

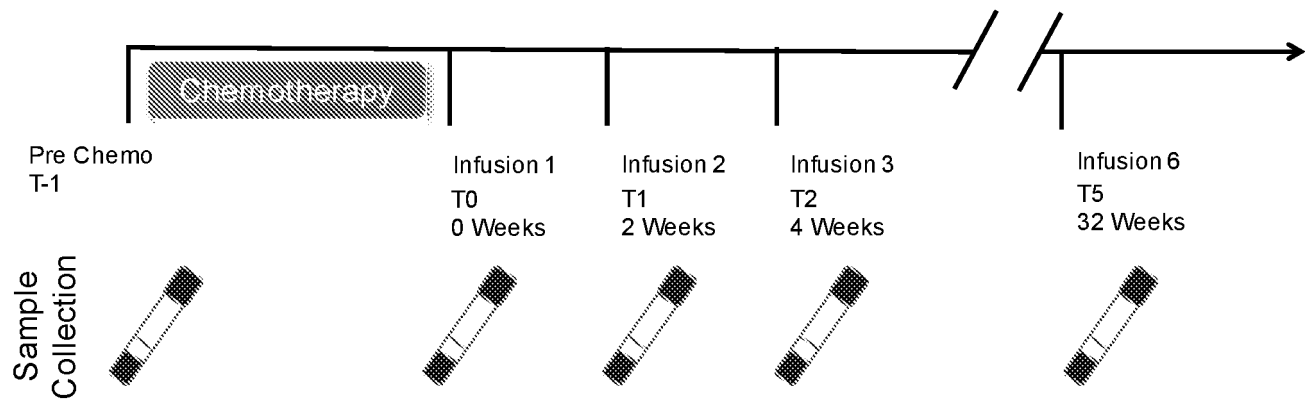


Figure 1

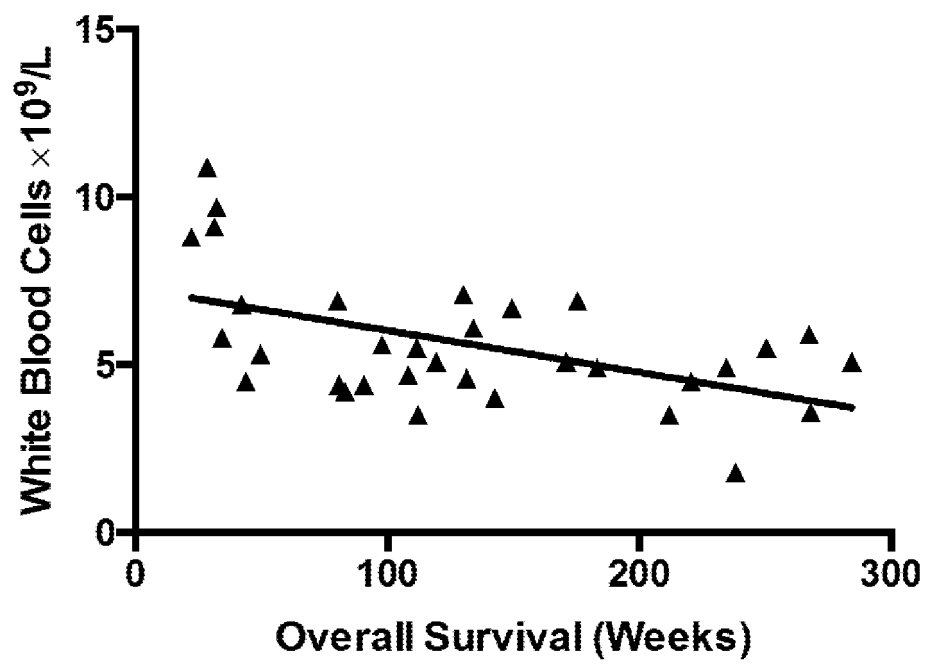


Figure 2A

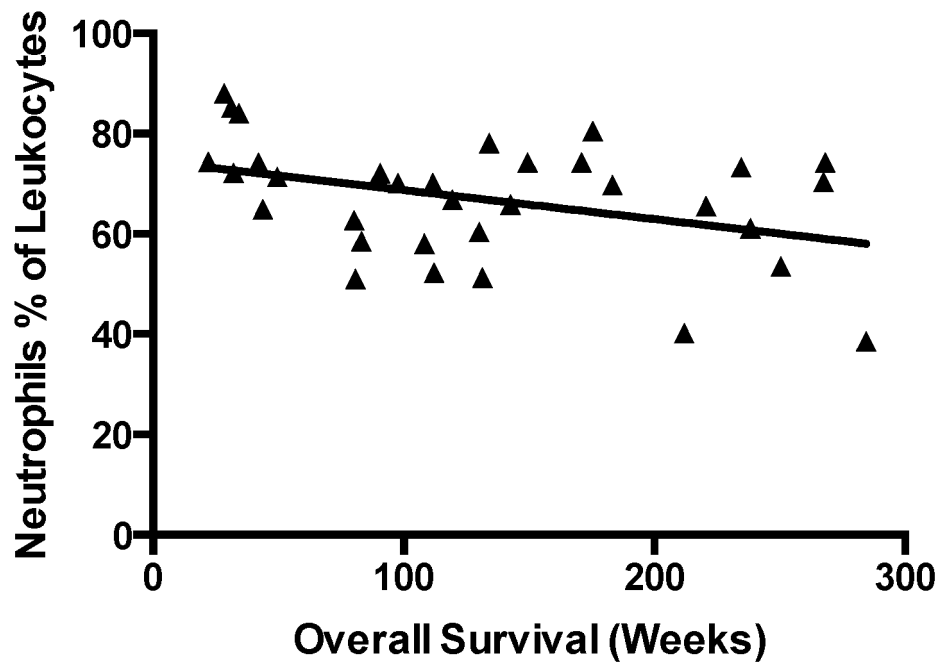


Figure 2B

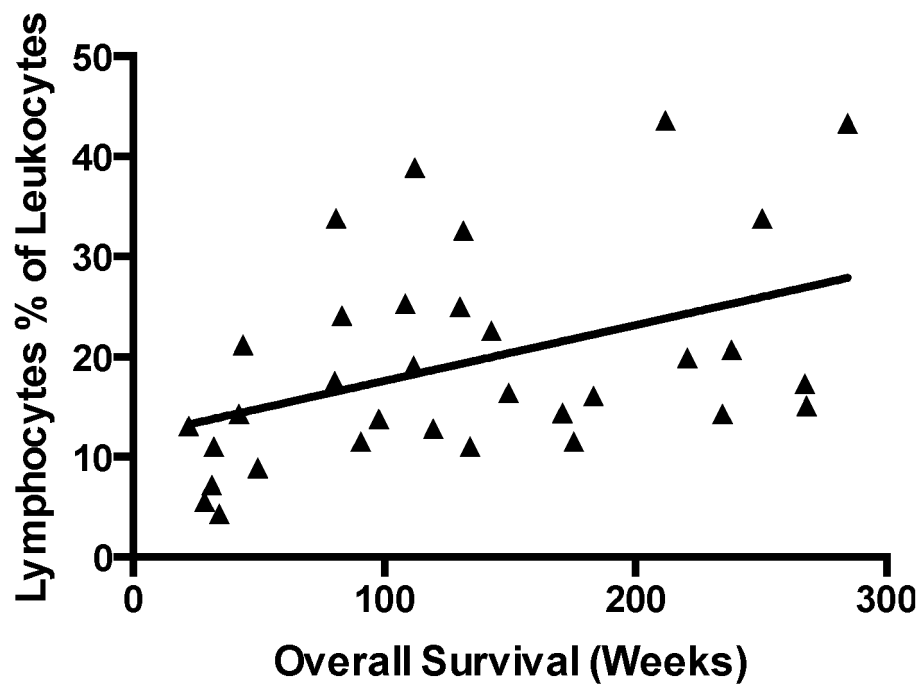


Figure 2C

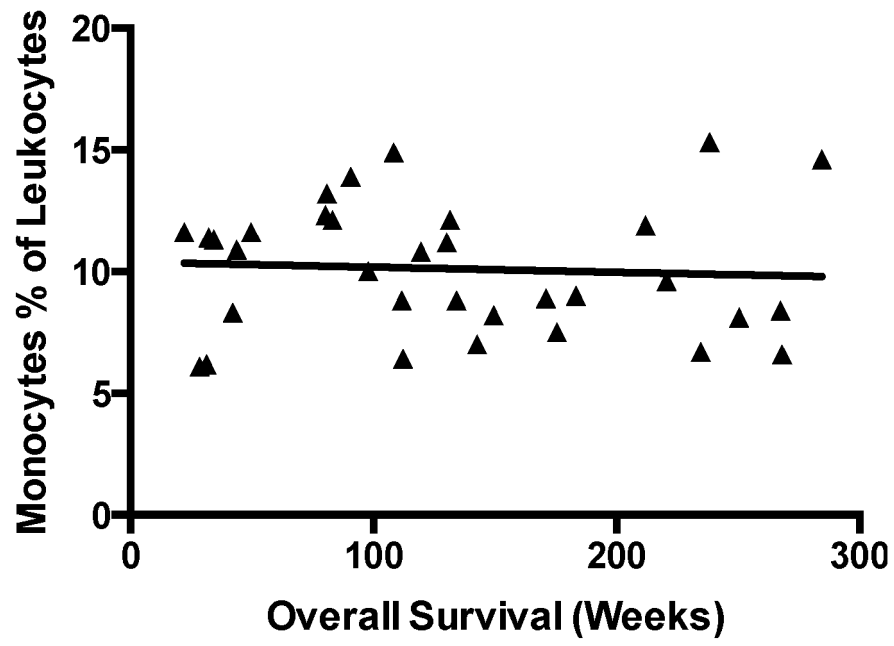


Figure 2D

Table 1

		T-1	T0	T1
WBC	Spearman r	-0.2263	-0.3247	-0.4367
	p-value	0.1981	0.061	0.0111
Neutrophils	Spearman r	-0.167	-0.1051	-0.3188
	p-value	0.3451	0.554	0.0706
Lymphocytes	Spearman r	0.2251	0.3299	0.456
	p-value	0.2006	0.0567	0.0076
Monocytes	Spearman r	0.02828	-0.1329	-0.105
	p-value	0.8739	0.4536	0.561

