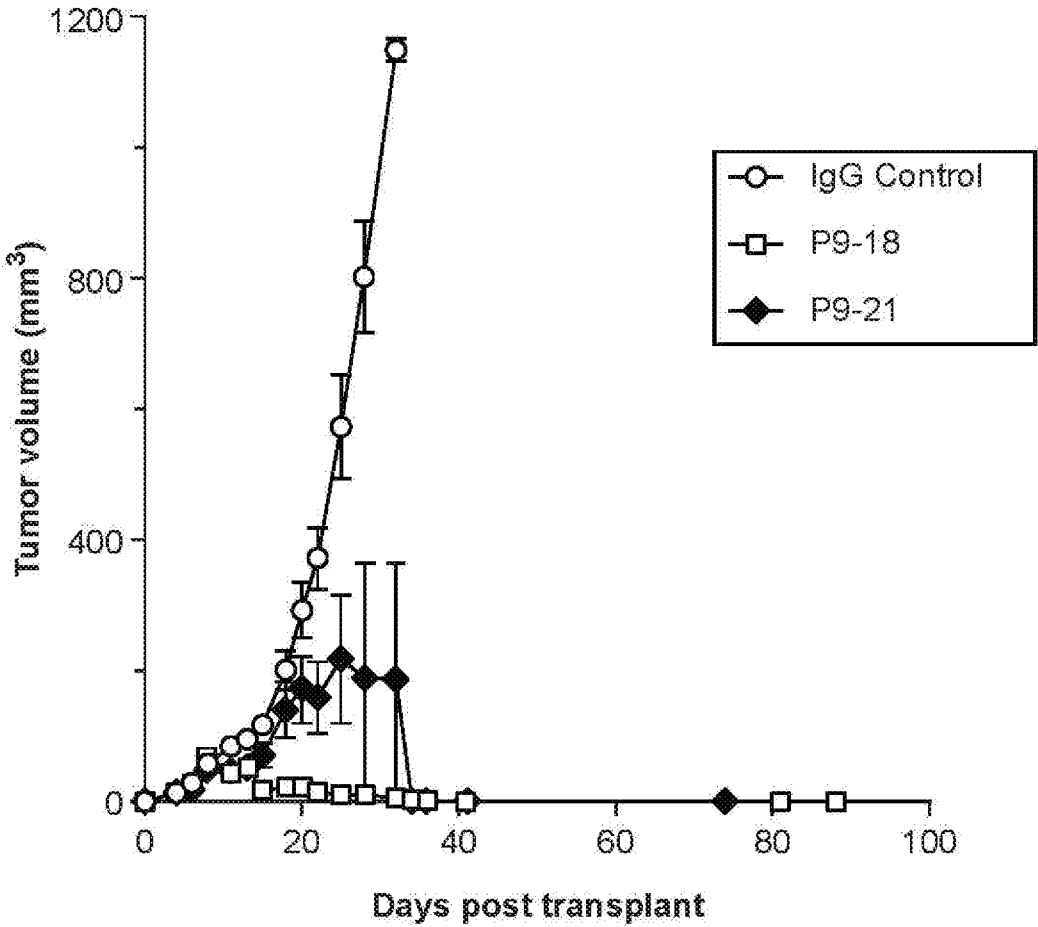


FIG. 1

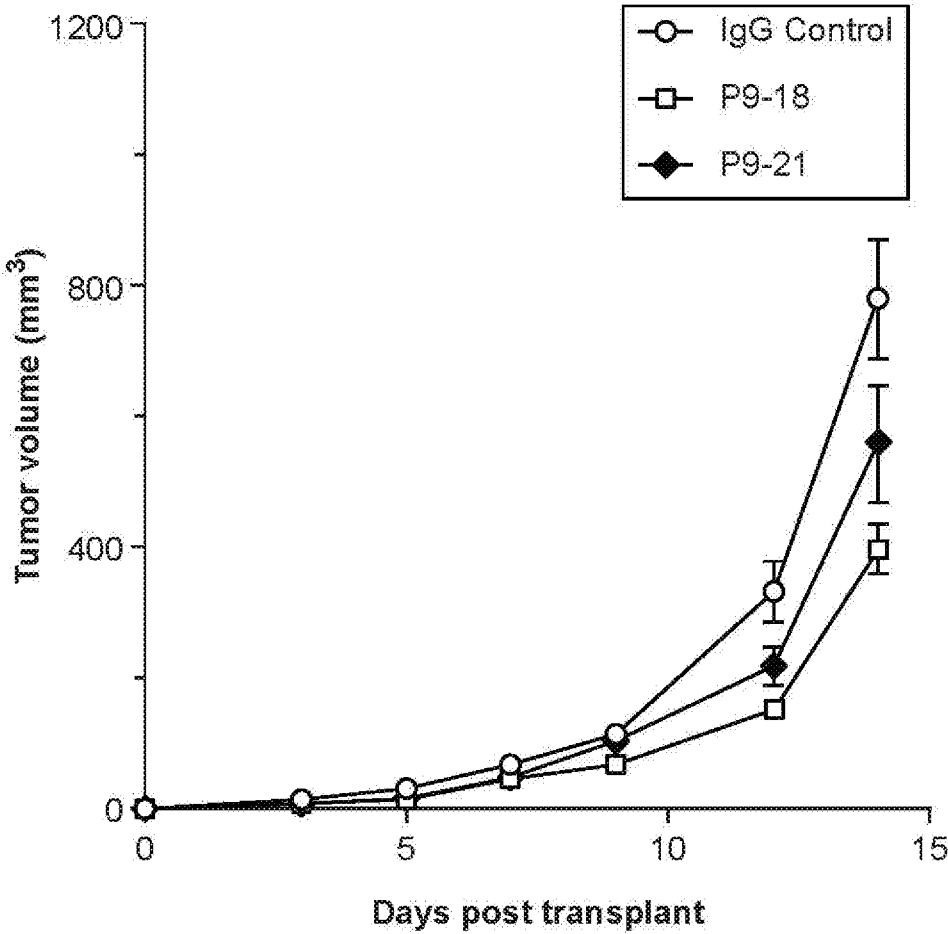


FIG. 2

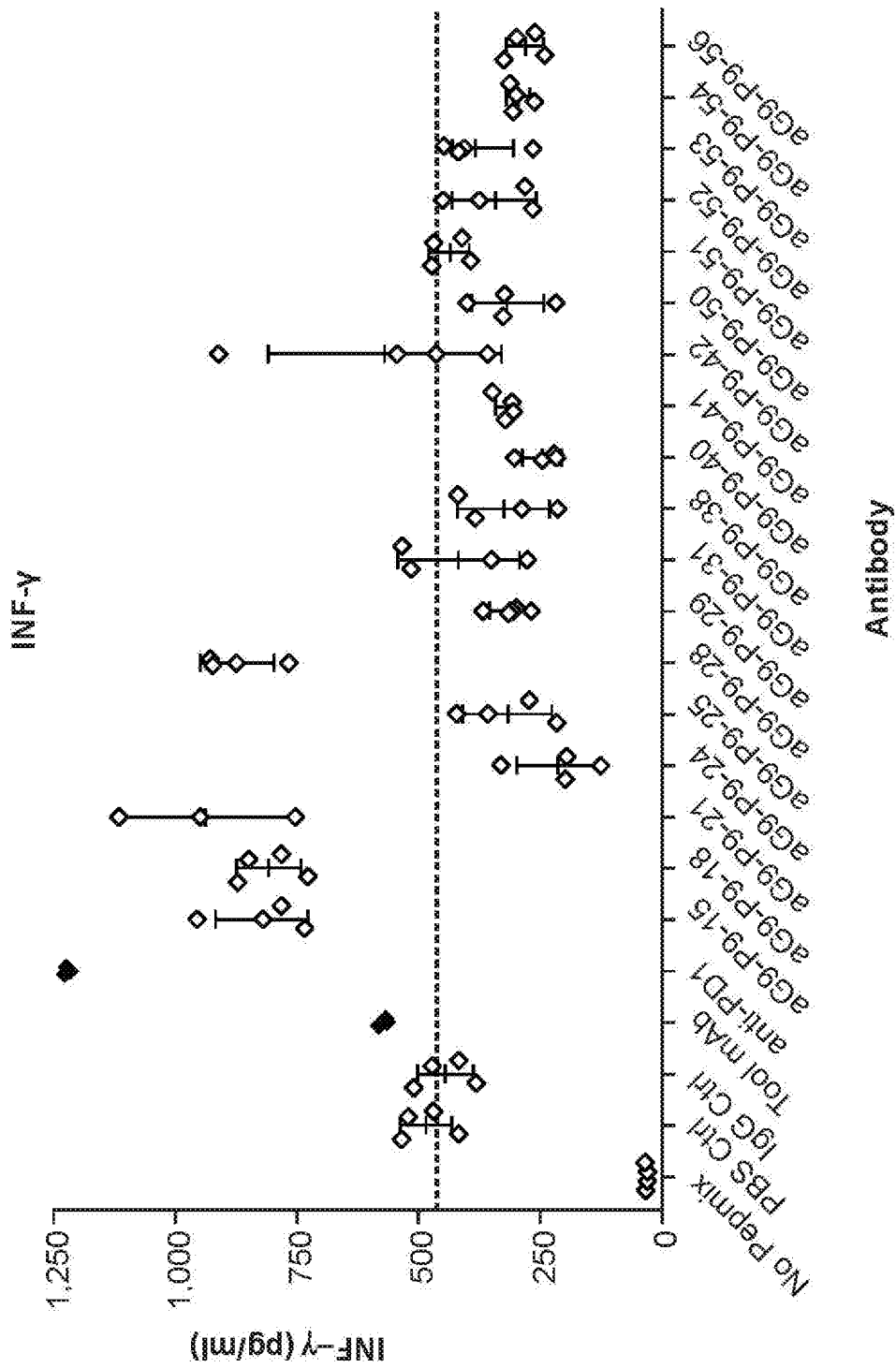


FIG. 3A

