Antigen ^a	Host ^b	Clone ^c	Source ^e
FcεRI γ subunit	Rabbit pAb	polyclonal	EMD Millipore and Invitrogen
CD11c	rabbit mAb	monoclona	l Abcam
CD3	mouse mAb	UCHT1	Biolegend
CD206	goat pAb	polyclonal	Santa Cruz
CD206	rabbit pAb	polyclonal	Santa Cruz
CD11b	mouse mAb	ICRF 44	Biolegend
CD11b	rat mAb	M1/70	Biolegend
CD11c	mouse mAb	3.9	Biolegend
CD3	rabbit mAb	SP7	Novus Biologicals
CD209/DC-SIGN	mouse mAb	9E9A8	Biolegend
CD123	mouse mAb	6H6	eBioscience
CD74/MHCII	mouse mAb	LN2	Biolegend
CD16	mouse mAb	5B11	Novus Biologicals
CD64	mouse mAb	10.1	Emd Millipore
CD14	mouse mAb	M5E2	Biolegend
CD163	mouse mAb	GHI/61	Biolegend
CD163	mouse mAb	RM3/1	Biolegend
CD5	mouse mAb	UCHT2	Biolegend
CD172a (SIRPα)	mouse mAb	P84	Biolegend

Sup Table 1: Details of all primary antibodies used in this study

^a Molecule or epitope recognized by antibody. ^b The host species in which the antibodies were made. Abbreviations: mAb, monoclonal antibody; pAb, polyclonal antibody^c. The clone name of the antibody^c.

Name ChangePold ChangePName ChangeFold ChangePFCER1G3.50.0001C1R1.91E-10SPP13.12.00E-04STAT11.80.000001CD45R02.90MX11.84.00E-04C1282.40CCL191.80.001CL122.20.001PTPRC_all1.81.00E-04FN12.00.006FCER1G1.70.0010005TGFB11.90C21.70.000001CD45R81.91.00E-0417A0.000001CTS51.90CL51.69.00E-04CTS41.90CL51.60.003MX11.80.02IF161.60.00001TGAX1.90C141.70.000001TGAX1.80.02IF161.60.003MX11.80.02IF161.60.0001TGAX1.71.00E-04C1281.61.00E-04TGAX1.71.00E-04C1281.60.00005TGAA1.71.00E-04ITGA1.50.000005CFD1.61.00E-04ITGA1.50.002TGAA1.71.00E-04ITGA1.50.00E-04TGAA1.71.00E-04ITGA1.50.00E-04TGAA1.71.00E-04ITGA1.50.00E-04TGAA1.61.00E-04 <t< th=""><th>DE Glom. Transo</th><th>cripts at LN Fla</th><th>are vs Normal</th><th>DE TI Tran</th><th>scripts at LN I</th><th>lare vs Normal</th></t<>	DE Glom. Transo	cripts at LN Fla	are vs Normal	DE TI Tran	scripts at LN I	lare vs Normal
FCER1G 3.5 0.0001 C1R 1.9 1E-10 SPP1 3.1 2.00E-04 STA71 1.8 0.0000001 CD45R0 2.9 0 MX1 1.8 4.00E-04 C1QB 2.4 0 CL19 1.8 0.001 CCL2 2.2 0.001 PTPC_all 1.8 1.00E-04 FN1 2.0 0.006 FCER1G 1.7 0.001 MSR1 1.9 0.004 LTF 1.7 0.0000001 CTSS 1.9 1.00E-04 ITGA4 1.7 0.000001 CTSS 1.9 0 CL5 1.6 0.002 CYBB 1.8 0.002 IF16 1.6 0.00001 ITGAX 1.7 0 C3 1.6 1.00E-04 C1QA 1.7 1.00E-04 C1QB 1.6 1.00E-04 ITGAM 1.7 1.00E-04 C1QA 1.5 0.002 C1QA 1.7	Name		Р	Name		Р
SPP13.12.00E-04STAT11.80.0000001CD4SR02.90MX11.84.00E-04C1QB2.40CCL191.80.001CCL22.20.001PTPRC_all1.81.00E-04FN12.00.006FCER1G1.70.001MSR11.90C21.70.0000005TGFBI1.90.00E-04ITF1.70.000001CTSS1.90CL51.69.00E-04CYBB1.80IF1351.60.003MX11.80.002IF161.60.00001TGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04CTQA1.71.00E-04C1QB1.60.003MX11.80.002IF161.60.00001TGAX1.71.00E-04C1QB1.61.00E-04C1QA1.71.00E-04C1QB1.60.00001TGAM1.71.00E-04C1QA1.50.002CFD1.61.00E-04TGAX1.50.02C1QA1.61.00E-04TGAX1.50.02C1QA1.61.00E-04TGAX1.50.02C1QA1.61.00E-04TGAX1.50.02C1QA1.61.00E-04TGAX1.50.02C1QA1.61.00E-04TGAX1.50.02<		Change			-	