Figure 3

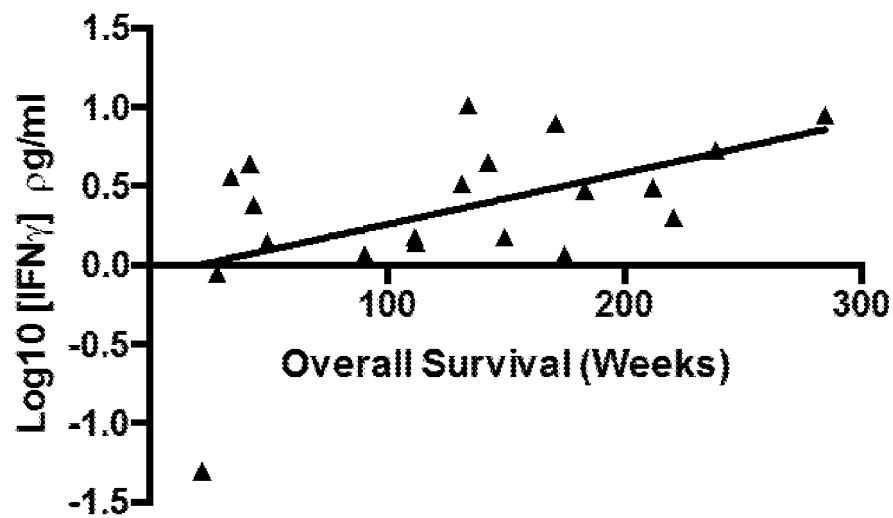


Figure 4A

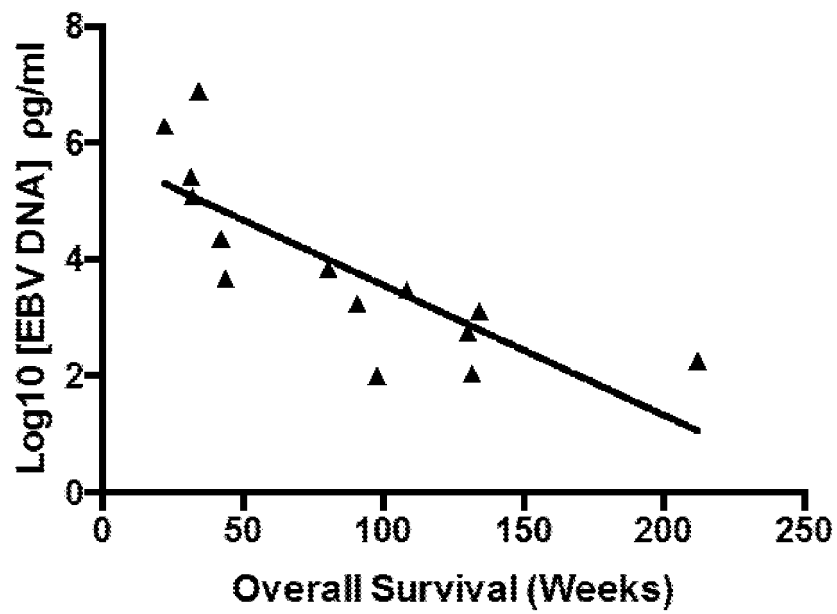


Figure 4B

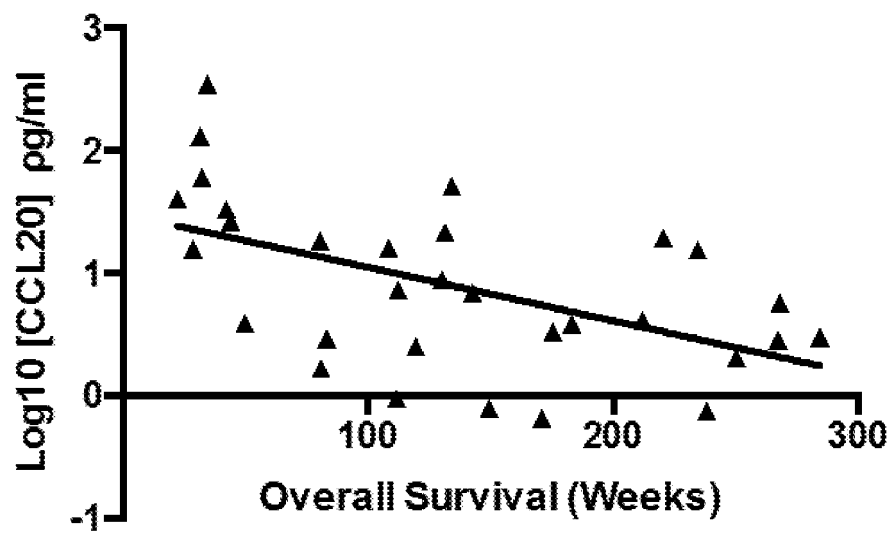


Figure 4C

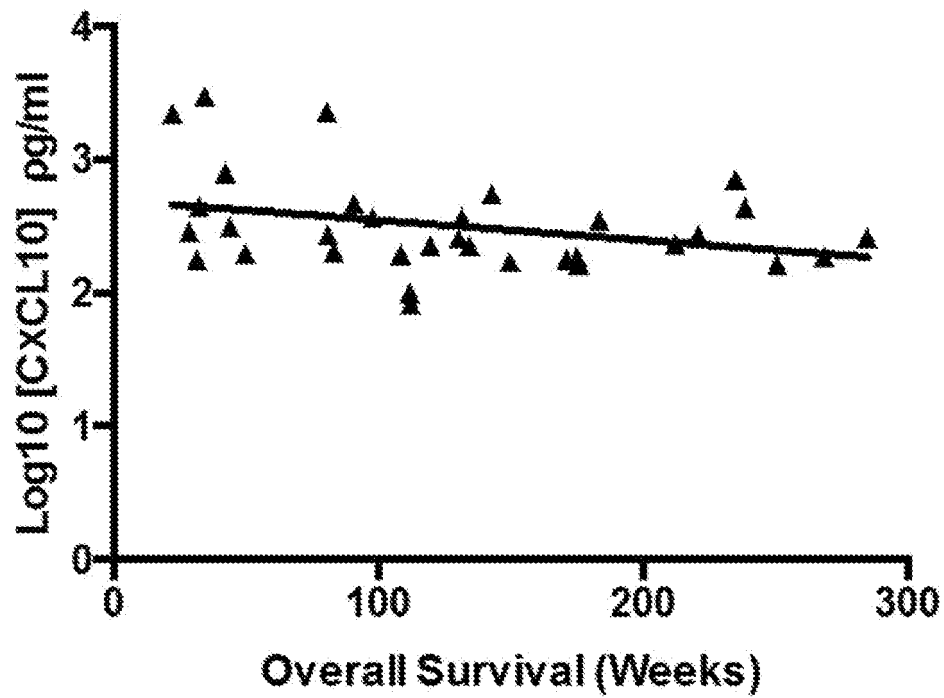


Figure 4D

Table 2

		T0	T1
IFNg	Spearman r	-0.04045	0.4637
	p-value	0.8511	0.0395
EBV DNA	Spearman r	-0.8818	-0.8725
	p-value	0.0007	0.0001
CCL20	Spearman r	-0.3951	-0.5472
	p-value	0.0339	0.0014
CXCL10	Spearman r	-0.2425	-0.3155
	p-value	0.1671	0.0737