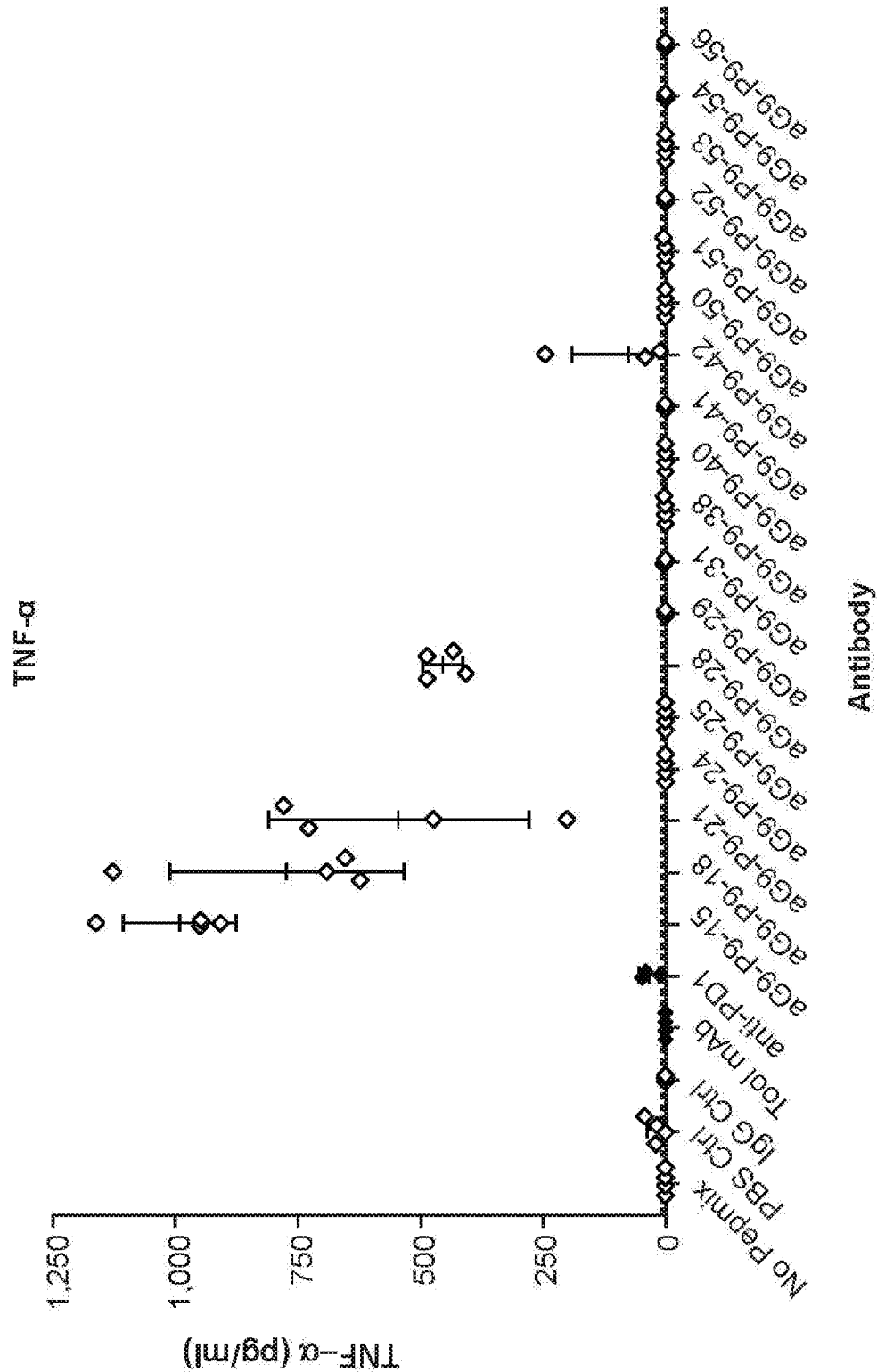


FIG. 3B

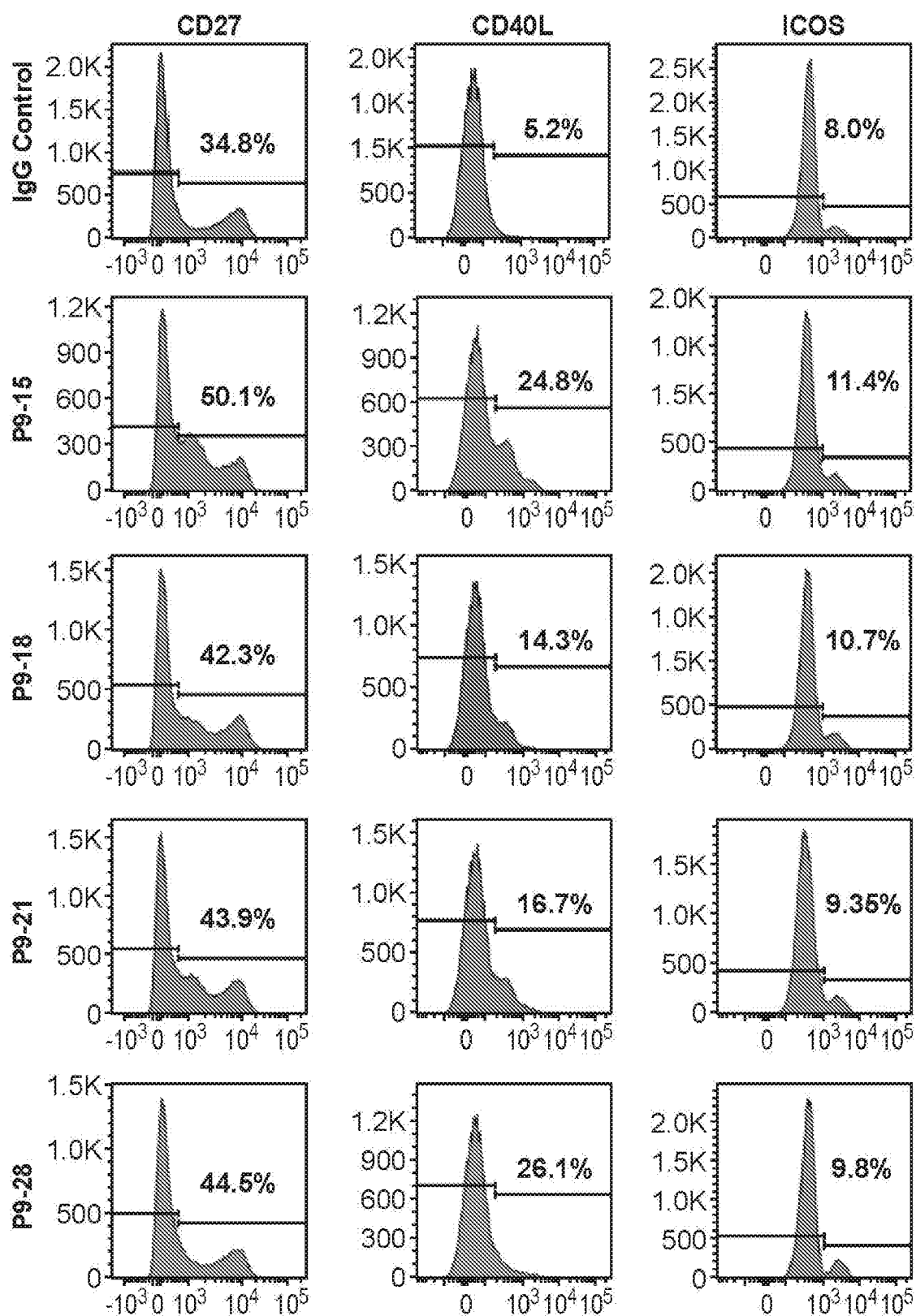


FIG. 4

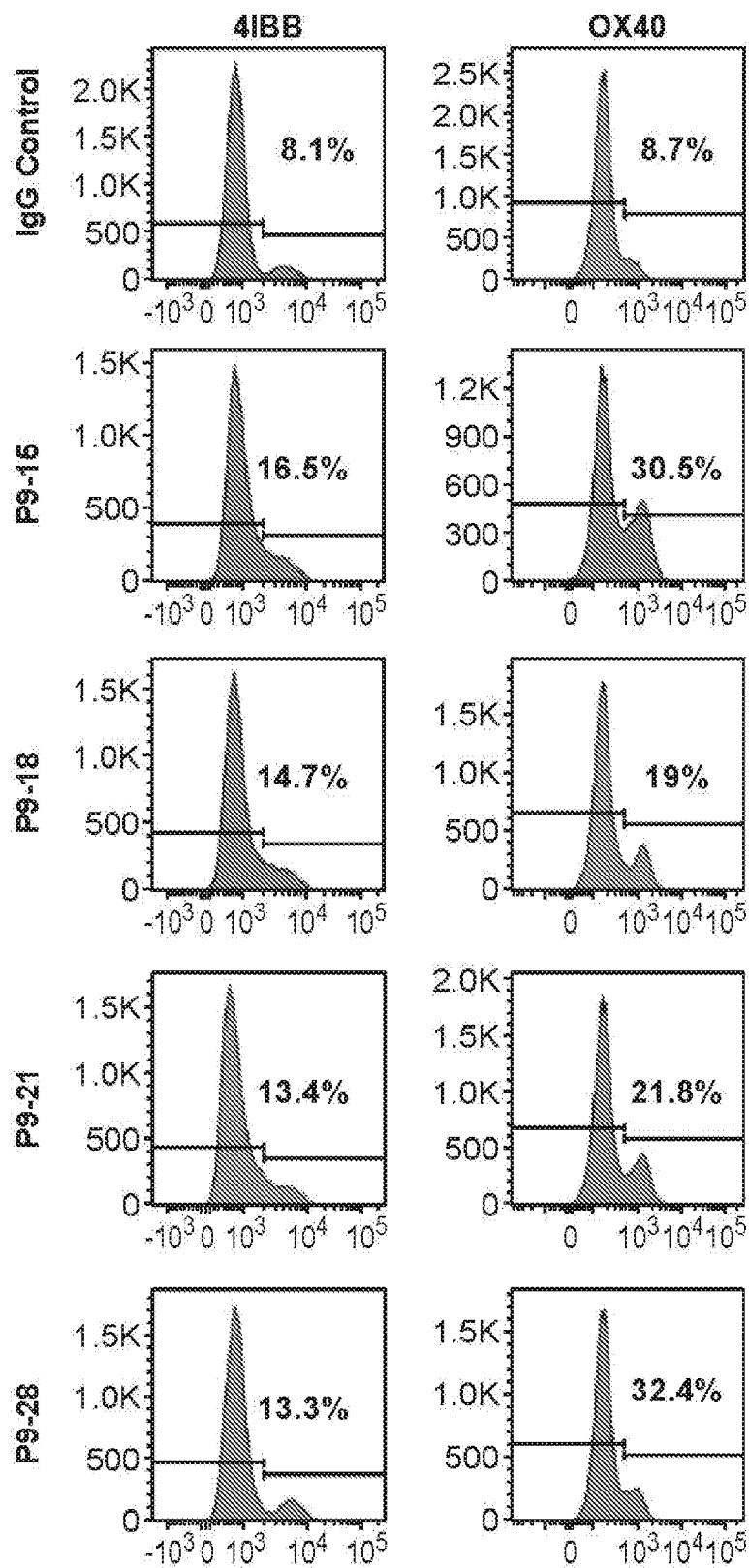