CD45R02.90MX11.84.00E-04C1QB2.40CCL191.80.001CCL22.20.001PTPRC_all1.81.00E-04FN12.00.006FCER1G1.70.001MSR11.90C21.70.000005TGFBI1.90.004ITF1.77.00E-04CD45RB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBA1.80.002IF161.60.003MX11.80.002IF161.60.00001TTGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.00E-041.00E-04PTPRC_all1.71.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.002PTPRC_all1.71.00E-04C1QA1.50.002CD421.61.00E-04C1GA1.50.00005CFD1.61.00E-04C1GA1.50.002PTPRC_all1.61.00E-04ITGAX1.50.002CD421.61.00E-04C1GA1.50.002CD41.00E-04FTBA1.50.0021.6CD41.00E-04FTBA1.50.002CD41.00E-04FTBA1.50	FCER1G	3.5	0.0001	C1R	1.9	1E-10
C1QB2.40CCL191.80.001CCL22.20.001PTPRC_all1.81.00E-04FN12.00.006FCER1G1.70.001MSR11.90C21.70.0000005TGFBI1.90.004ITF1.77.00E-04CD45RB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBB1.80IF1351.60.003MX11.80.002IF161.60.00001TTGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.70.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.50.002PTPRC_all1.71.00E-04C1QA1.50.002CD421.61.00E-04ITGAX1.50.02CD421.61.00E-04ITGAX1.50.02PU2F21.62.00E-04ITGAX1.50.00002TIRA21.61.00E-04IFNAE21.50.00002C21.62.00E-04IFNAE21.50.00005CD41.50.016IRGM0.60.01TIRA21.60.016IRGM0.60.01TIRA21.60.016IRGM <td>SPP1</td> <td>3.1</td> <td>2.00E-04</td> <td>STAT1</td> <td>1.8</td> <td>0.0000001</td>	SPP1	3.1	2.00E-04	STAT1	1.8	0.0000001
CCL22.20.001PTPRC_all1.81.00E-04FN12.00.006FCER1G1.70.001MSR11.90C21.70.000005TGFBI1.90.004LTF1.77.00E-04CD45RB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBB1.80.002IF1351.60.003MX11.80.002IF161.60.00001ITGAX1.70C31.68.00E-04C1QA1.70.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1QB1.61.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.50.000005CFD1.61.00E-04ITGAX1.50.002POU2F21.62.00E-04ITGBJ1.50.02C21.62.00E-04IFNAR21.50.00002C21.62.00E-04IFNAR21.50.00002C21.64.00E-04CFD1.53.00E-04IL10RA1.60.01IRGM0.60.01TKFSF81.60.013IFH10.60.0005CD441.50.0213IFB10.60.0005IKKE1.50.0213IFGR10.60.0005IKKE1.50.0213	CD45R0	2.9	0	MX1	1.8	4.00E-04
FN1 2.0 0.006 FCERE 1.7 0.001 MSR1 1.9 0 C2 1.7 0.000005 TGFBI 1.9 0.004 LTF 1.7 7.00E-04 CD45RB 1.9 1.00E-04 ITGA4 1.7 0.000001 CTSS 1.9 0 CCL5 1.6 9.00E-04 CYBB 1.8 0 IFI35 1.6 0.003 MX1 1.8 0.002 IFI6 1.6 0.00001 ITGAX 1.7 0 C3 1.6 8.00E-04 C1QA 1.7 1.00E-04 C1QB 1.6 1.00E-04 ITGAX 1.7 1.00E-04 C1QA 1.5 0.000005 CFD 1.6 1.00E-04 ITGAX 1.5 0.00005 CFD 1.6 1.00E-04 C1QA 1.5 0.02 S100A9 1.6 1.00E-04 TGFBI 1.5 0.02 C2 1.6	C1QB	2.4	0	CCL19	1.8	0.001
