

# ImmGen 14 Cell Set Final Round Gating Strategies

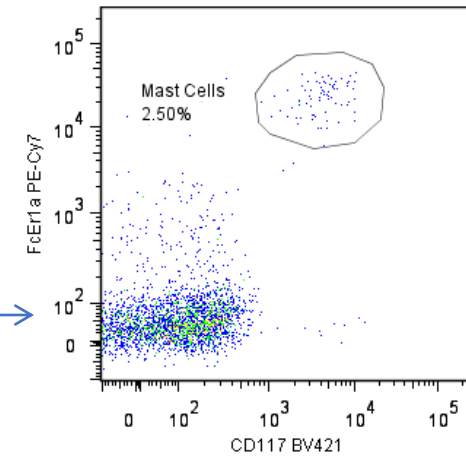
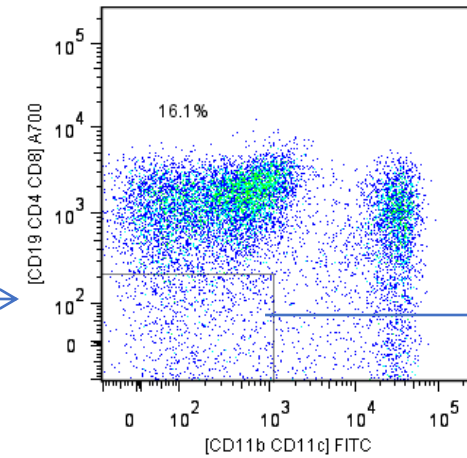
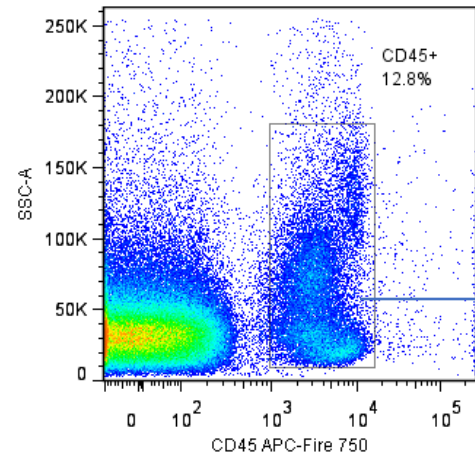
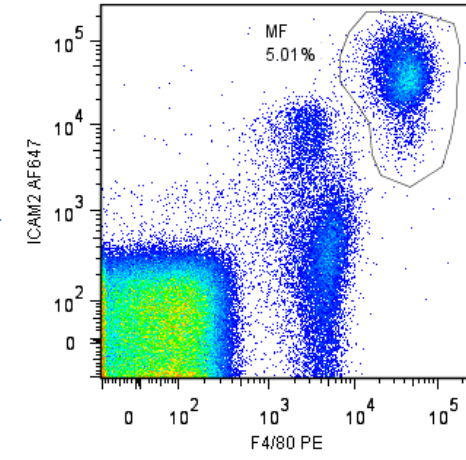
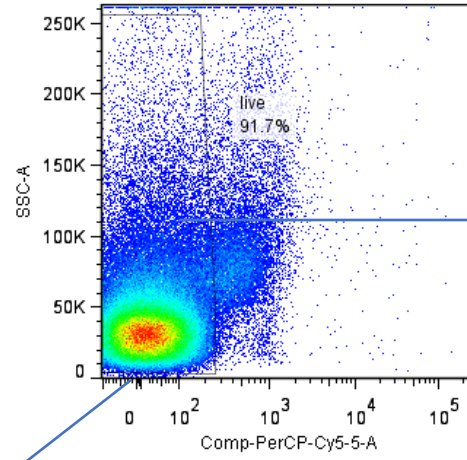
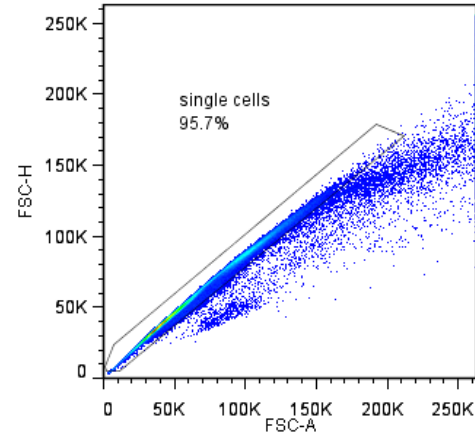
November 2018