FIG. 4 (Cont.)

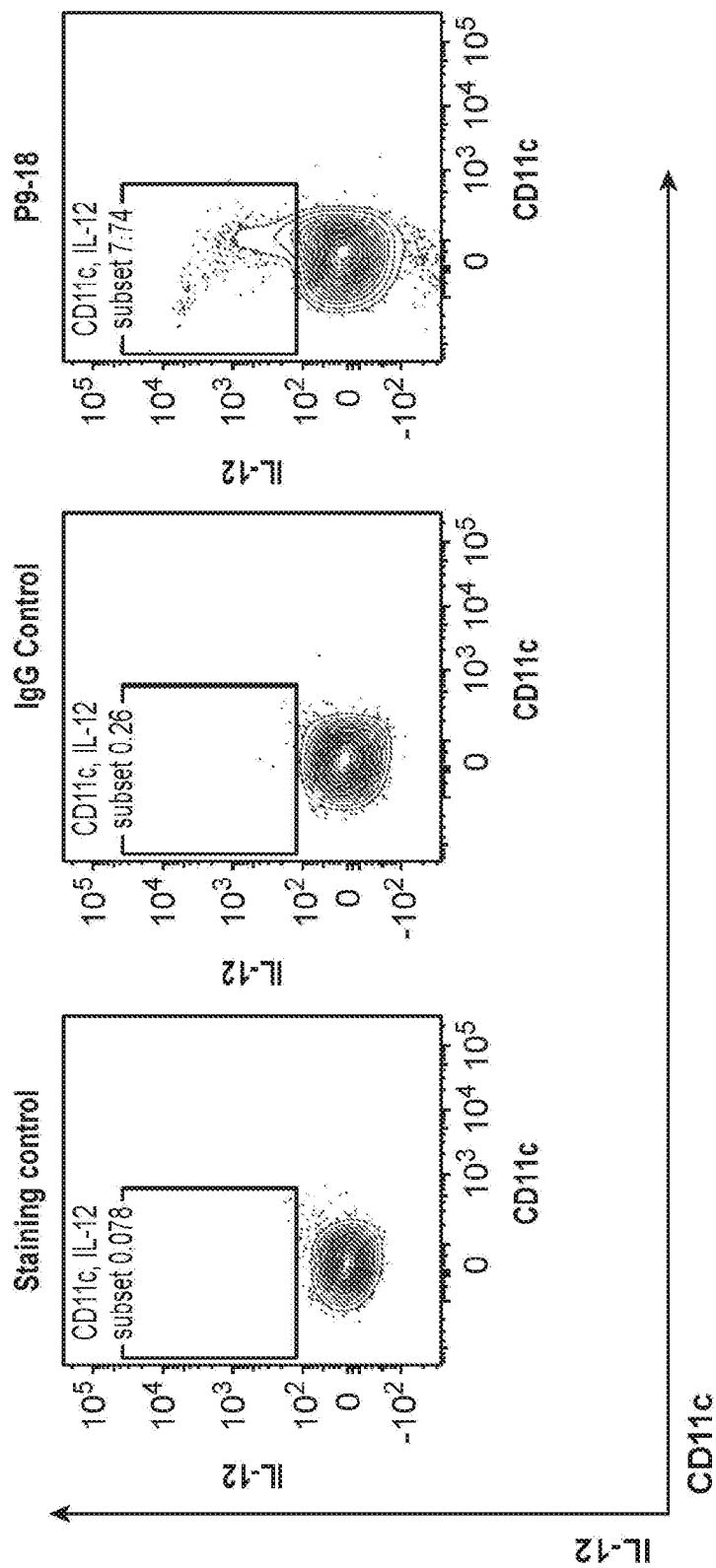


FIG. 5

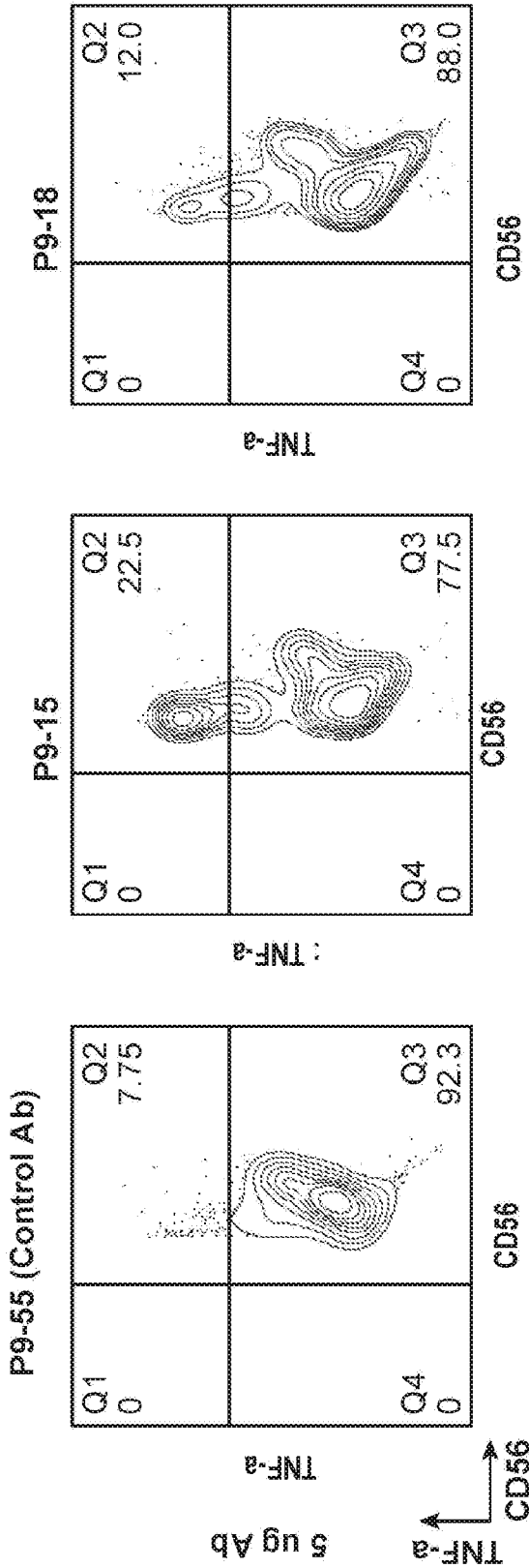
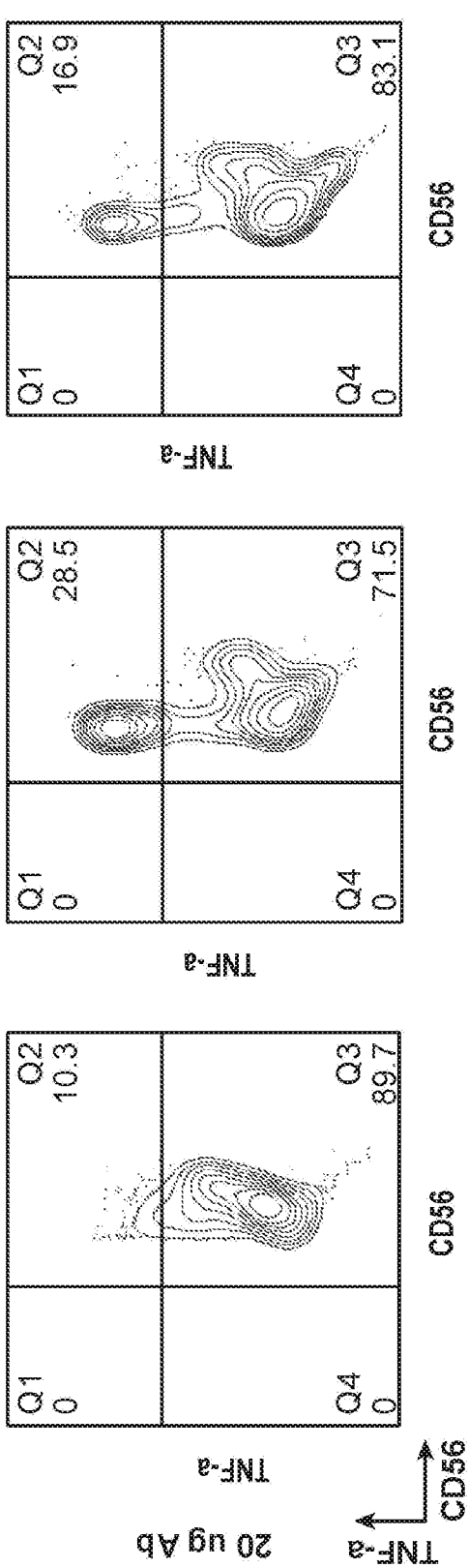