Figure 5

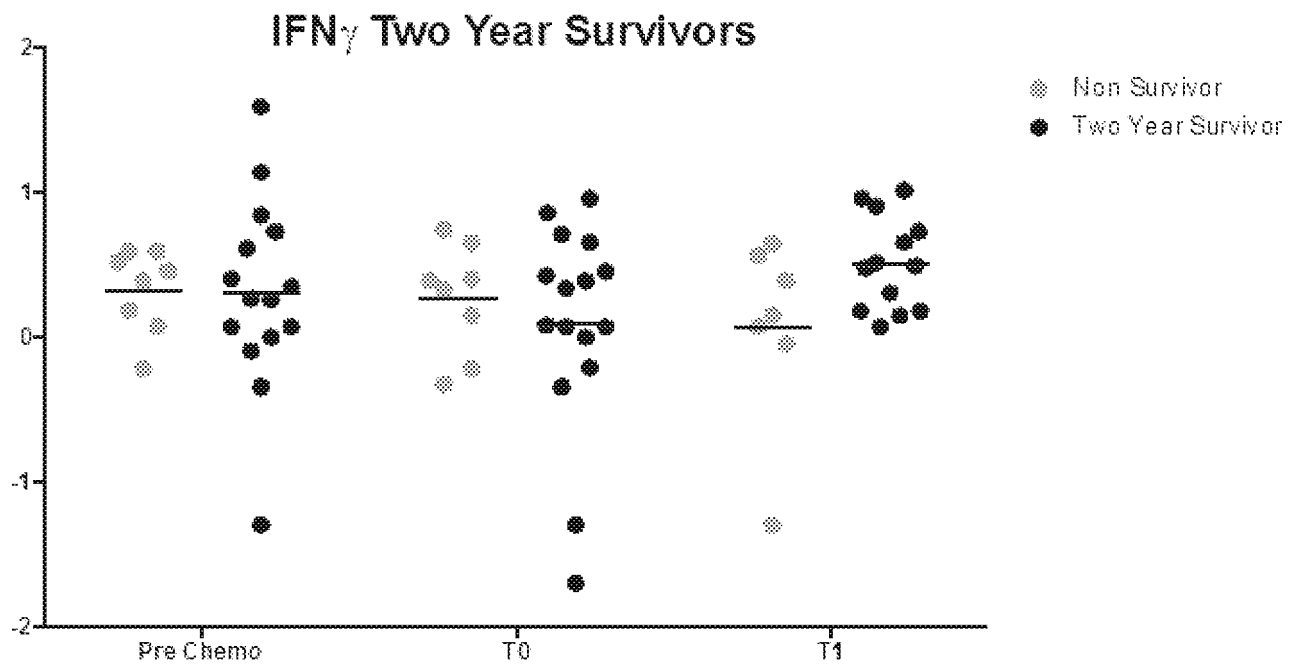


Figure 6A

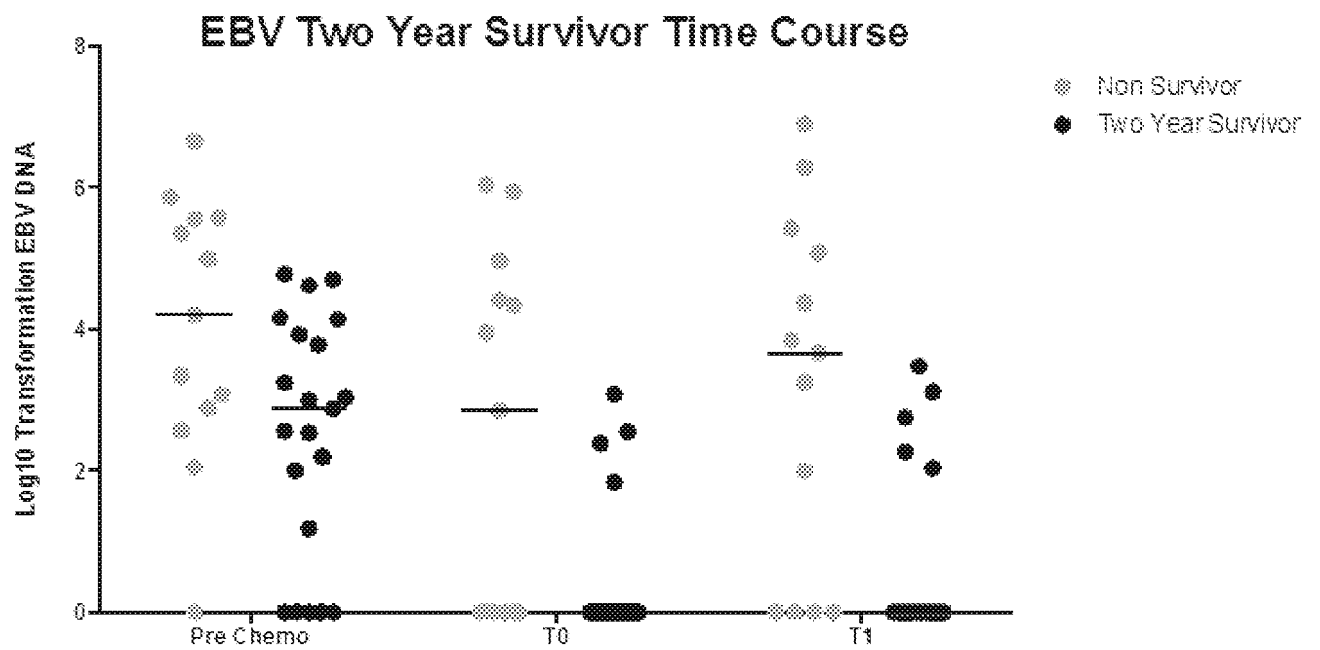


Figure 6B

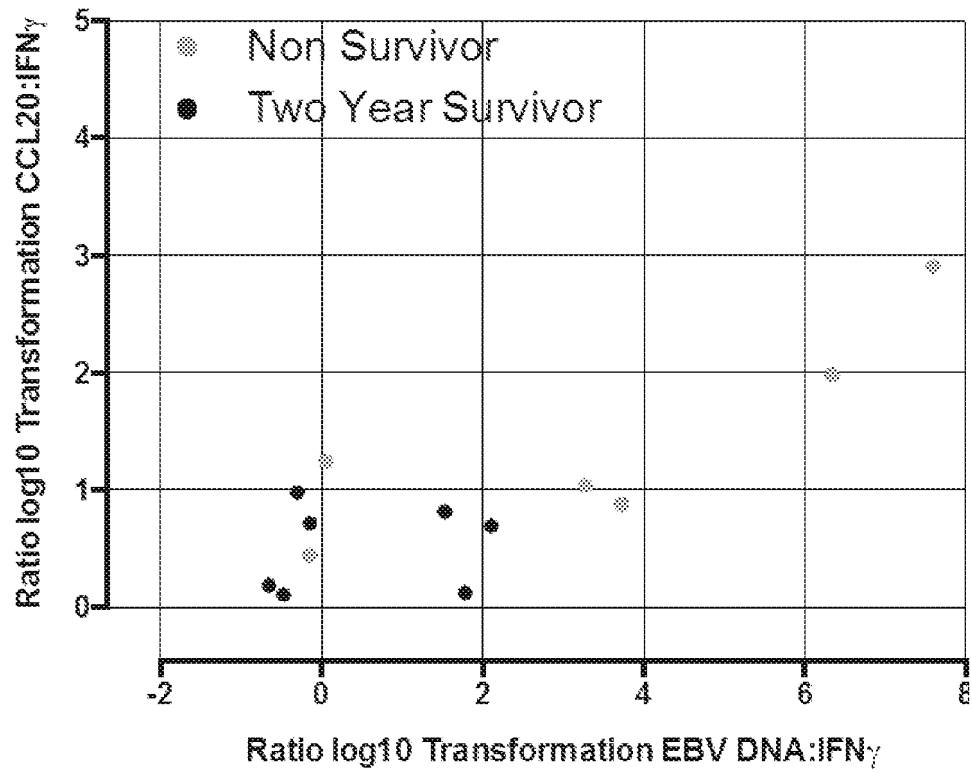


Figure 7A

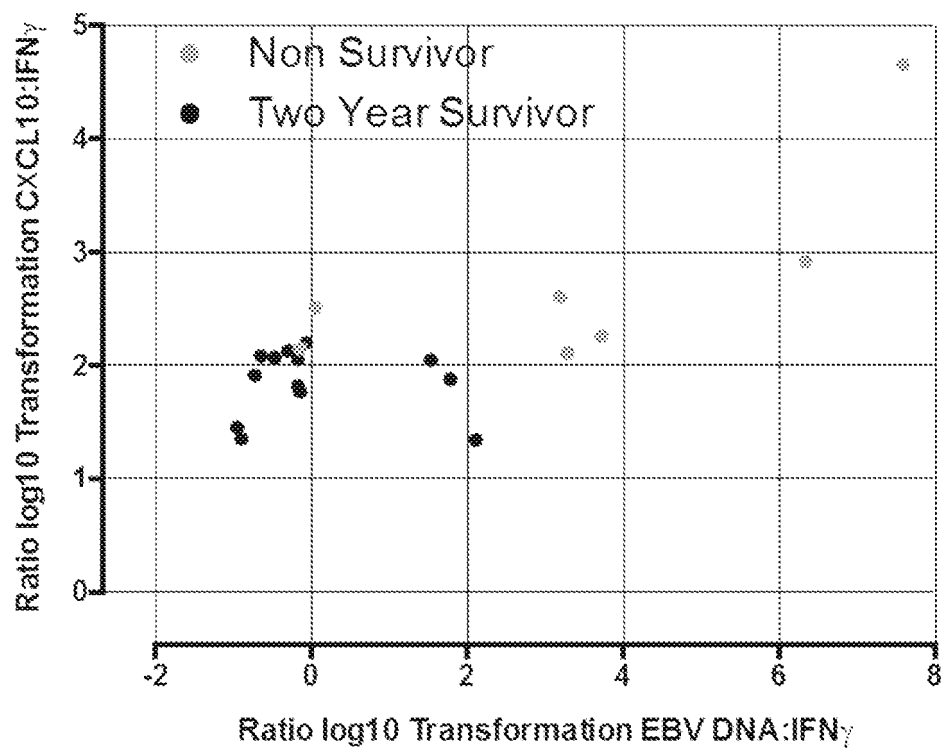


Figure 7B

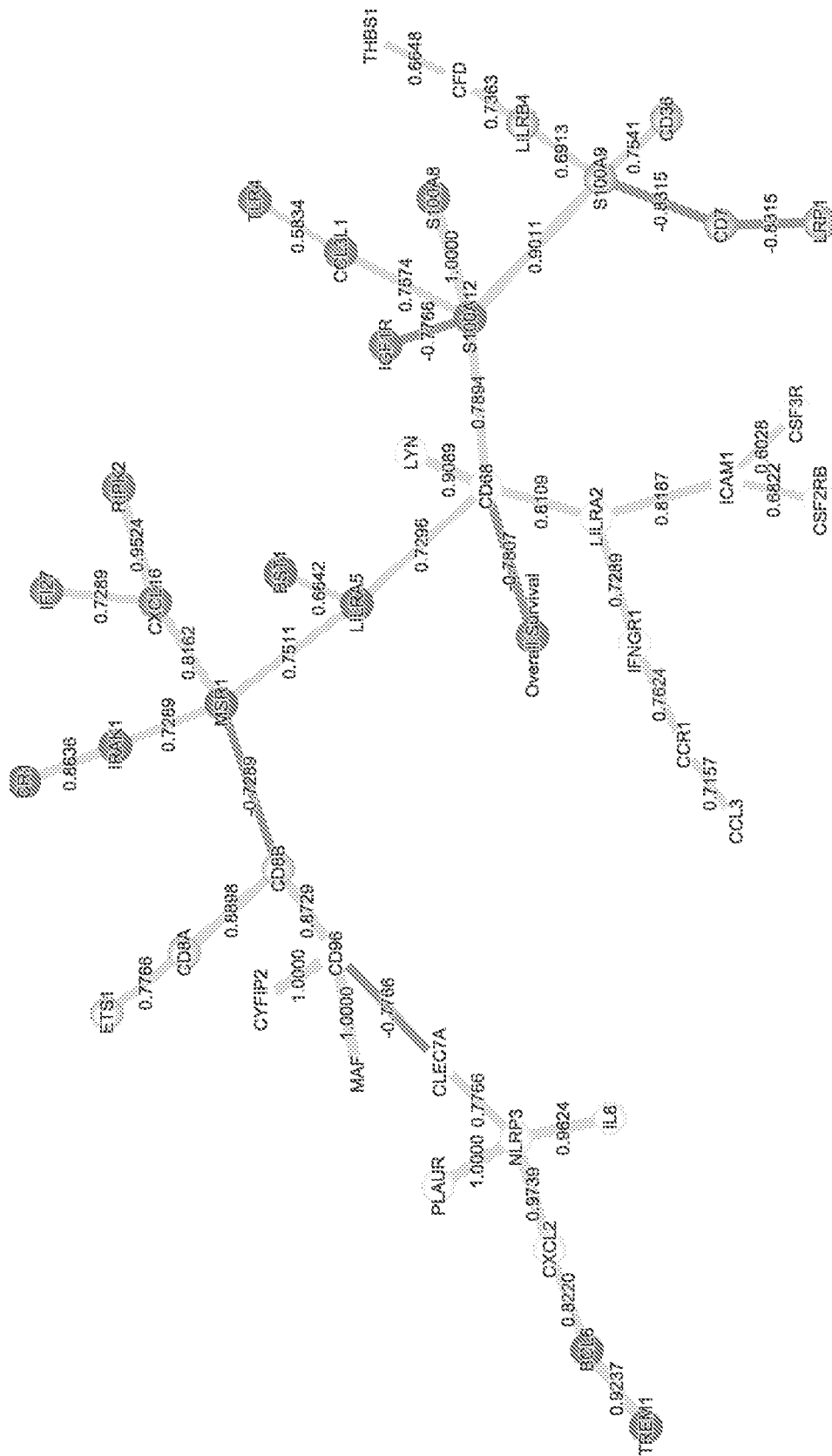


Figure 8

Table 3

Node	Comment	G-test	p-value	Node	Comment	G-test	p-value
CD68		25.6321	0.00%	RIPK2		14.9087	0.49%
LYN		18.9824	0.08%	CFD		6.8513	3.25%
S100A12		16.0967	0.03%	CCL3		9.4611	0.88%
S100A8		16.0967	0.03%	IRAK1		12.6548	0.18%
IL1RA5		19.5592	0.06%	CD8B		12.6548	0.18%
IL1RA2		12.6548	0.18%	CD8A		8.9097	1.16%
CCL3L1		13.1642	1.05%	CR1		17.7032	0.14%
S100A9		12.4488	0.20%	CD96		9.6182	0.82%
ICAM1		13.4633	0.92%	CYFIP2		9.6182	0.82%
IGF1R		9.6182	0.82%	MAF		9.6182	0.82%
CD7		11.1156	0.39%	IFI27		12.6548	0.18%
IL1R84		21.4721	0.03%	CSF3R		4.2733	11.81%
CD36		16.1435	0.28%	THBS1		11.6529	0.29%
BST1		13.3248	0.98%	ETS1		4.2473	11.96%
IFNGR1		7.8656	1.96%	CLEC7A		16.0967	0.03%
TLR4		8.6354	7.09%	CXCL2		11.7112	1.96%
LRP1		12.4488	0.20%	IL8		16.8312	0.21%
MSR1		15.5298	0.04%	PLAUR		9.6182	0.82%
CCR1		15.4178	0.39%	NLRP3		9.6182	0.82%
CSF2RB		12.3965	0.20%	TREM1		20.2311	0.05%
CXCL16		15.5298	0.04%	BCL6		8.9097	1.16%