Panel	Antibody	Clone	Fluorophore	Antibody dilution for 561 laser	Catalog#
PC.MF.MC (Panel 1)	CD11b	M 1/70	FITC	1/100	101205
	CD11c	N418	FITC	1/100	117305
	CD117	2B8	BV421	1/100	105827
	FcεRIα	MAR-1	PE-Cy7	1/100	134317
	CD102 (ICAM 2)	3C4	AF647	1/100	105611
	F4/80	BM8	PE	1/100	123109
	CD45	30-F11	APC-Fire 750	1/100	103153
	CD19	6D5	A700	1/100	115527
	CD45	GK1.5	A700	1/100	100429
	CD8a	53-6.7	A700	1/100	100729
	PI				
Sp.Treg.Tgd.NK.DC (Panel 2)	TCRbeta	H57-597	PE-Cy7	1/100	109221
	TCRgd	GL3	APC	1/100	118115
	NK-1.1	PK136	PE	1/200	108707
	CD25	PC61	BV421	1/100	102043
	CD11c	N418	FITC	1/100	117305
	CD8a	53-6.7	BV510	1/100	100751
	CD4	GK1.5	APC-Fire 750	1/100	100459
	Ter-119	Ter-119	A700	1/100	116220
	GR-1	RB6-8C5	A700	1/100	108422
	CD19	6D5	A700	1/100	115528
	PI				
Sp.Mo.PDC.Gn.MF (Panel 3)	F4/80	BM8	AF647	1/100	123121
	MHC II	M5/114.15.2	Pac Blue	1/100	107619
	TCRbeta	H57-597	PE-Cy7	1/100	109221
	Siglec H	551	FITC	1/100	129605
	CD115	AFS98	PE	1/100	135505
	Ly6G	1A8	BV510	1/100	127633
	Ly6C	HK1.4	APC-Fire 750	1/100	128045
	B220	RA3-6B2	A700	1/100	103231
	PI				
Sp.FB.MZB.Tnve.Teff.Tmem (Panel 4)	CD19	6D5	A700	1/100	115528
	TCRbeta	H57-597	PE-Cy7	1/100	109221
	CD93	AA4.1	FITC	1/100	136507
	CD23	B3B4	APC	1/100	101619
	CD43	S11	FITC	1/100	143203
	CD5	53-7.3	FITC	1/100	100605
	CD21/35	7E9	PE	1/100	123410
	CD4	GK1.5	APC-Fire 750	1/100	100459
	CD8a	53-6.7	BV510	1/100	100751
	CD62L	MEL-14	BV421	1/100	104435
	PI				

Panel	Cell	Organ	Markers
Panel 1	Mast Cell	PC	CD45+[CD11b-CD11c-][CD19-CD4-CD8-]CD117+FcEr1a+
	Large PC Macrophage	PC	ICAM2+F4/80
Panel 2	Treg Cell	Spleen	CD19-CD8-TER119-GR1-TCRB+CD4+CD25hi
	Tgd Cell	Spleen	CD19-CD8-TER119-GR1-TCRB-TCRgd+
	NK Cell	Spleen	CD19-CD8-TER119-GR1-TCRB-NK1.1+
	CD8+ Dendritic Cell	Spleen	TCRB-CD11chiCD8a+
Panel 3	Classical Monocytes	Spleen	CD115+Ly6C+
	Plasmacytoid Dendritic Cell	Spleen	CD11cintB220+SiglecH+
	Neutrophil	Spleen	TCRB-B220-Ly6G+(clone 1ab)
	Red Pulp Macrophage	Spleen	TCRB-MHCIIint-F4/80hi
Panel 4	Follicular B Cell	Spleen	CD19+TCRB-CD93-CD23+CD43-CD5-
	MZB Cell	Spleen	CD19+TCRB-CD93-CD23-CD21hi
	Naïve CD4+ Tab cell	Spleen	CD19-TCRB+CD4+CD8-CD62Lhi
	Effector/Mem CD8+ Tab cell	Spleen	CD19-TCRB+CD4-CD8+CD62-