FIG. 6A



P9-28 IgG Heavy Chain – Martin Numbering / Chothia CDRs

	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	L	S	C	A	A	S	G	F	T	F	G	F	Y	Y	I
Martin	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34
Frequency	39%	85%	79%	95%	33%	57%	84%	95%	40%	52%	71%	71%	31%	95%	79%	31%	79%	63%	35%	73%	74%	100%	36%	63%	94%	92%	45%	56%	70%	3%	<1%	73%	22%	19%
Chothia	HFR1																												CDR-H1				HFR2	

	H	W	V	R	Q	A	P	G	K	G	L	E	W	V	A	F	I	D	P	H	G	G	S	T	Y	Y	A	D	S	V	K	G	R	F
Martin	H35	H36	H37	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65	H66	H67
Frequency	31%	100%	75%	81%	97%	50%	92%	91%	63%	86%	96%	96%	94%	36%	20%	2%	85%	13%	42%	4%	35%	60%	27%	64%	32%	93%	45%	32%	55%	39%	71%	62%	76%	41%
Chothia	HFR2														CDR-H2														HFR3					

	T	I	S	A	D	T	S	K	N	T	A	Y	L	Q	M	N	S	L	R	A	E	D	T	A	V	Y	Y	C	A	R	L	S	Y	P
Martin	H68	H69	H70	H71	H72	H72A	H72B	H72C	H73	H74	H75	H76	H77	H78	H79	H80	H81	H82	H83	H84	H85	H86	H87	H88	H89	H90	H91	H92	H93	H94	H95	H96	H97	H98
Frequency	85%	65%	59%	12%	93%	32%	71%	50%	53%	63%	34%	67%	69%	58%	42%	39%	83%	80%	39%	38%	67%	99%	78%	97%	68%	99%	86%	100%	85%	68%	4%	7%	17%	3%
Chothia	HFR3																												CDR-H3					

	G	V	L	D	Y	W	G	Q	G	T	L	V	T	V	S	S
Martin	H99	H100	H100A	H101	H102	H103	H104	H105	H106	H107	H108	H109	H110	H111	H112	H113
Frequency	16%	5%	5%	77%	49%	90%	99%	78%	100%	89%	48%	83%	91%	97%	95%	89%
Chothia	CDR-H3							HFR4								

FIG. 7A

P9-28 IgG Light Chain - Martin Numbering / Chothia CDRs

	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	A	S	Q	S	V	S	S	A	V	A
Martin	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34
Frequency	36%	45%	15%	34%	94%	98%	78%	89%	28%	70%	50%	80%	39%	66%	21%	98%	24%	43%	63%	71%	71%	41%	99%	40%	43%	79%	47%	60%	24%	29%	24%	3%	29%	29%
Chothia	LFR1																	CDR-L1																

	W	Y	Q	Q	K	P	G	K	A	P	K	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R	S	G
Martin	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68
Frequency	100%	88%	89%	90%	67%	87%	92%	23%	57%	95%	57%	75%	78%	89%	85%	7%	40%	67%	15%	32%	2%	75%	95%	64%	93%	26%	99%	99%	89%	97%	96%	3%	92%	93%
Chothia	LFR2																	CDR-L2																

★																																				
	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	G	Y	S	T	L	V	T	F	G	Q	G	T		
Martin	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102		
Frequency	71%	43%	50%	66%	96%	71%	97%	71%	34%	59%	60%	28%	78%	99%	26%	85%	26%	99%	85%	100%	52%	50%	8%	17%	43%	11%	17%	7%	54%	99%	99%	22%	99%	98%		
Chothia	LFR3																	CDR-L3																	LFR4	

	K	V	E	I	K	R	T	V
Martin	L103	L104	L105	L106	L107	L108	L109	L110
Frequency	80%	38%	51%	48%	69%	60%	24%	52%
Chothia	LFR4							

FIG. 7A (Cont.)

P9-28 IgG Heavy Chain -- Martin Numbering / Kabat CDRs

	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	L	S	C	A	A	S	G	F	T	F	G	F	Y	Y	I		
Martin	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34		
Frequency	39%	85%	79%	95%	38%	57%	24%	95%	40%	52%	71%	71%	31%	95%	79%	31%	79%	63%	35%	73%	74%	100%	36%	63%	94%	92%	45%	56%	70%	3%	<1%	73%	22%	19%		
Kabat	HFR1																																CDR-H1			

↑

	H	W	V	R	Q	A	P	G	K	G	L	E	W	V	A	F	I	D	P	H	G	G	S	T	Y	Y	A	D	S	V	K	G	R	F
Martin	H35	H36	H37	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65	H66	H67
Frequency	31%	100%	75%	81%	97%	50%	92%	91%	63%	86%	96%	96%	94%	36%	20%	2%	85%	13%	42%	4%	35%	60%	27%	64%	32%	93%	45%	32%	55%	39%	71%	62%	76%	41%
Kabat	HFR2																CDR-H2																HFR3	

⊖ ⊕

CDR-H1

	T	I	S	A	D	T	S	K	N	T	A	Y	L	Q	M	N	S	L	R	A	E	D	T	A	V	Y	Y	C	A	R	L	S	Y	P
Martin	H68	H69	H70	H71	H72	H72A	H72B	H72C	H73	H74	H75	H76	H77	H78	H79	H80	H81	H82	H83	H84	H85	H86	H87	H88	H89	H90	H91	H92	H93	H94	H95	H96	H97	H98
Frequency	85%	65%	59%	12%	93%	32%	71%	50%	53%	63%	34%	67%	69%	58%	42%	39%	83%	80%	39%	38%	67%	99%	78%	97%	68%	99%	86%	100%	85%	68%	4%	7%	17%	3%
Kabat	HFR3																CDR-H3																CDR-H3	

⊖ ⊕

	G	V	L	D	Y	W	G	Q	G	T	L	V	T	V	S	S
Martin	H99	H100	H100A	H101	H102	H103	H104	H105	H106	H107	H108	H109	H110	H111	H112	H113
Frequency	16%	5%	5%	77%	49%	99%	99%	78%	100%	89%	48%	83%	91%	97%	85%	89%
Kabat	CDR-H3								HFR4							

FIG. 7B

P9-28 IgG Light Chain - Martin Numbering / Kabat CDRs

	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	A	S	Q	S	V	S	S	A	V	A
Martin	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34
Frequency	36%	45%	15%	34%	94%	98%	78%	89%	28%	70%	50%	80%	39%	66%	21%	98%	24%	43%	63%	71%	71%	41%	99%	40%	43%	79%	47%	60%	24%	29%	3%	29%	29%	
Kabat	LFR1														CDR-L1																			
	★																																	
	W	Y	Q	Q	K	P	G	K	A	P	K	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R	S	G
Martin	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68
Frequency	100%	86%	88%	90%	67%	87%	92%	23%	57%	95%	57%	75%	76%	89%	85%	7%	40%	67%	15%	32%	2%	75%	95%	64%	93%	26%	99%	99%	89%	97%	96%	3%	92%	93%
Kabat	LFR2														CDR-L2														LFR3					
	★																																	
	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	G	Y	S	T	L	V	T	F	G	Q	G	T
Martin	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102
Frequency	71%	43%	50%	66%	96%	71%	97%	71%	34%	59%	60%	28%	78%	99%	26%	85%	26%	99%	85%	100%	52%	50%	8%	17%	43%	11%	17%	7%	54%	99%	22%	99%	98%	
Kabat	LFR3														CDR-L3														LFR4					
	★																																	

	K	V	E	I	K	R	T	V
Martin	L103	L104	L105	L106	L107	L108	L109	L110
Frequency	80%	38%	51%	48%	69%	60%	24%	52%
Kabat	LFR4							

FIG. 7B (Cont.)