Figure 9

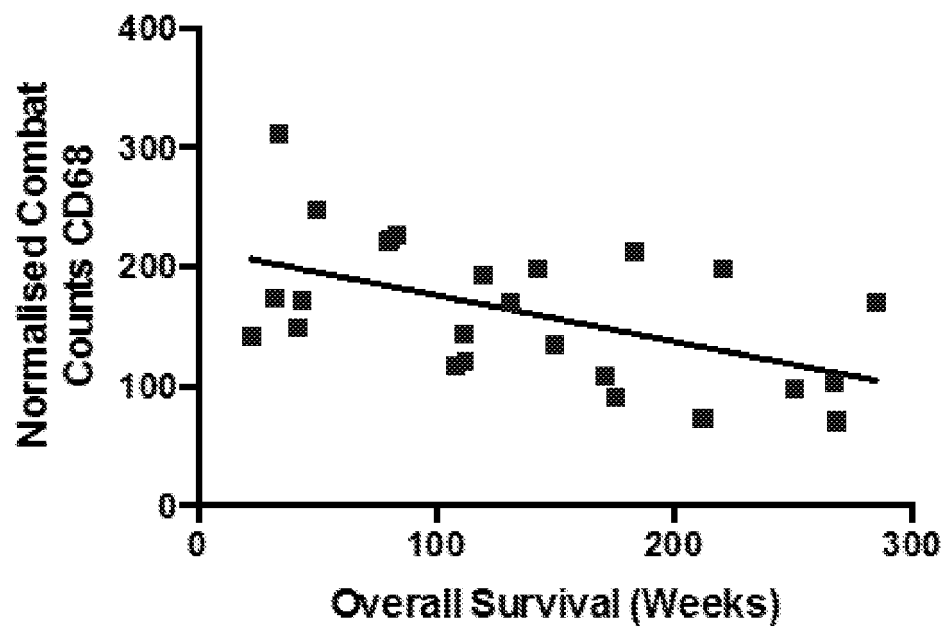


Figure 10A

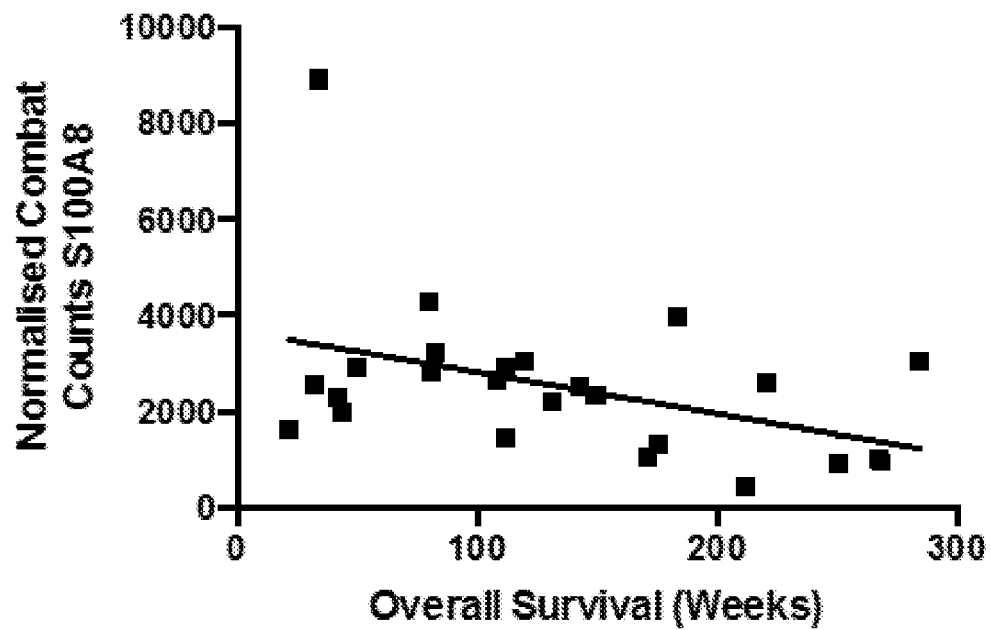


Figure 10B

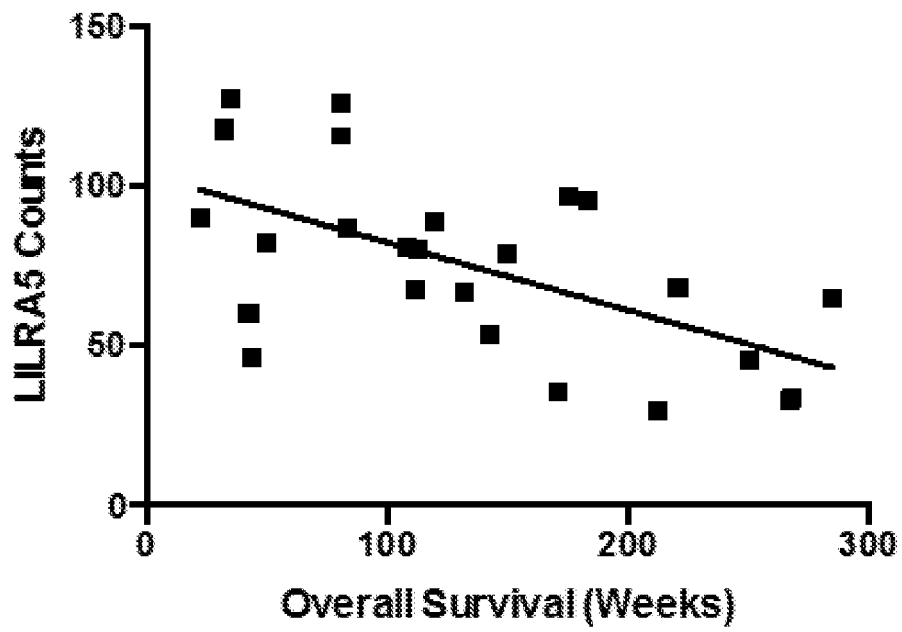


Figure 10C

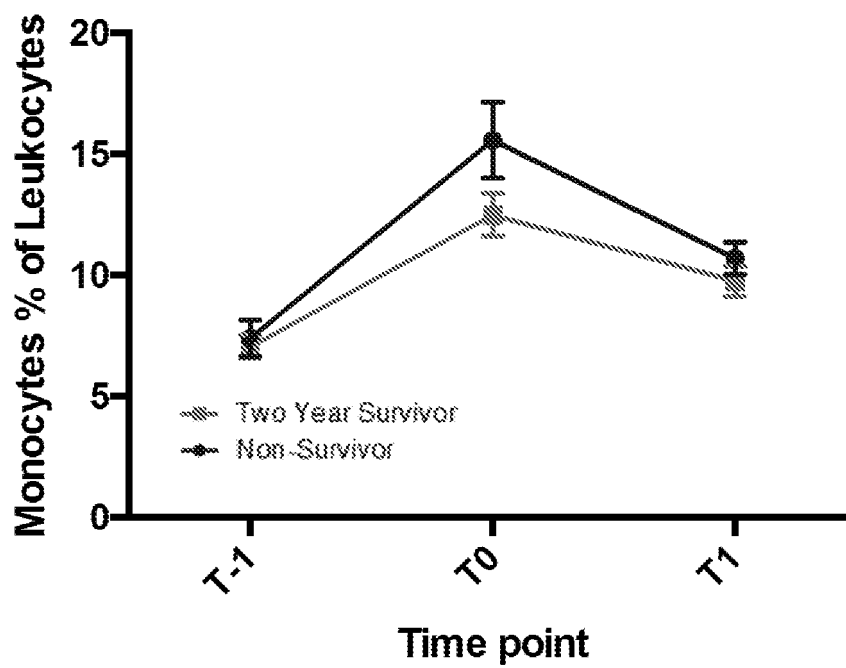


Figure 11A