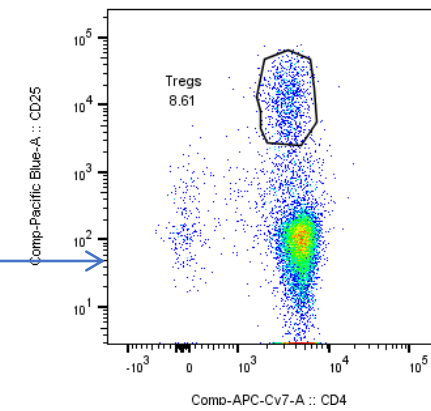
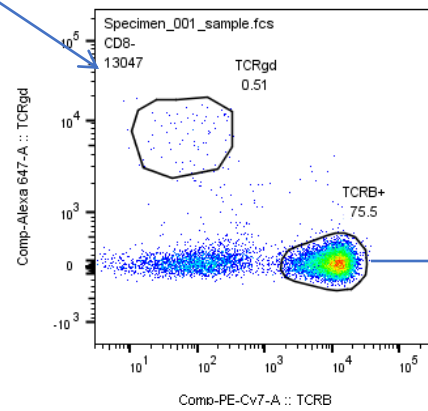
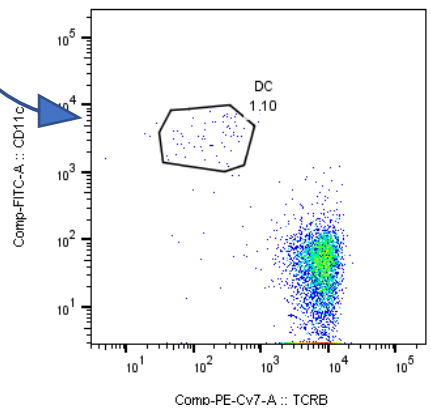
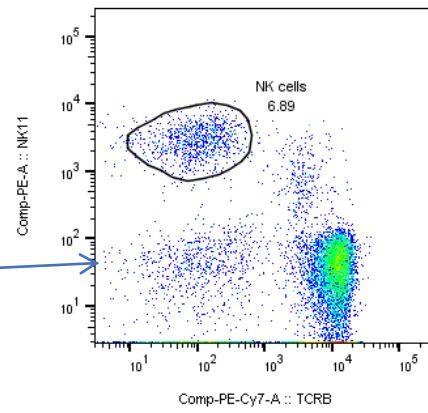
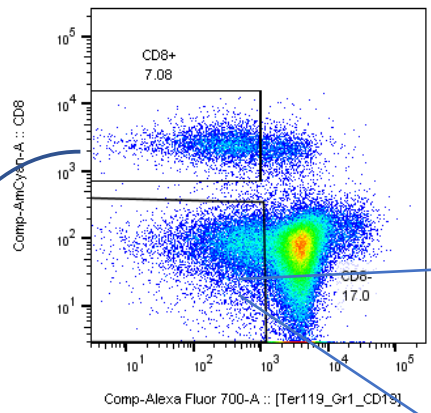
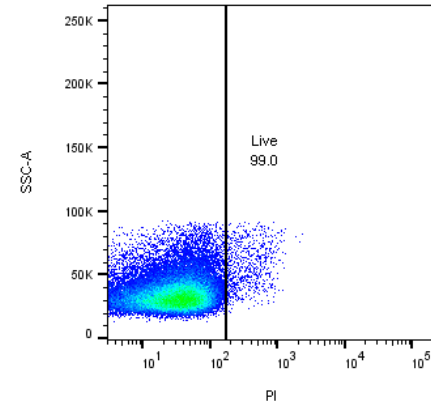
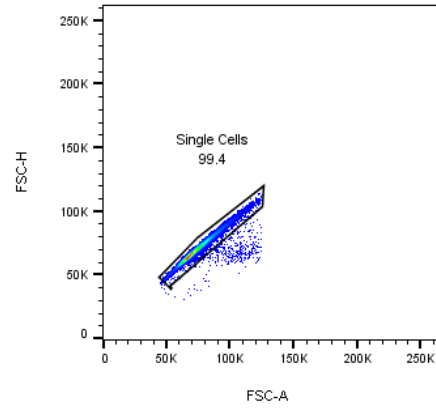
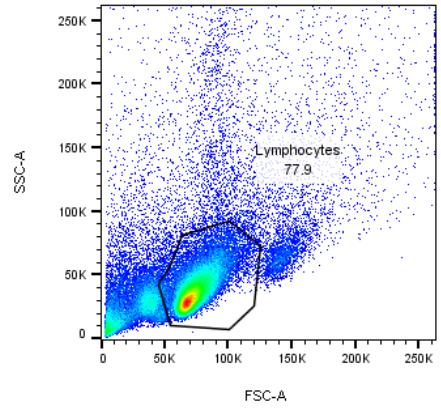
# Panel 1 PC