P9-28 IgG Heavy Chain – Martin Numbering / AbM CDRs

	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	L	S	C	A	A	S	G	F	T	F	G	F	Y	Y	I
Martin	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34
Frequency	39%	85%	79%	95%	38%	57%	84%	95%	40%	52%	71%	71%	31%	95%	79%	31%	79%	63%	35%	73%	74%	100%	36%	63%	94%	92%	45%	56%	70%	3%	<1%	73%	22%	19%
AbM	HFR1																CDR-H1																	
	↗																↑																	
	H	W	V	R	Q	A	P	G	K	G	L	E	W	V	A	F	I	D	P	H	G	G	S	T	Y	Y	A	D	S	V	K	G	R	F
Martin	H35	H36	H37	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65	H66	H67
Frequency	31%	100%	75%	81%	97%	50%	92%	91%	63%	88%	96%	96%	94%	36%	20%	2%	85%	13%	42%	4%	35%	60%	27%	64%	32%	93%	45%	32%	55%	39%	71%	62%	76%	41%
AbM	HFR2								CDR-H2								HFR3																	
	↘																↖																	
	T	I	S	A	D	T	S	K	N	T	A	Y	L	Q	M	N	S	L	R	A	E	D	T	A	V	Y	Y	C	A	R	L	S	Y	P
Martin	H68	H69	H70	H71	H72	H72A	H72B	H72C	H73	H74	H75	H76	H77	H78	H79	H80	H81	H82	H83	H84	H85	H86	H87	H88	H89	H90	H91	H92	H93	H94	H95	H96	H97	H98
Frequency	85%	65%	59%	12%	93%	32%	71%	50%	53%	63%	34%	67%	69%	59%	42%	39%	83%	80%	39%	38%	67%	99%	78%	97%	68%	99%	86%	100%	85%	68%	4%	7%	17%	3%
AbM	HFR3																CDR-H3																	
	↗																↖																	
	G	V	L	D	Y	W	G	Q	G	T	L	V	T	V	S	S	HFR4																	
Martin	H99	H100	H100A	H101	H102	H103	H104	H105	H106	H107	H108	H109	H110	H111	H112	H113																		
Frequency	16%	5%	5%	77%	49%	99%	99%	78%	100%	83%	48%	83%	91%	97%	95%	89%																		
AbM	CDR-H3																HFR4																	

FIG. 7C

P9-28 IgG Light Chain - Martin Numbering / AbM CDRs

	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	A	S	Q	S	V	S	S	A	V	A
Martin	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34
Frequency	36%	45%	15%	34%	94%	98%	78%	89%	28%	70%	50%	80%	39%	66%	21%	88%	24%	43%	63%	71%	41%	99%	40%	43%	79%	47%	60%	24%	28%	24%	3%	29%	29%	
AbM	LFR1																CDR-L1																	

G										H										I										J									
	W	Y	Q	Q	K	P	G	K	A	P	K	L	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R	S	G				
Martin	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68					
Frequency	100%	86%	89%	90%	67%	87%	92%	23%	57%	95%	57%	75%	76%	89%	85%	7%	40%	67%	15%	32%	2%	75%	95%	64%	93%	90%	99%	89%	97%	96%	3%	92%	93%						
AbM	LFR2										CDR-L2										LFR3																		

☆																																									
	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	G	Y	S	T	L	V	T	F	G	Q	G	T							
Martin	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102							
Frequency	71%	43%	50%	66%	90%	71%	97%	71%	34%	59%	60%	28%	78%	99%	20%	85%	26%	99%	85%	100%	52%	50%	8%	17%	43%	11%	17%	7%	54%	99%	98%	22%	99%	98%							
AbM	LFR3																CDR-L3																LFR4								
☆																																									

	K	V	E	I	K	R	T	V
Martin	L103	L104	L105	L106	L107	L108	L109	L110
Frequency	80%	38%	51%	48%	69%	60%	24%	52%
AbM	LFR4							

FIG. 7C (Cont.)

P9-28 IgG Heavy Chain – Martin Numbering / Contact CDRs

	CDR-H1																			CDR-H1
	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	
Martin	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H34
Frequency	39%	85%	79%	95%	30%	57%	84%	95%	40%	52%	71%	71%	31%	95%	79%	31%	79%	63%	35%	19%
Contact	CDR-H1																			CDR-H1

	CDR-H2																			CDR-H2
	H	W	V	R	Q	A	P	G	K	G	L	E	W	V	A	F	I	D	P	
Martin	H35	H36	H37	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H57
Frequency	31%	100%	75%	81%	97%	50%	92%	91%	63%	88%	96%	96%	94%	35%	20%	2%	85%	13%	42%	41%
Contact	CDR-H2																			CDR-H2

	CDR-H3																			CDR-H3
	T	I	S	A	D	T	S	K	N	T	A	Y	L	Q	M	N	S	L	R	
Martin	H63	H69	H70	H71	H72	H73	H74	H75	H76	H77	H78	H79	H80	H81	H82	H83	H84	H85	H86	H87
Frequency	85%	65%	59%	12%	93%	32%	71%	50%	53%	63%	34%	67%	69%	58%	42%	39%	83%	80%	39%	3%
Contact	CDR-H3																			CDR-H3

	CDR-H4																			CDR-H4
	G	V	L	D	Y	W	G	Q	G	T	L	V	T	V	S	S	S	S	S	
Martin	H99	H100	H101	H102	H103	H104	H105	H106	H107	H108	H109	H110	H111	H112	H113	H114	H115	H116	H117	H118
Frequency	16%	5%	5%	77%	40%	99%	99%	78%	100%	83%	48%	83%	91%	97%	95%	95%	95%	95%	95%	95%
Contact	CDR-H4																			CDR-H4

FIG. 7D

P9-28 IgG Light Chain – Martin Numbering / Contact CDRs

	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	A	S	Q	S	V	S	S	A	V	A		
Martin	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34		
Frequency	36%	45%	15%	34%	94%	98%	78%	89%	28%	70%	50%	80%	39%	86%	21%	98%	24%	43%	63%	71%	71%	41%	99%	40%	43%	79%	47%	60%	24%	29%	24%	3%	29%	29%		
Contact	LFR1																												CDR-L1							

	W	Y	Q	Q	K	P	G	K	A	P	K	L	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R	S	G
Martin	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68	
Frequency	100%	86%	89%	90%	67%	87%	92%	23%	57%	95%	57%	75%	76%	89%	85%	7%	40%	67%	15%	32%	2%	75%	95%	64%	93%	26%	98%	99%	89%	97%	96%	3%	92%	93%	
Contact	LFR2														CDR-L2												LFR3								

	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	G	Y	S	T	L	V	T	F	G	Q	G	T
Martin	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102
Frequency	71%	43%	50%	66%	96%	71%	97%	71%	34%	59%	60%	26%	78%	99%	26%	85%	26%	99%	85%	100%	52%	50%	8%	17%	43%	11%	17%	7%	54%	99%	99%	22%	99%	98%
Contact	LFR3														CDR-L3												LFR4							

	K	V	E	I	K	R	T	V
Martin	L103	L104	L105	L106	L107	L108	L109	L110
Frequency	80%	36%	51%	48%	69%	80%	24%	52%
Contact	LFR4							

FIG. 7D (Cont.)

P9-28 IgG Heavy Chain – Martin Numbering / IMGT CDRs

	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	L	S	C	A	A	S	G	F	T	F	G	F	Y	Y	I
Martin	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34
Sequency	39%	85%	79%	95%	38%	57%	84%	95%	40%	52%	71%	71%	31%	95%	79%	31%	79%	63%	35%	73%	74%	100%	36%	63%	94%	92%	45%	56%	70%	3%	<1%	73%	22%	19%
IMGT	HFR1																CDR-H1																HFR2	



	H	W	V	R	Q	A	P	G	K	G	L	E	W	V	A	F	I	D	P	H	G	G	S	T	Y	Y	A	D	S	V	K	G	R	F
Martin	H35	H36	H37	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65	H66	H67
Sequency	31%	100%	75%	81%	97%	50%	92%	91%	63%	86%	96%	96%	94%	36%	20%	2%	85%	13%	42%	4%	35%	60%	27%	64%	32%	93%	45%	32%	55%	39%	71%	62%	76%	41%
IMGT	HFR2																CDR-H2																HFR3	



	T	I	S	A	D	T	S	K	N	T	A	Y	L	Q	M	N	S	L	R	A	E	D	T	A	V	Y	Y	C	A	R	L	S	Y	P
Martin	H68	H69	H70	H71	H72	H72A	H72B	H72C	H73	H74	H75	H76	H77	H78	H79	H80	H81	H82	H83	H84	H85	H86	H87	H88	H89	H90	H91	H92	H93	H94	H95	H96	H97	H98
Sequency	85%	65%	59%	12%	93%	32%	71%	50%	53%	63%	34%	67%	69%	58%	42%	39%	83%	80%	39%	38%	67%	99%	78%	97%	68%	99%	86%	100%	85%	68%	4%	7%	17%	3%
IMGT	HFR3																CDR-H3																	



	G	V	L	D	Y	W	G	Q	G	T	L	V	T	V	S	S
Martin	H99	H100	H100A	H101	H102	H103	H104	H105	H106	H107	H108	H109	H110	H111	H112	H113
Sequency	16%	5%	5%	77%	49%	99%	99%	78%	100%	89%	48%	83%	91%	97%	95%	89%
IMGT	CDR-H3								HFR4							