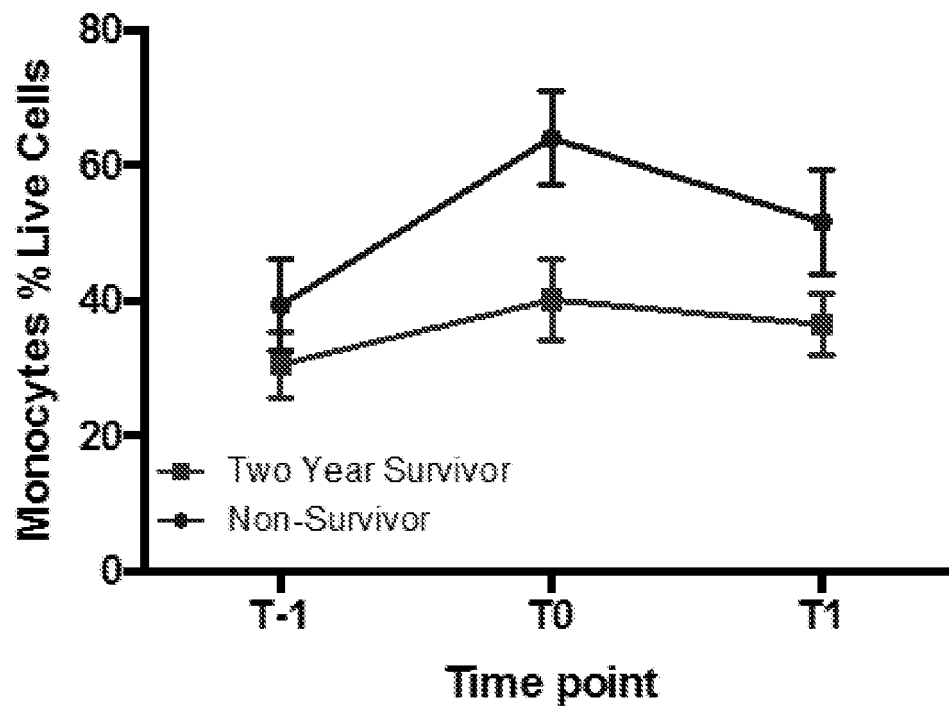


Figure 11B

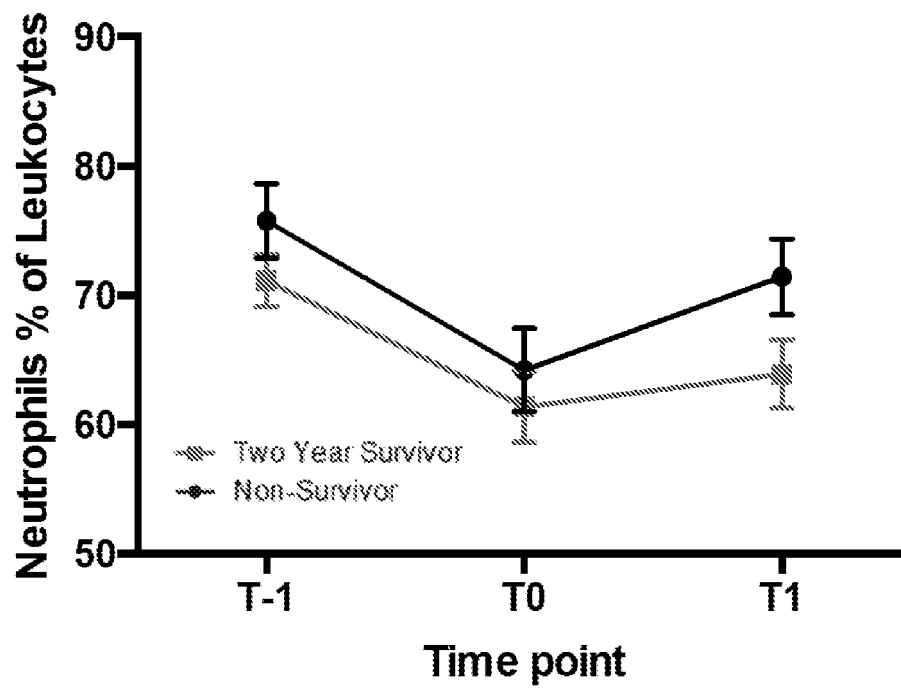


Figure 12A

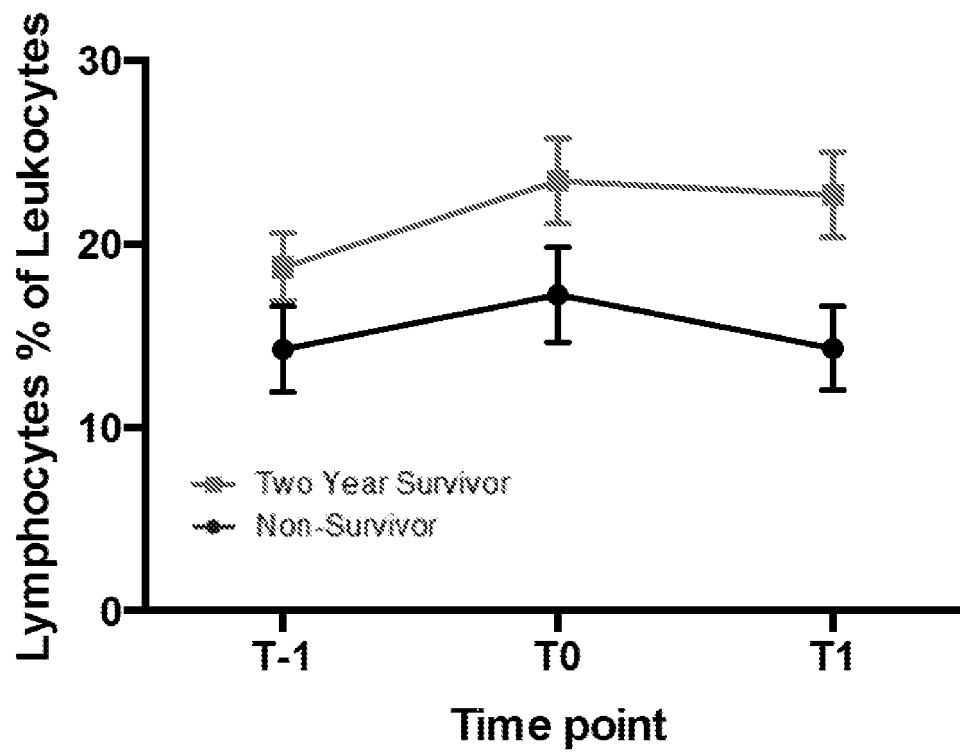
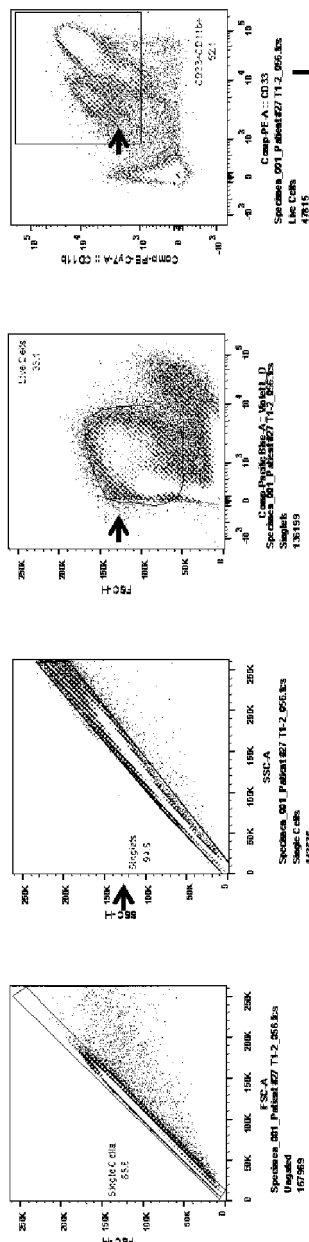
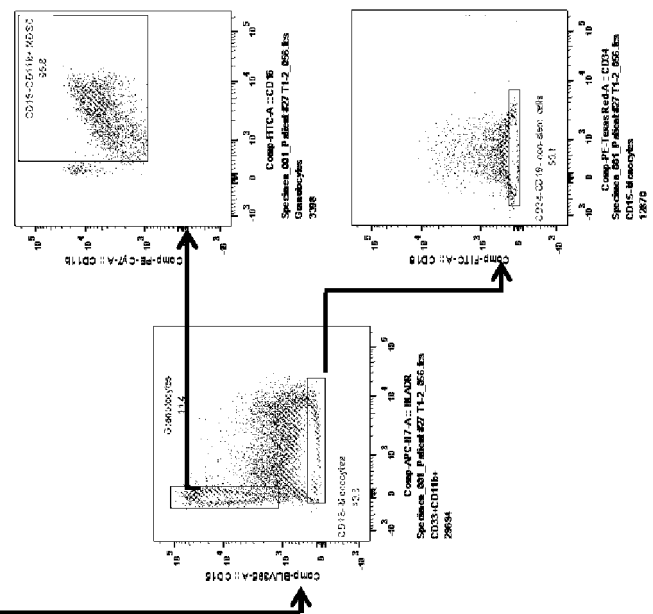