MSR11.90C21.70.000005TGFBI1.90.004ITF1.77.00E-04CD45RB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBB1.80.002IF1351.60.003MX11.80.002IF161.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1QA1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.002POU2F21.62.00E-04I.50.02POU2F21.62.00E-04I.50.00002C21.62.00E-04I.50.00002ITGB21.60.00E-04I.50.00002ITGB21.60.016IRGM0.60.01ITMSF81.60.013IFMA21.50.0005ITGAL1.50.013IFM10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFMA20.70.0372KIT0.60.0001IFMA20.70.0352KIT0.60.0001IFMA20.60.00E-04ZBTB160.50.0001ITGAL0.50.0065MME0.50.03 <td>CCL2</td> <td>2.2</td> <td>0.001</td> <td>PTPRC_all</td> <td>1.8</td> <td>1.00E-04</td>	CCL2	2.2	0.001	PTPRC_all	1.8	1.00E-04
TGFBI1.90.004LTF1.77.00E-04CD4SRB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBB1.80.002IF1351.60.003MX11.80.002IF161.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1QA1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.002POU2F21.62.00E-04I.50.02POU2F21.62.00E-04I.50.02ITGB21.61.00E-04GFBI1.50.00002ITGB21.60.016IRGM0.60.01ITMSF81.60.016IRGM0.60.01TNFSF81.60.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFMA20.70.0372KIT0.60.0001IFMA20.70.0372KIT0.60.0001IFMA20.66.00E-04ZBTB160.50.03IFMA20.66.00E-04ZBTB160.50.03	FN1	2.0	0.006	FCER1G	1.7	0.001
CD45RB1.91.00E-04ITGA41.70.000001CTSS1.90CCL51.69.00E-04CYBB1.80.002IFI351.60.003MX11.80.002IFI161.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1QA1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.000005S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TIR21.62.00E-04TAP11.50.00002C21.62.00E-04IFNAR21.50.00002C21.62.00E-04IFNAR21.50.00002ITGB21.60.016IFNAR21.50.00002ITGB21.60.016IRGM0.60.011TNFSF81.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFAA20.70.0372KIT0.60.0001IFAA20.60.0001IFAB40.50.0001IFAA20.60.0005MME0.50.03IFAA20.60.0005MME0.0001	MSR1	1.9	0	С2	1.7	0.0000005
CTSS1.90CCL51.69.00E-04CYBB1.80/F1351.60.003MX11.80.002/F1661.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1QA1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04C1QA1.50.000005S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TIR21.62.00E-04TAP11.50.004C21.62.00E-04IFNAR21.50.00002C21.62.00E-04IFNAR21.50.00002C21.60.016IFNAR21.50.00002ITGB21.60.016IFNAR21.50.00002ITGR41.60.0106IRGM0.60.011TNFSF81.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFA420.70.0372KIT0.60.0001IFA420.70.0352MME0.50.0001IFA420.60.0001ITGA4IST0.0001IFA420.60.0001ITGA4IST0.0001IFA420.70.0055<	TGFBI	1.9	0.004	LTF	1.7	7.00E-04
CYBB1.80IF1351.60.003MX11.80.002IF1361.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1S1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.52.00E-04S100A91.61.00E-04CD4SR01.50.02POU2F21.62.00E-04TAP11.50.004TIR21.61.00E-04IFNAR21.50.02C21.62.00E-04IFNAR21.50.00002ITGB21.60.016IFNAR21.50.00002ITGB21.60.0106IRGM0.60.011IL10RA1.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0005IFNA20.70.0213EGR10.60.0007IFNA20.70.3372KIT0.69.00E-04IFNA20.60.0001IFNA20.60.0001IFAAB0.60.0001IFNA20.60.0001IFAAB0.60.0007IFNA20.60.0001IFNA20.70.0372KIT0.60.0001IFNA20.60.0001IFNA20.60.0001IFNA20.60.0E	CD45RB	1.9	1.00E-04	ITGA4	1.7	0.000001