FIG. 7E

P9-28 IgG Light Chain – Martin Numbering / IMGT CDRs

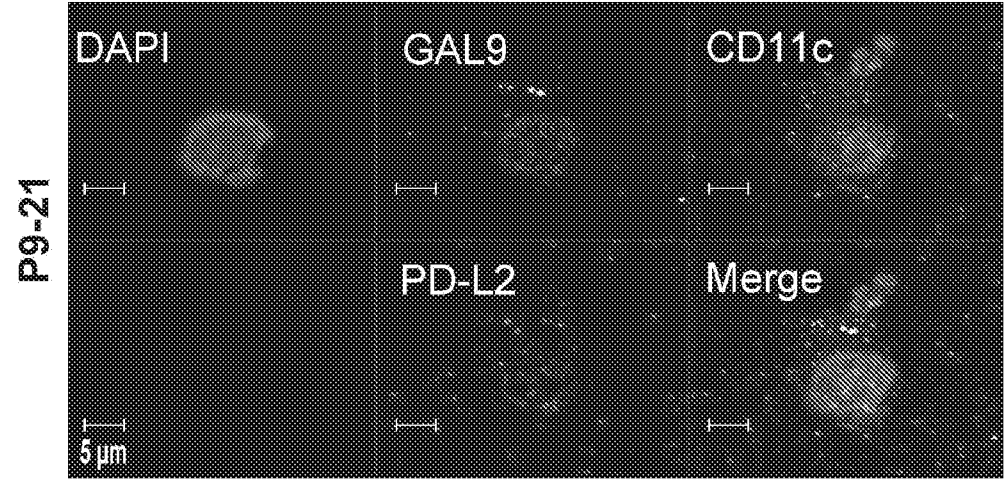
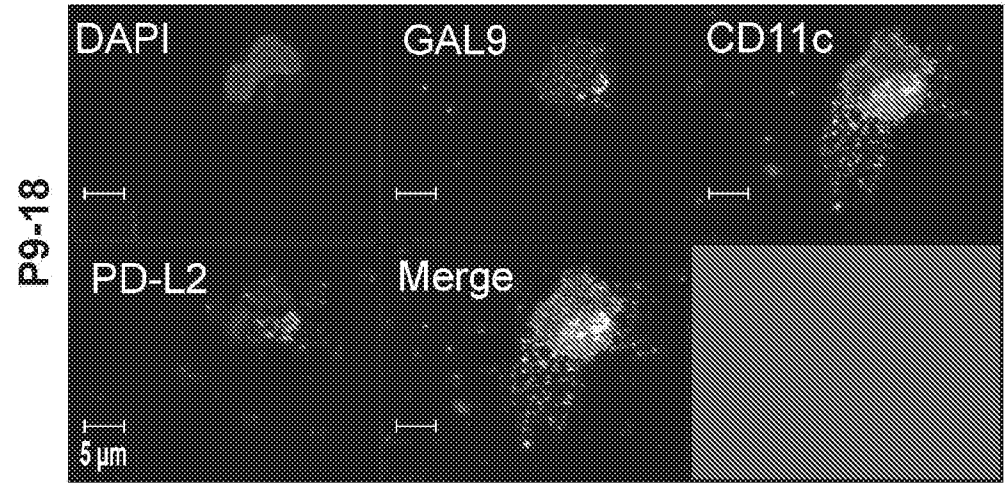
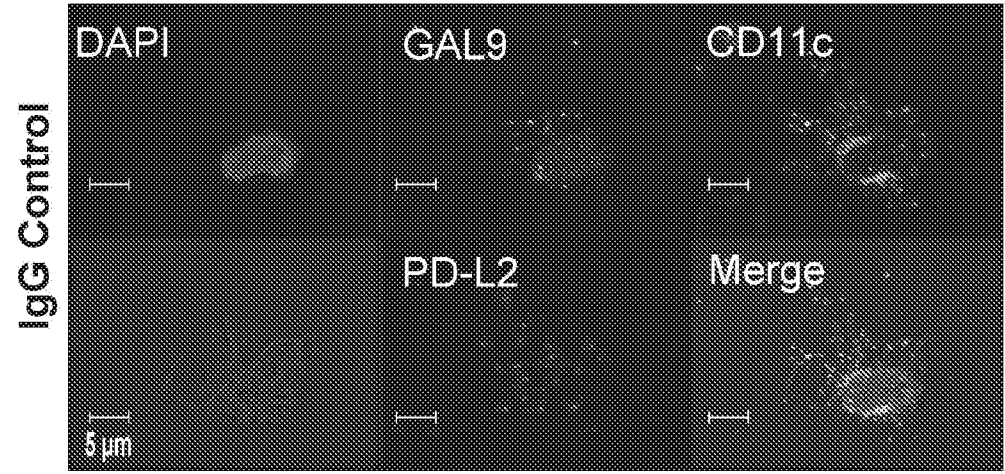
	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	I	T	C	R	A	S	Q	S	V	S	S	A	V	A
Martin	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L12	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34
Sequency	36%	45%	15%	34%	94%	98%	78%	88%	28%	70%	50%	80%	39%	65%	21%	98%	24%	43%	63%	71%	71%	41%	99%	40%	43%	79%	47%	60%	24%	29%	24%	3%	29%	29%
IMGT	LFR1										CDR-L1										LFR2													

	W	Y	Q	Q	K	P	G	K	A	P	K	L	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R	S	G
Martin	L35	L36	L37	L38	L39	L40	L41	L42	L43	L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66	L67	L68	
Sequency	100%	86%	89%	90%	67%	87%	92%	23%	57%	95%	57%	75%	75%	89%	85%	7%	40%	67%	15%	32%	2%	75%	95%	64%	93%	23%	99%	93%	89%	97%	96%	3%	92%	93%	
IMGT	LFR2										CDR-L2										LFR3														

	T	D	F	T	L	T	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	G	Y	S	T	L	V	T	F	G	Q	G	T
Martin	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102		
Sequency	71%	43%	50%	66%	96%	71%	97%	71%	34%	59%	60%	28%	78%	99%	99%	26%	85%	26%	99%	85%	100%	52%	50%	8%	17%	43%	11%	17%	7%	54%	99%	99%	22%	99%	98%	
IMGT	LFR3										CDR-L3										LFR4															

	K	V	E	L	E	R	T	V
Martin	L103	L104	L105	L106	L107	L108	L109	L110
Sequency	80%	38%	51%	48%	63%	60%	24%	52%
IMGT	LFR4							

FIG. 7E (Cont.)