Figure 12B



MDSC Gating Strategy

- ❖ CD33+CD11b+CD16+HLADR-CD15+
- ❖ CD33+CD11b+CD16-
HLADR-CD15-CD14-
- ❖ CD33+CD11b+CD16-
HLADR^{low}CD15-CD14+



Sample 1, Patient 627 T1-2_856.Bx
CD14-CD15-
HLADR-
CD33+

Figure 13

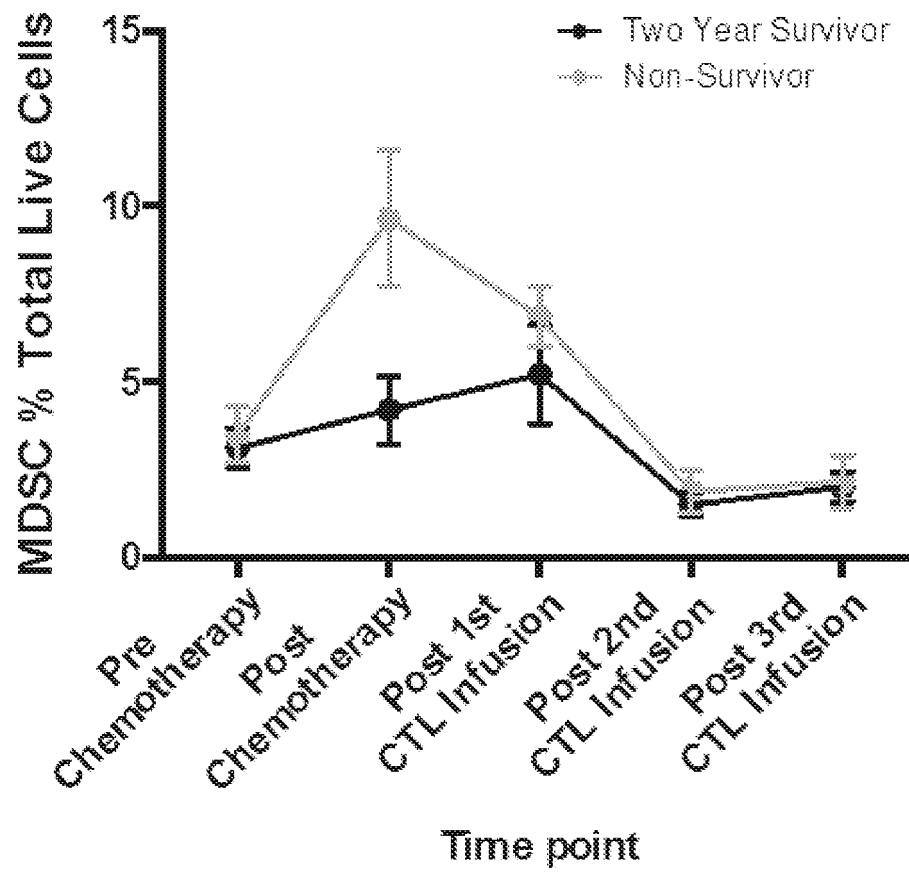


Figure 14A