MX11.80.002/F161.60.00001ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1S1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04/TGAX1.50.002S100A91.61.00E-04/TGAX1.50.02POU2F21.62.00E-04TAP11.50.004TIR21.61.00E-04/TGFBI1.50.02C21.62.00E-04/TAP11.50.00002ITGB21.60.00E-04/FNAR21.50.00002ITGB21.60.016/IFMAR21.50.00002ITGRA1.60.0106/RGM0.60.01TNFSF81.60.0106/RGM0.60.0005ITGAL1.50.0213 <i>EGR1</i> 0.60.0007ITGAL1.50.0213 <i>EGR1</i> 0.60.0007ITGA2B0.70.0372/IT0.60.0001ITGA2B0.70.0065MME0.50.031ITGA2B0.60.0001/ITGA20.03/ITGA2ITGA2B0.50.0065MME0.50.031	CTSS	1.9	0	CCL5	1.6	9.00E-04
ITGAX1.70C31.68.00E-04C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1S1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.50.00E-04S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004C21.62.00E-04TGFBI1.50.02ITGB21.62.00E-04FNAR21.50.00002IL10RA1.60HLA-A1.53.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFGA2B0.70.0372KIT0.60.0001ITGA2B0.70.0065MME0.50.03ITGA20.66.00E-04ZBTB160.50.03	СҮВВ	1.8	0	IFI35	1.6	0.003
C1QA1.71.00E-04C1QB1.61.00E-04PTPRC_all1.76.00E-04C1S1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.52.00E-04S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TLR21.61.00E-04TGFBI1.50.00002C21.62.00E-04FNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007IFNA20.70.0372KIT0.69.00E-04IFNA20.70.0065MME0.50.0001IFOAL0.65.00E-04ZBTB160.50.03	MX1	1.8	0.002	IFI16	1.6	0.000001
PTPRC_all1.76.00E-04C1S1.56.00E-04ITGAM1.71.00E-04C1QA1.50.000005CFD1.61.00E-04ITGAX1.52.00E-04S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TLR21.61.00E-04TGFBI1.50.00002C21.62.00E-04IFNAR21.50.000002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.60.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007ITGA20.70.0372KIT0.60.0007IFNA20.70.0065MME0.50.03ITGA2B0.60.0001ZBTB160.50.03MME0.52.00E-04ISTB160.50.03	ITGAX	1.7	0	С3	1.6	8.00E-04
ITGAM 1.7 1.00E-04 C1QA 1.5 0.000005 CFD 1.6 1.00E-04 ITGAX 1.5 2.00E-04 S100A9 1.6 1.00E-04 CD45R0 1.5 0.02 POU2F2 1.6 2.00E-04 TAP1 1.5 0.004 TLR2 1.6 2.00E-04 TAP1 1.5 0.02 C2 1.6 2.00E-04 IFNAR2 1.5 0.00002 C2 1.6 2.00E-04 IFNAR2 1.5 0.00002 ITGB2 1.6 0.0E-04 IFNAR2 1.5 0.00002 ITGB2 1.6 0.0E-04 IFNAR2 1.5 0.00002 IL10RA 1.6 0 HLA-A 1.5 0.0014 SYK 1.6 0.0106 IRGM 0.6 0.01 TNFSF8 1.6 0.0013 THY1 0.6 2.00E-04 IKBKE 1.5 0.0213 EGR1 0.6 0.0007 IF	C1QA	1.7	1.00E-04	C1QB	1.6	1.00E-04
CFD1.61.00E-04ITGAX1.52.00E-04S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TLR21.61.00E-04TGFBI1.50.02C21.62.00E-04IFNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01005TNFSF81.60.013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007ITGA20.70.0372KIT0.60.0001IFNA20.70.0065MME0.50.0001ITGA2B0.66.00E-04ZBTB160.50.03MME0.52.00E-04IS0.50.03	PTPRC_all	1.7	6.00E-04	C1S	1.5	6.00E-04