A. IgG Control

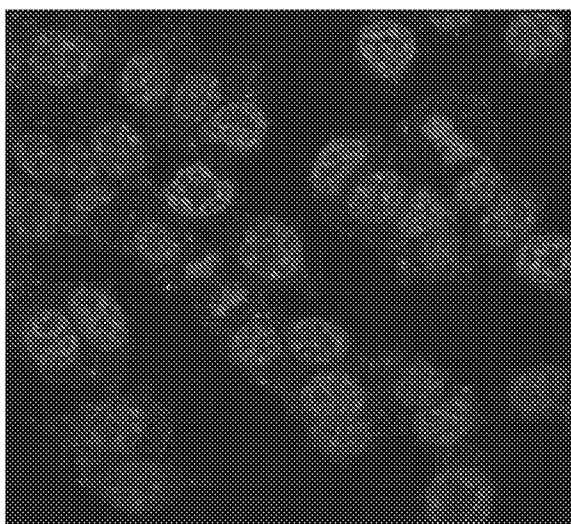


FIG. 9A

B. P9-18

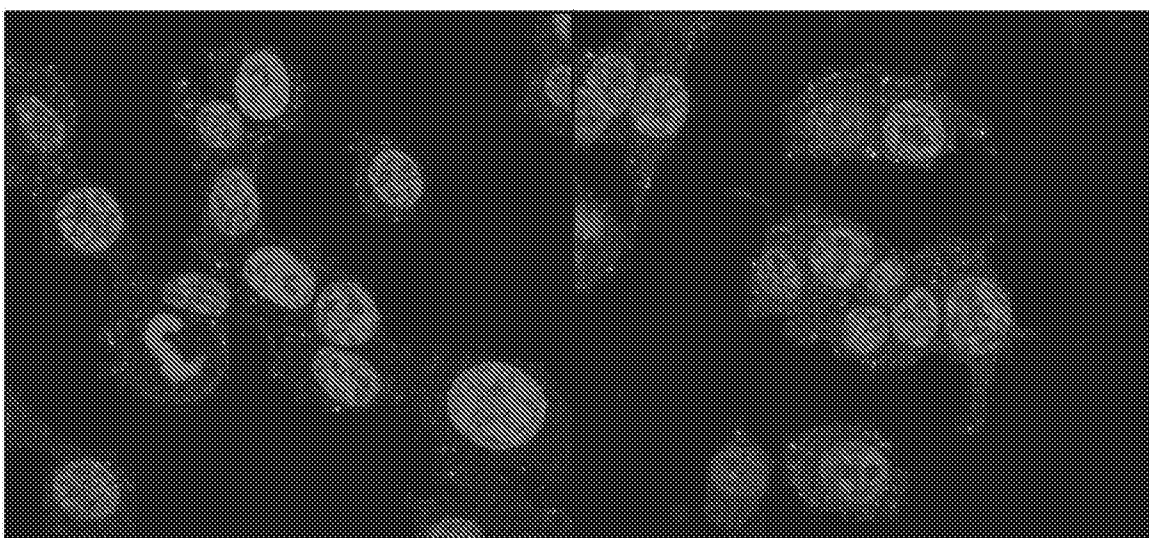


FIG. 9B

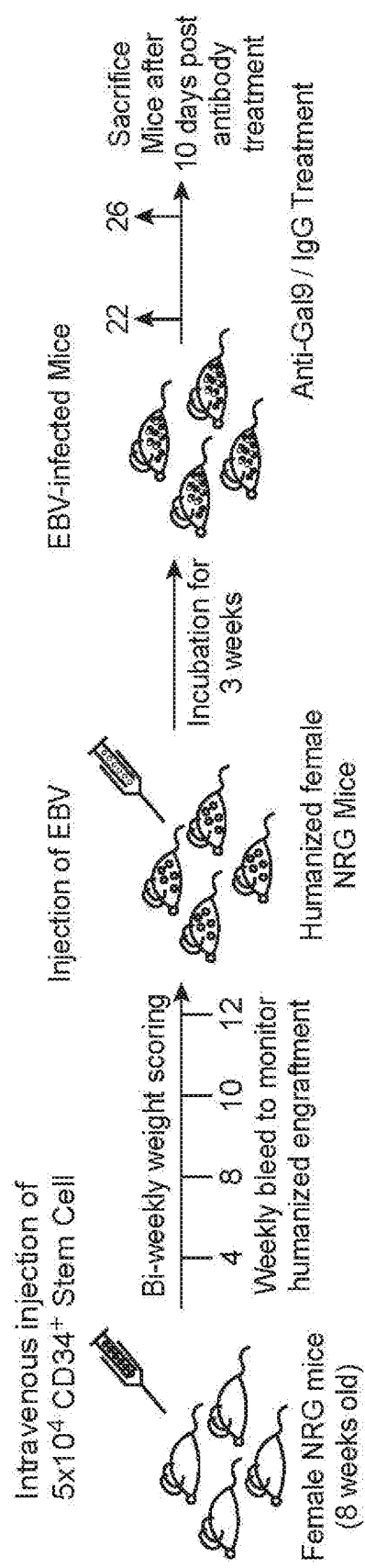


FIG. 10A

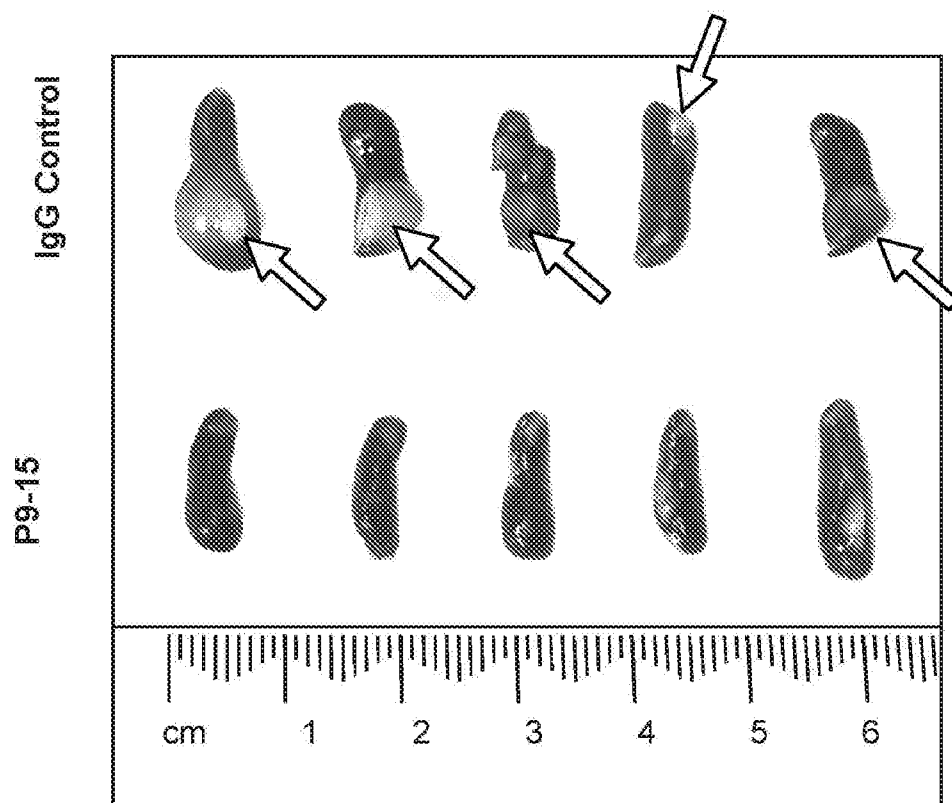


FIG. 10B

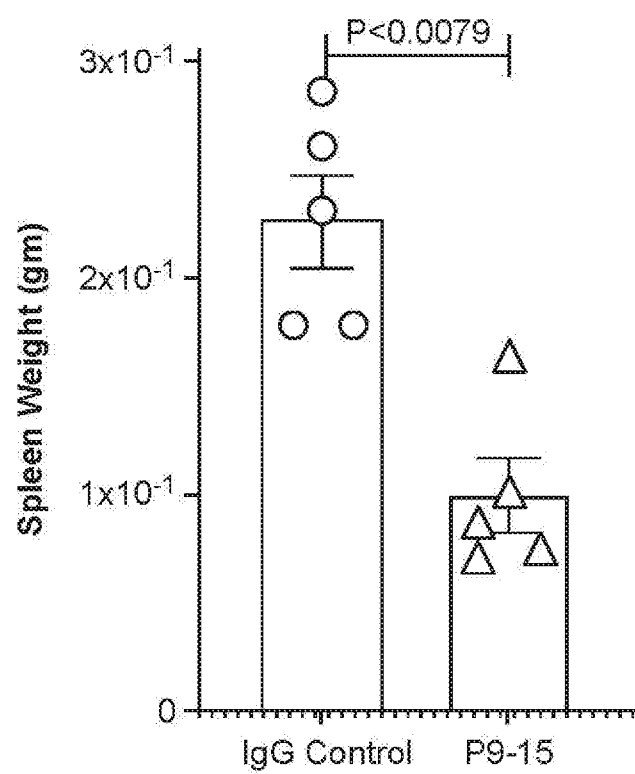


FIG. 10C