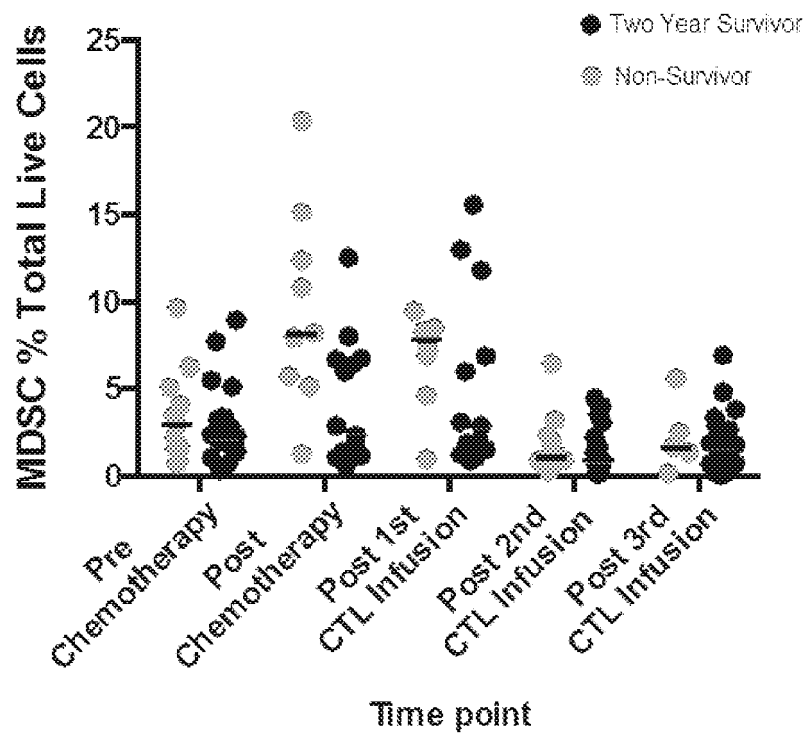


Figure 14B

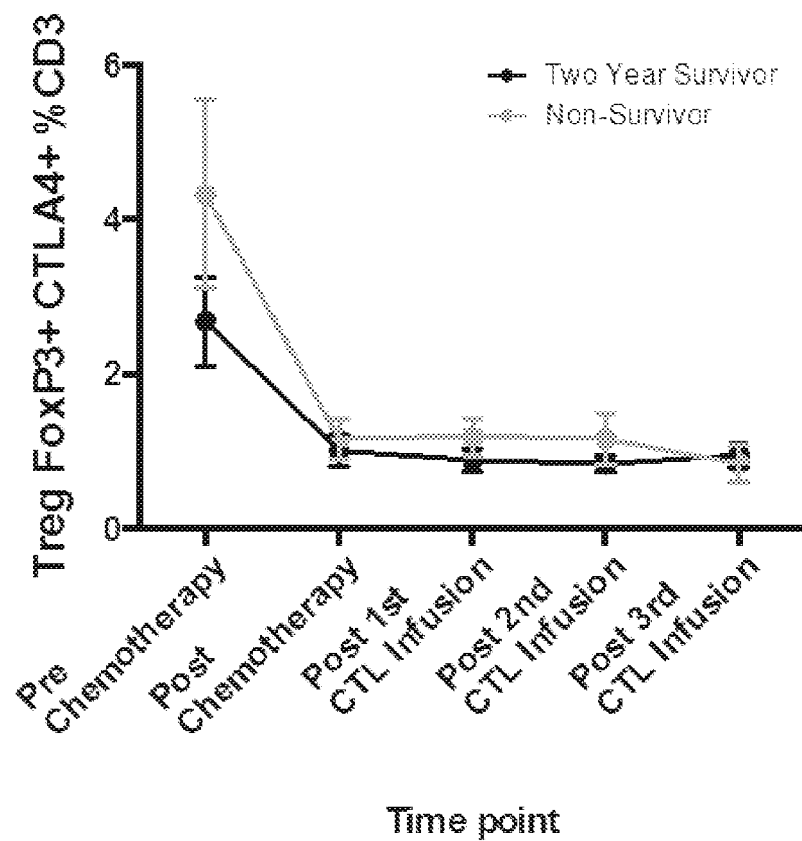


Figure 15

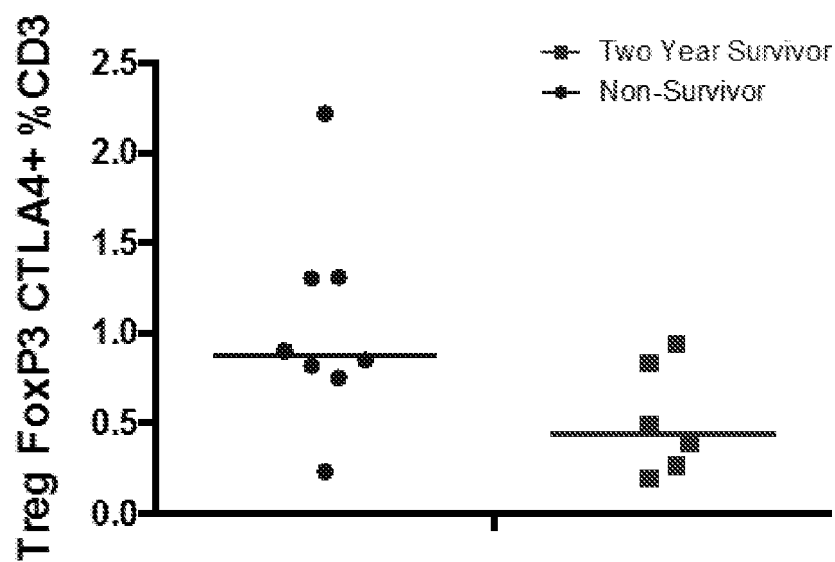


Figure 16A

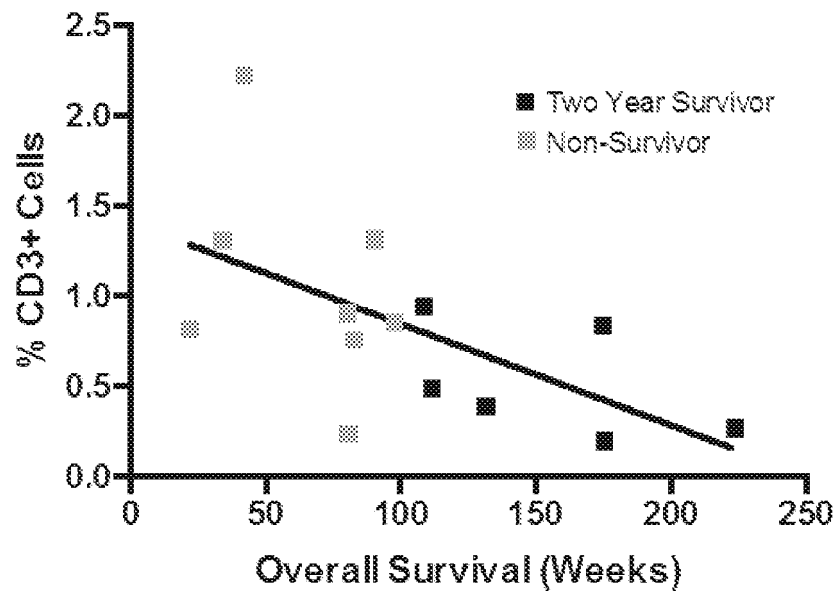


Figure 16B

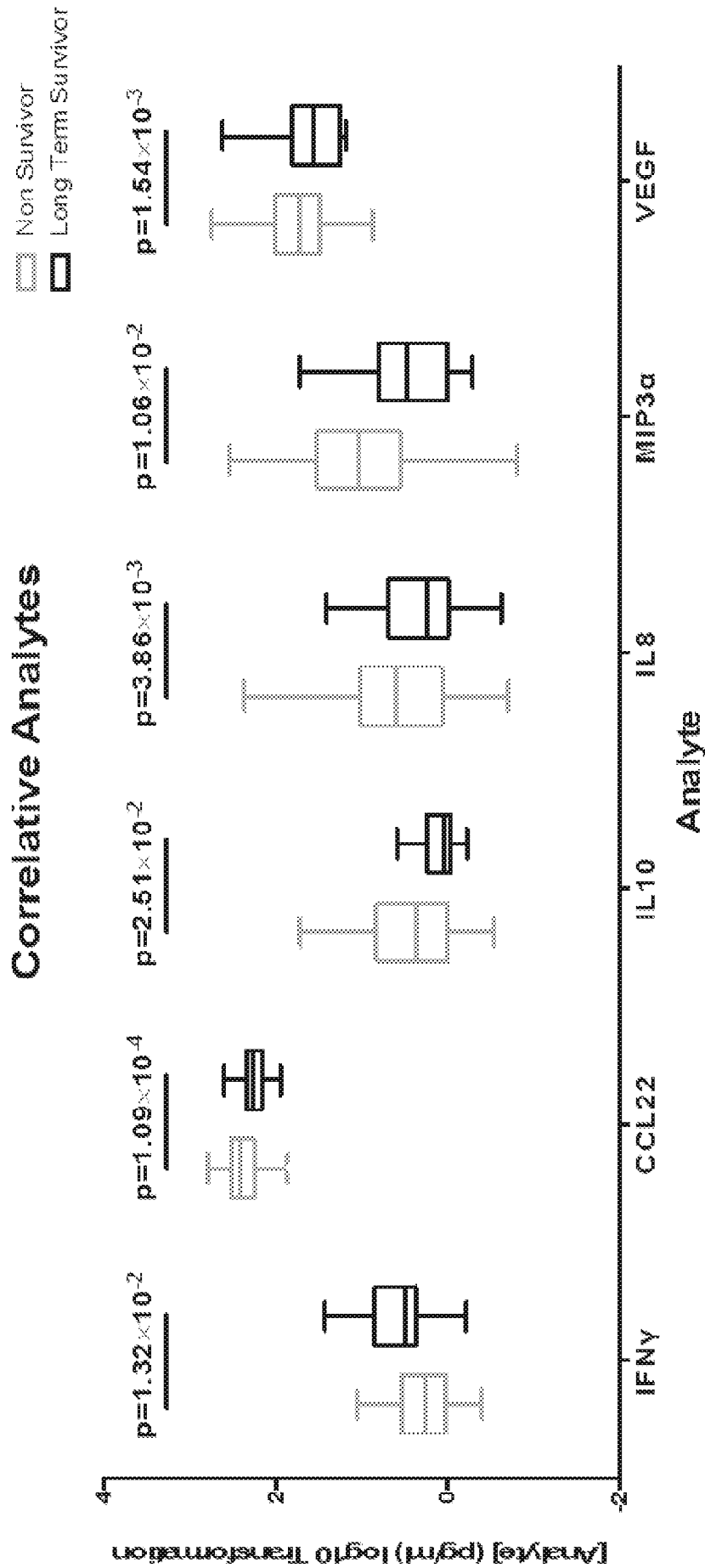


Figure 17

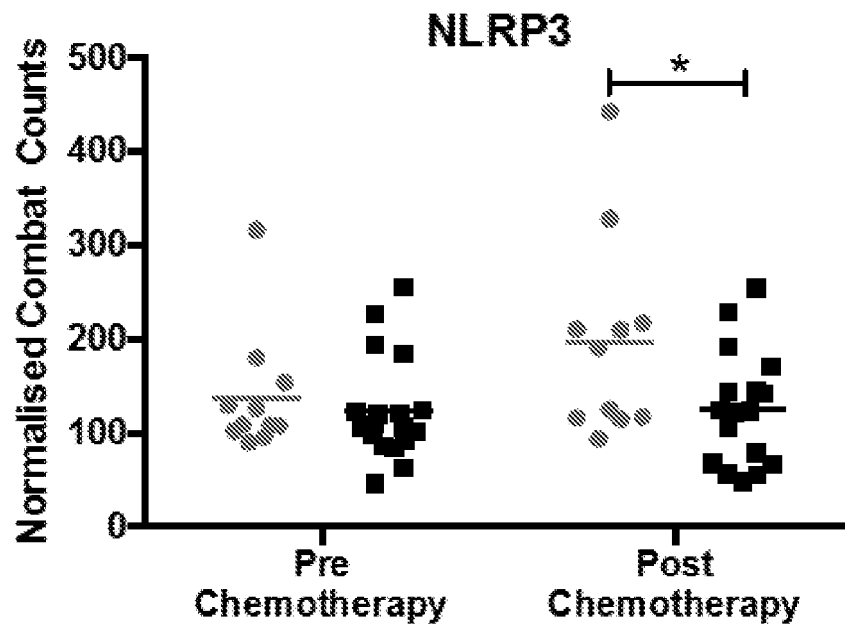