S100A91.61.00E-04CD45R01.50.02POU2F21.62.00E-04TAP11.50.004TLR21.61.00E-04TGFBI1.50.02C21.62.00E-04IFNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.60.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.009ITGA11.50.0372KIT0.60.0007ITGA2B0.70.0065MME0.50.0001RORC0.66.00E-04ZBTB160.50.03MME0.52.00E-04II.50.3	ITGAM	1.7	1.00E-04	C1QA	1.5	0.0000005
POU2F21.62.00E-04TAP11.50.004TLR21.61.00E-04TGFBI1.50.02C21.62.00E-04IFNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.60.013DEFB10.60.0005CD441.50.0213EGR10.60.009ITGAL1.50.0372KIT0.69.00E-04IFNA20.70.0372KIT0.60.0001ITGA2B0.66.00E-04ZBTB160.50.03MME0.52.00E-04II.50.03	CFD	1.6	1.00E-04	ITGAX	1.5	2.00E-04
TLR21.61.00E-04TGFBI1.50.02C21.62.00E-04IFNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.64.00E-04DEFB10.60.0005CD441.50.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007ITGAL1.56.00E-04RORC0.60.0007IFNA20.70.0372KIT0.60.0001ITGA2B0.70.0065MME0.50.03MME0.52.00E-04IS0.50.03	S100A9	1.6	1.00E-04	CD45R0	1.5	0.02
C21.62.00E-04IFNAR21.50.00002ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.64.00E-04DEFB10.60.0005CD441.50.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.0007ITGAL1.56.00E-04RORC0.60.0007IFNA20.70.0372KIT0.60.0001ITGA2B0.66.00E-04ZBTB160.50.03MME0.50.62.00E-04II	POU2F2	1.6	2.00E-04	TAP1	1.5	0.004
ITGB21.64.00E-04CFD1.53.00E-04IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.64.00E-04DEFB10.60.00005CD441.50.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.009ITGAL1.56.00E-04RORC0.60.0007IFNA20.70.372KIT0.69.00E-04ITGA2B0.66.00E-04ZBTB160.50.03MME0.52.00E-04	TLR2	1.6	1.00E-04	TGFBI	1.5	0.02
IL10RA1.60HLA-A1.57.00E-04SYK1.60.0106IRGM0.60.01TNFSF81.64.00E-04DEFB10.60.0005CD441.50.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.009ITGAL1.56.00E-04RORC0.60.0007IFNA20.70.0372KIT0.69.00E-04ITGA2B0.70.0065MME0.50.03RORC0.66.00E-04ZBTB160.50.03MME0.52.00E-04III	C2	1.6	2.00E-04	IFNAR2	1.5	0.000002
SYK 1.6 0.0106 IRGM 0.6 0.01 TNFSF8 1.6 4.00E-04 DEFB1 0.6 0.00005 CD44 1.5 0.0013 THY1 0.6 2.00E-04 IKBKE 1.5 0.0213 EGR1 0.6 0.0007 ITGAL 1.5 6.00E-04 RORC 0.6 0.00007 IFNA2 0.7 0.0372 KIT 0.6 0.00011 ITGA2B 0.7 0.0065 MME 0.5 0.03 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 Image: State Stat	ITGB2	1.6	4.00E-04	CFD	1.5	3.00E-04
TNFSF81.64.00E-04DEFB10.60.00005CD441.50.0013THY10.62.00E-04IKBKE1.50.0213EGR10.60.009ITGAL1.56.00E-04RORC0.60.0007IFNA20.70.0372KIT0.69.00E-04ITGA2B0.70.0065MME0.50.0001RORC0.66.00E-04ZBTB160.50.03MME0.52.00E-04	IL10RA	1.6	0	HLA-A	1.5	7.00E-04
CD44 1.5 0.0013 THY1 0.6 2.00E-04 IKBKE 1.5 0.0213 EGR1 0.6 0.009 ITGAL 1.5 6.00E-04 RORC 0.6 0.0007 IFNA2 0.7 0.0372 KIT 0.6 9.00E-04 ITGA2B 0.7 0.0065 MME 0.5 0.0001 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 Participant Participant	SYK	1.6	0.0106	IRGM	0.6	0.01
IKBKE 1.5 0.0213 EGR1 0.6 0.009 ITGAL 1.5 6.00E-04 RORC 0.6 0.0007 IFNA2 0.7 0.0372 KIT 0.6 9.00E-04 ITGA2B 0.7 0.0065 MME 0.5 0.0001 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 Image: Second	TNFSF8	1.6	4.00E-04	DEFB1	0.6	0.00005