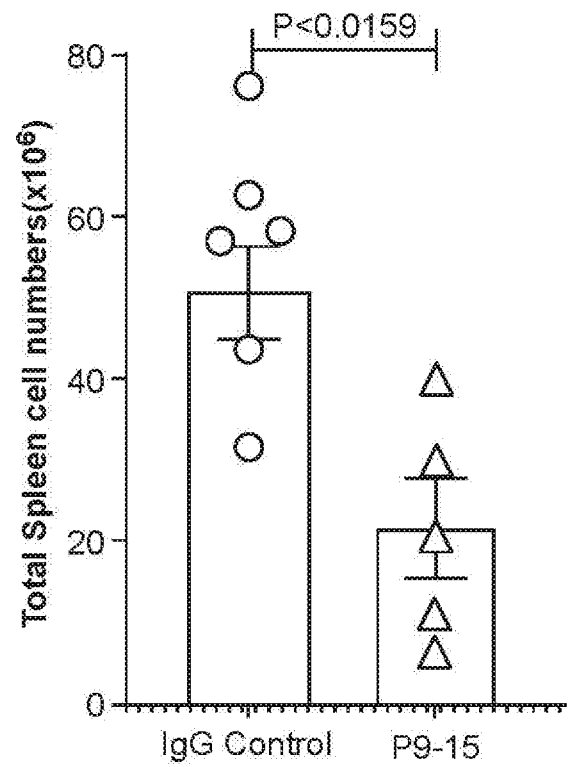


FIG. 10D

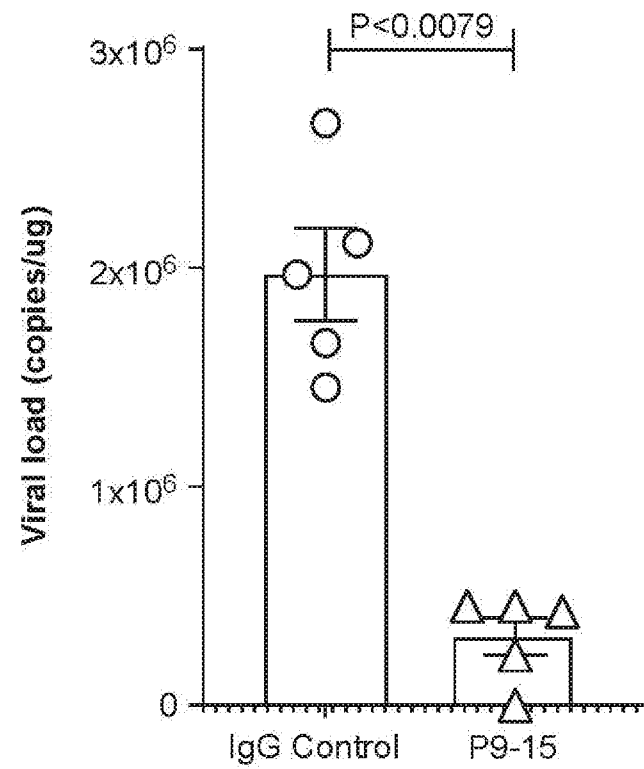


FIG. 10E

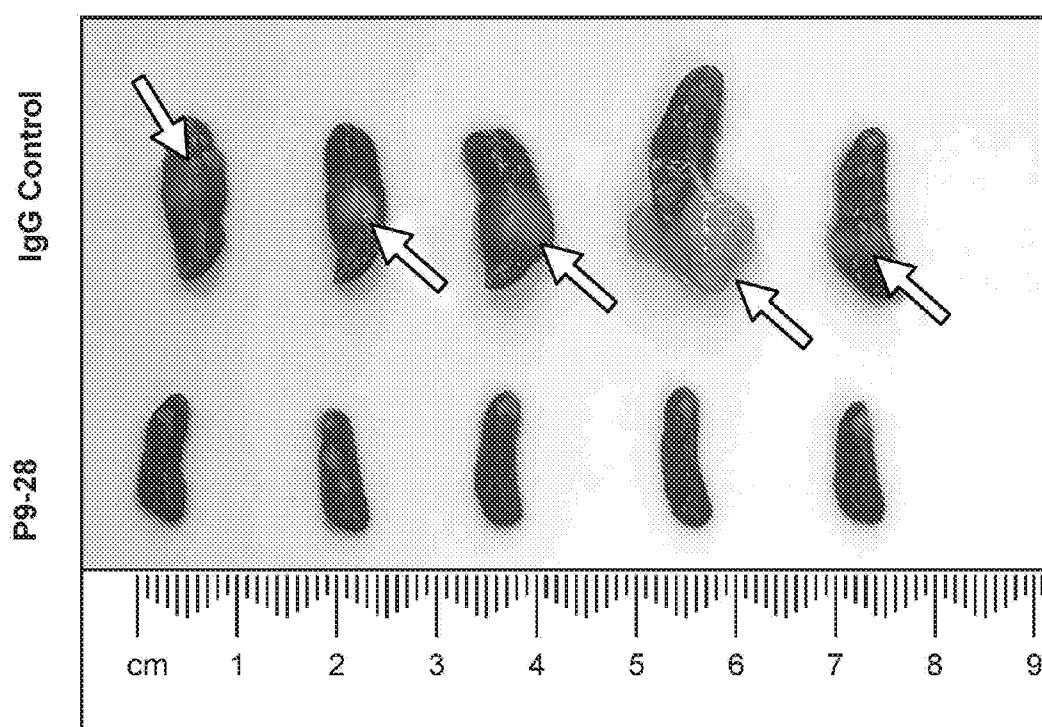


FIG. 11

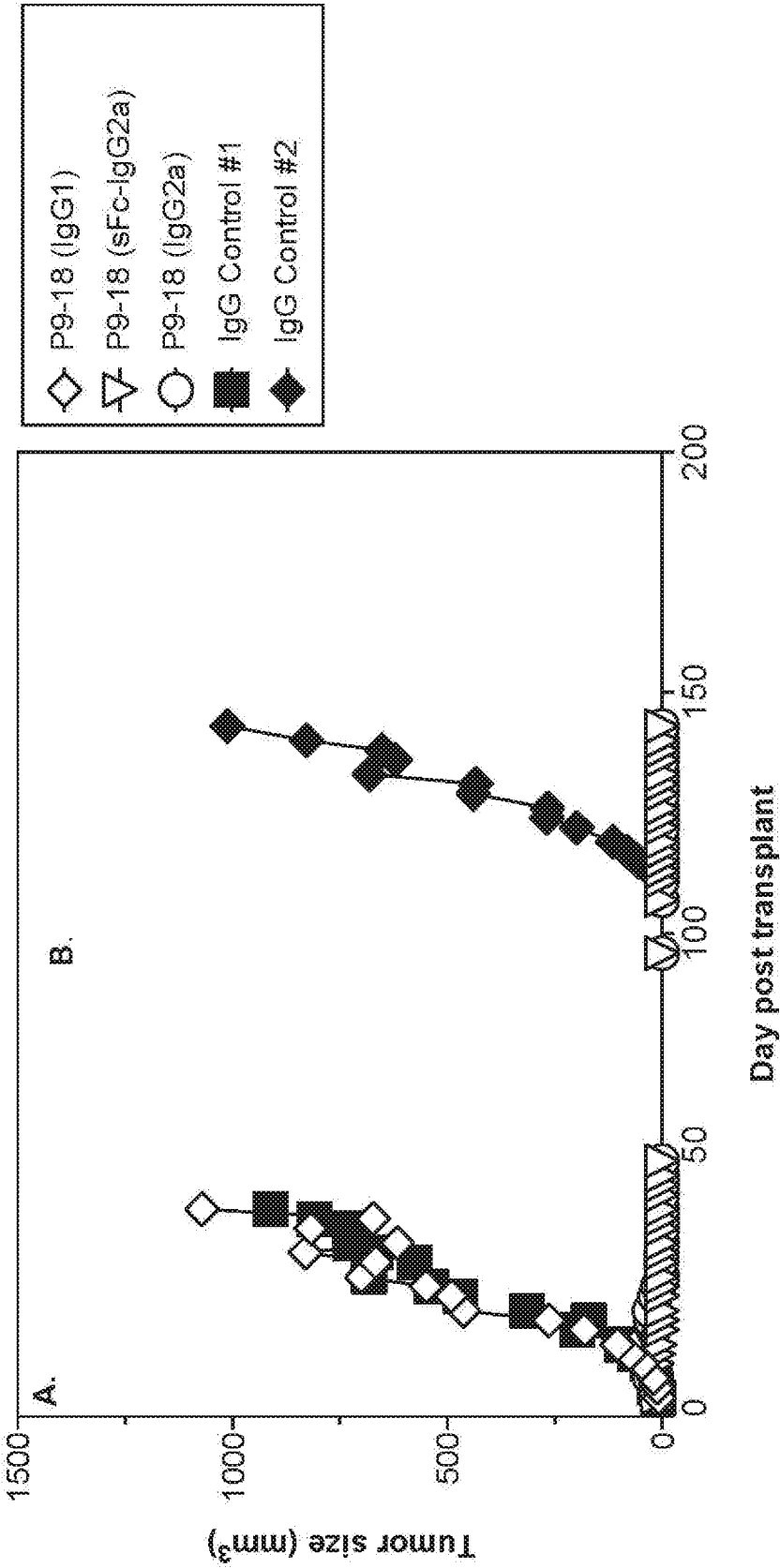


FIG. 12

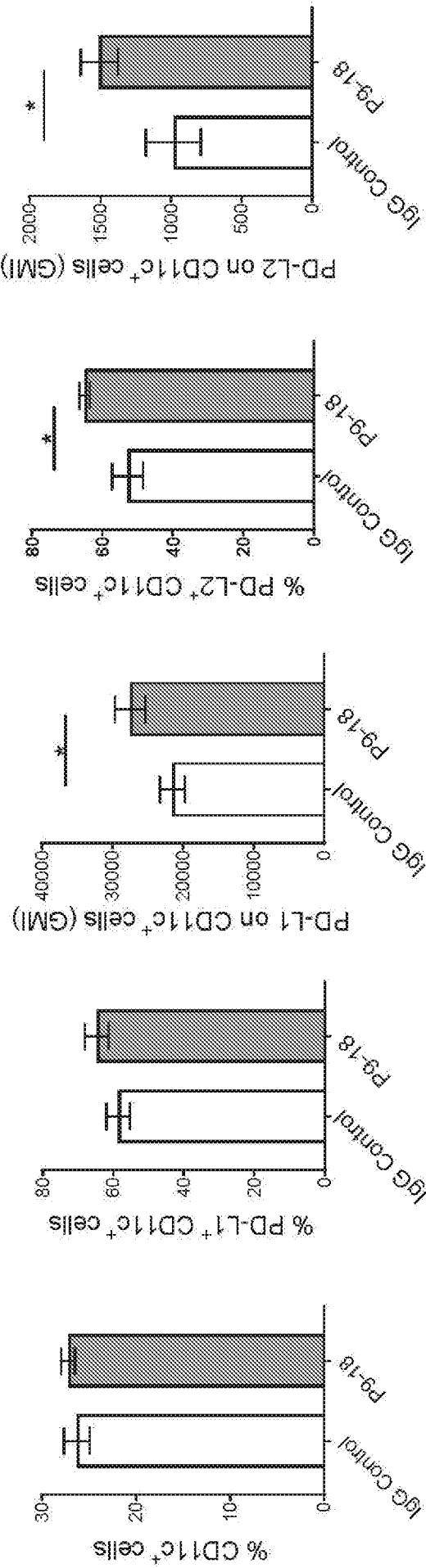


FIG. 13

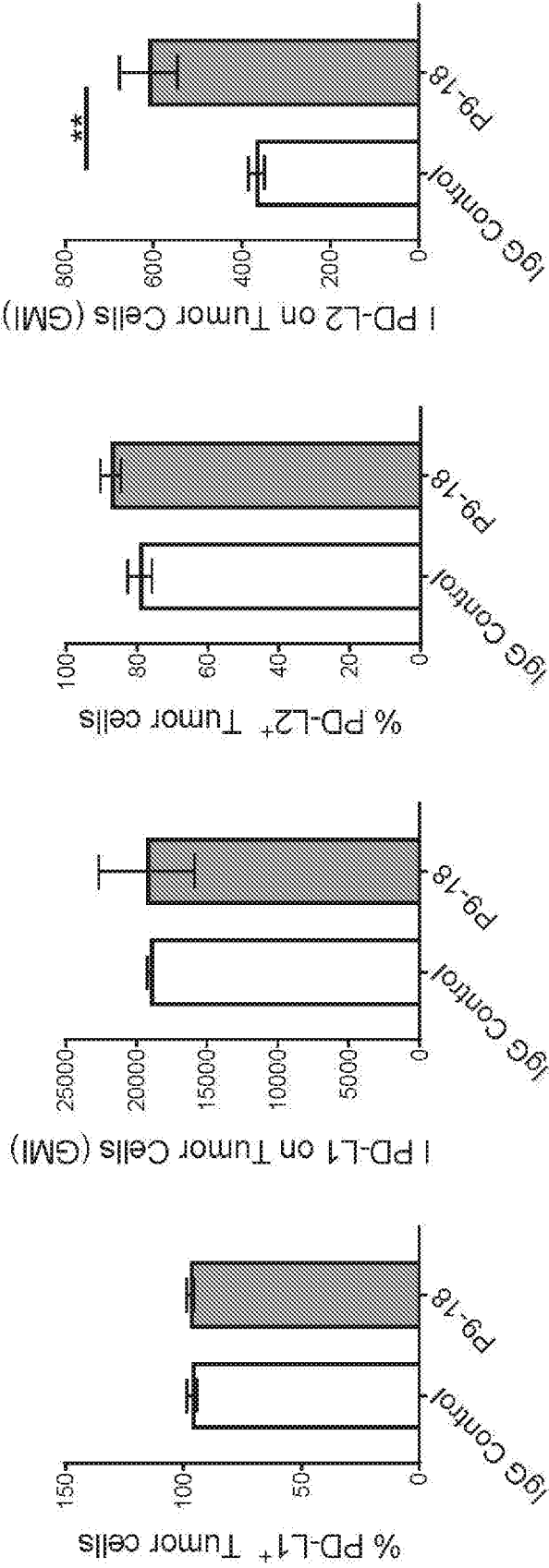


FIG. 14