# Mast Cells, Large PC Macrophage



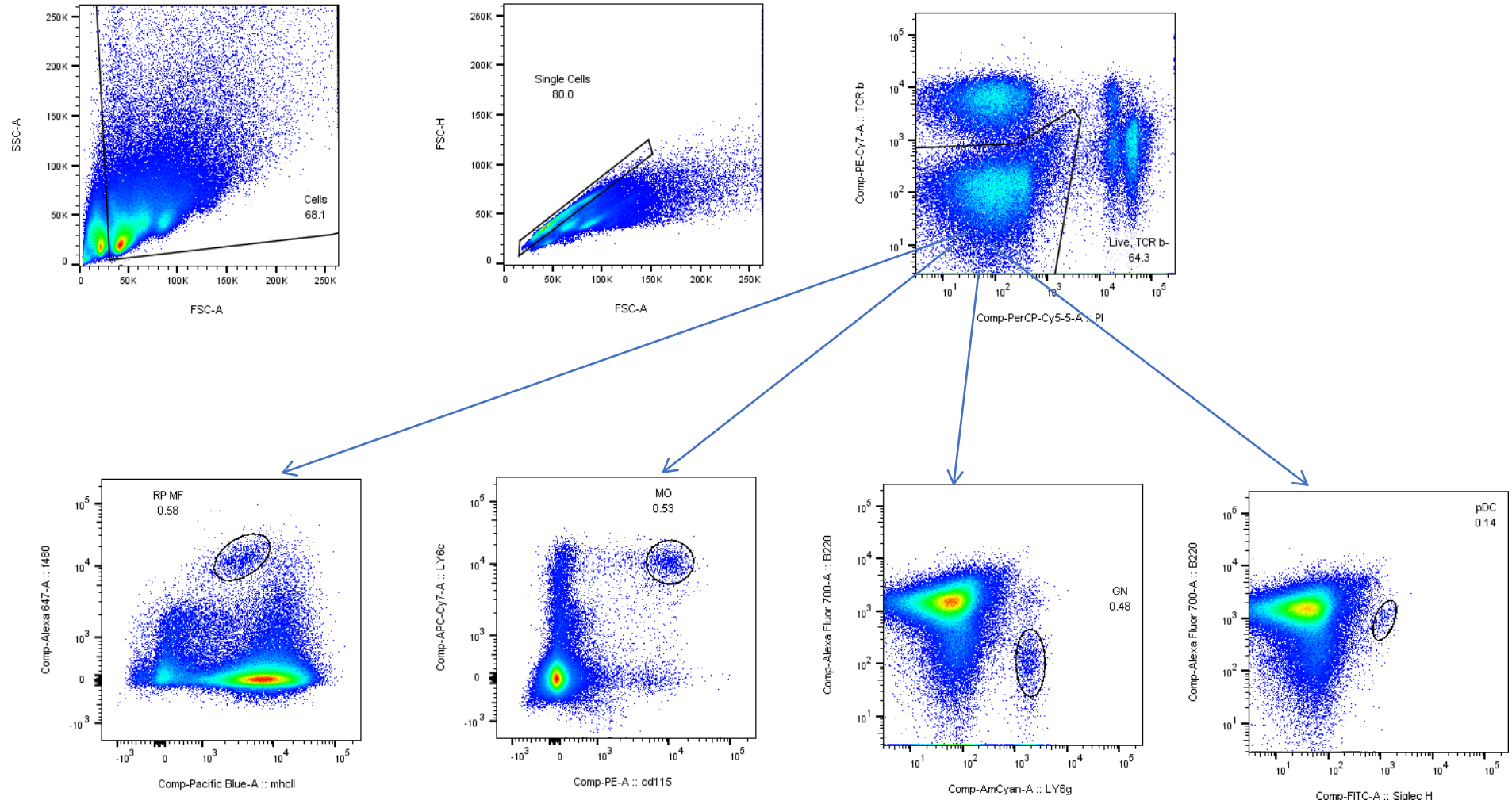
Panel 2 SP

Treg, Tgd, NK, CD8+ DC



# Panel 3 SP

# Classical Mo, PDC, GN, Red Pulp Macrophage



Panel 4 SP

Follicular B, MZB, Naïve T, Teff/Tmem