ITGAL 1.5 6.00E-04 RORC 0.6 0.0007 IFNA2 0.7 0.0372 KIT 0.6 9.00E-04 ITGA2B 0.7 0.0065 MME 0.5 0.0001 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 - - -	CD44	1.5	0.0013	THY1	0.6	2.00E-04
IFNA2 0.7 0.0372 KIT 0.6 9.00E-04 ITGA2B 0.7 0.0065 MME 0.5 0.0001 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 Image: Second	ΙΚΒΚΕ	1.5	0.0213	EGR1	0.6	0.009
ITGA2B 0.7 0.0065 MME 0.5 0.0001 RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 - - -	ITGAL	1.5	6.00E-04	RORC	0.6	0.00007
RORC 0.6 6.00E-04 ZBTB16 0.5 0.03 MME 0.5 2.00E-04 -	IFNA2	0.7	0.0372	KIT	0.6	9.00E-04
MME 0.5 2.00E-04	ITGA2B	0.7	0.0065	MME	0.5	0.00001
	RORC	0.6	6.00E-04	ZBTB16	0.5	0.03
CR1 0.5 0	MME	0.5	2.00E-04			
	CR1	0.5	0			

Sup Table 2. Differentially Expressed Glomerular and Tubulointerstitial transcripts at LN

Flare vs Healthy Controls



Sup Figure 1: FcRγ colocalize with CD64, CD16 and CD14 in periglomerular region of kidney showing the presence of inflammatory dendritic cells. Three color confocal Immunofluorescence images of human Lupus Nephritis kidney showing colocalization of CD64(green) with FcRγ (Red) (Top row), CD16 (green) with FcRγ (red) (middle row) and with CD14 (green) with FcRγ (red) in the bottom row in the periglomerular region. The Column 3 shows merged images of the first two columns plus Differential interference contrast (DIC) microscopy and DAPI staining of nuclei (blue). PG, periglomerular region; G, Glomeruli.



Sup Figure 2: FcR γ expressing infDC doesn't express CD5. a. The top row portrays 3 color IF images that represents 2 Lupus nephritis kidney showing the expression of CD5 (green) and FcR γ (infDC marker in red). The third column shows the merged image of green and red. The fourth column shows the merged image in column 3 plus DIC and DAPI (blue) staining of the nuclei. The bottom row higher power images of the top row.



Sup Figure 3: CD11b is weakly expressed in infDC of human LN kidney a. The top row portrays 3 color IF images that represents 3 LN human kidneys showing presence of CD163 (infDC marker in green) with CD11b (red). The bottom row portrays the merged images of the top row in the right and merged images of the top row plus Differential interference contrast (DIC) microscopy and DAPI staining of nuclei (blue) in the left. PG, periglomerular region; G, Glomeruli.



Sup Figure 4: FcR γ expressing infDC and CD3 expressing T cells are sparsly present in the PG region of healthy human kidney. a. The top row portrays 3 color IF images that represents 3 healthy human kidneys showing presence of CD3 (Pan T cell marker in green) next to FcR γ (infDC marker in red). The bottom row portrays the merged images of the top row in the right and merged images of the top row plus Differential interference contrast (DIC) microscopy and DAPI staining of nuclei (blue) in the left. PG, periglomerular region; G, Glomeruli.