Figure 18A

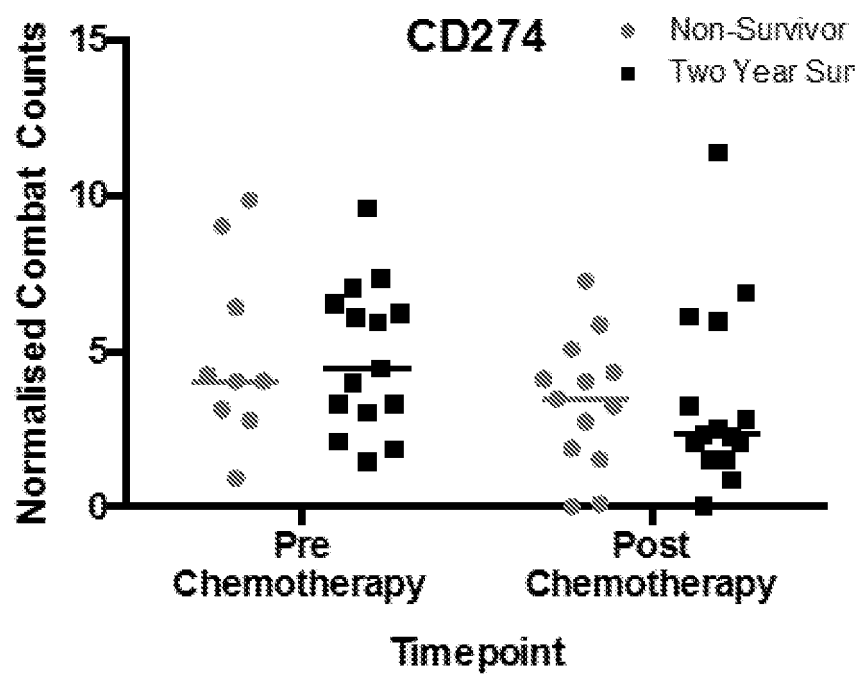


Figure 18B

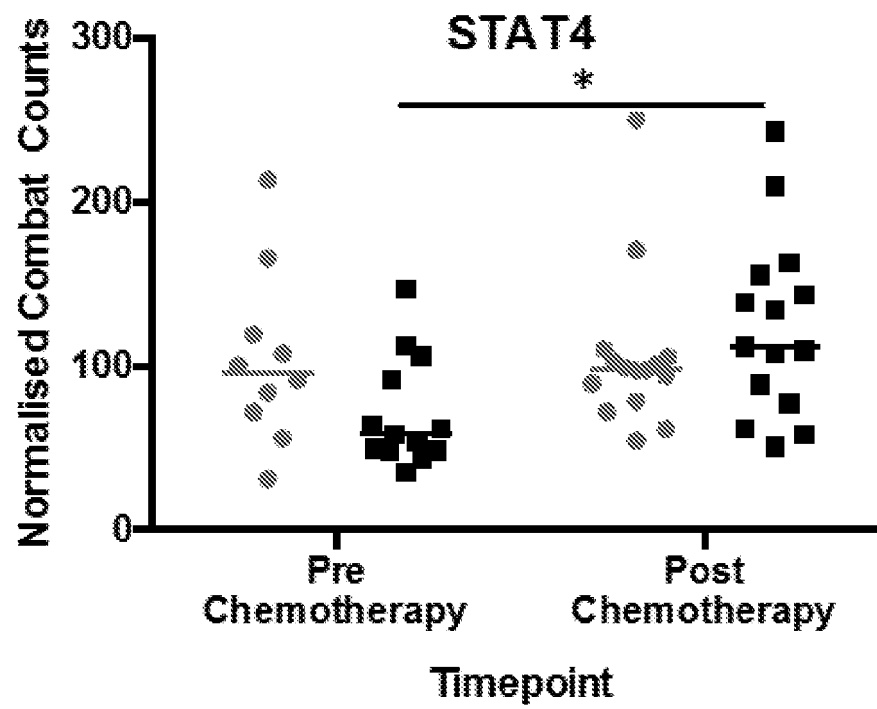


Figure 18C

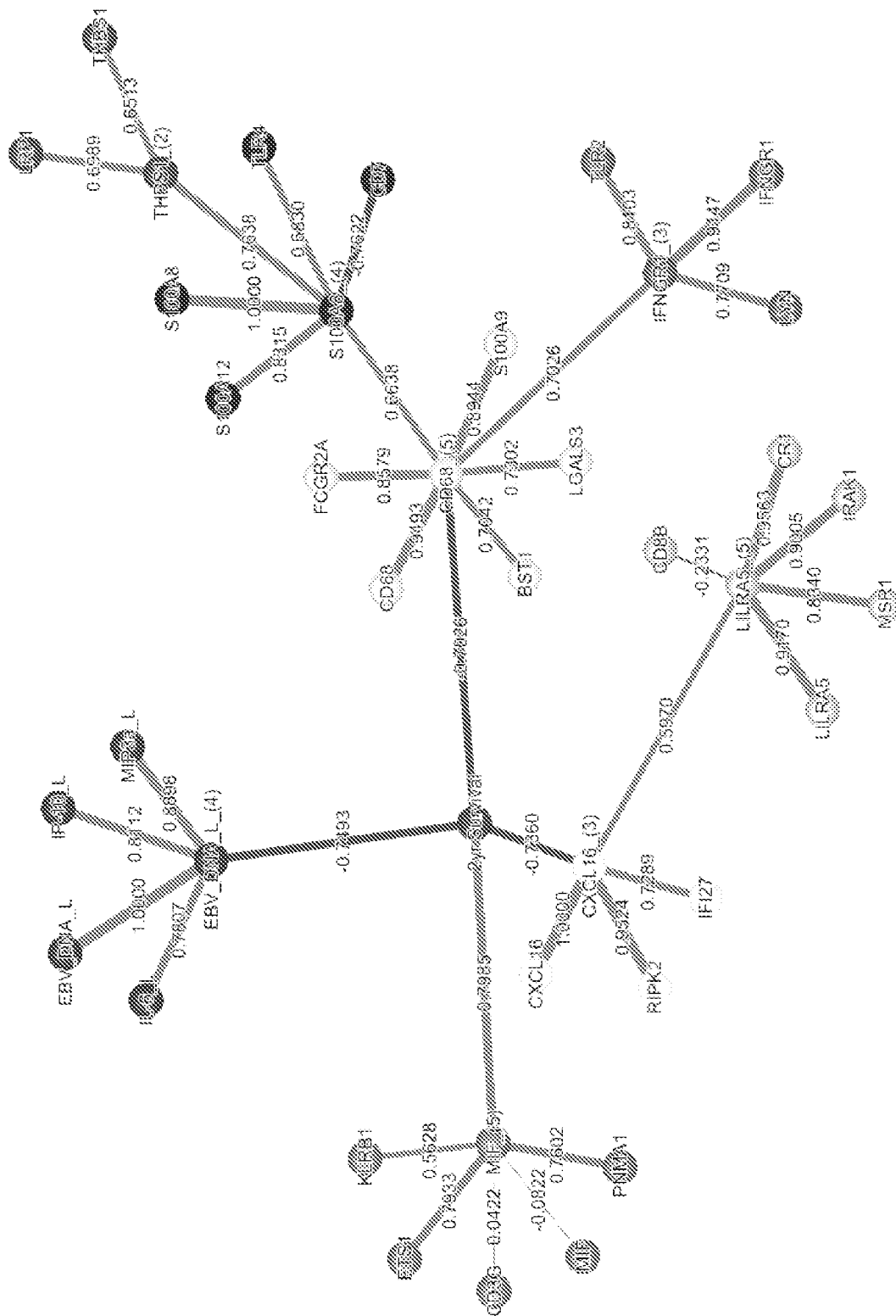


Figure 19

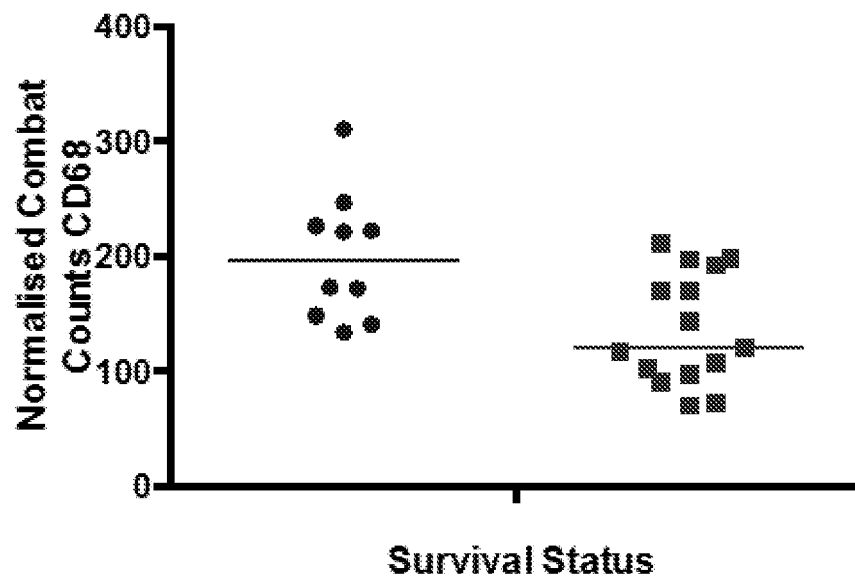


Figure 20A

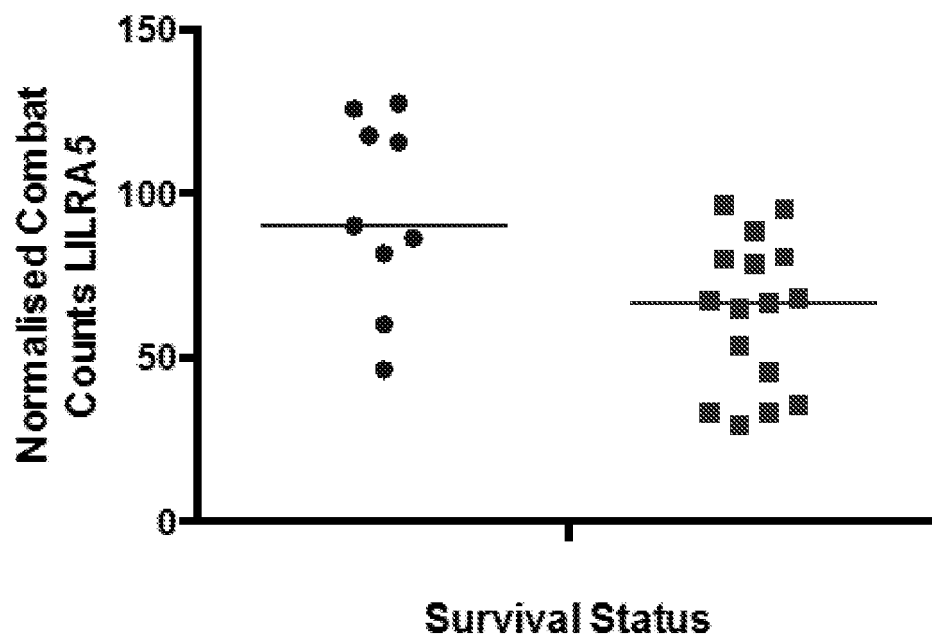


Figure 20B

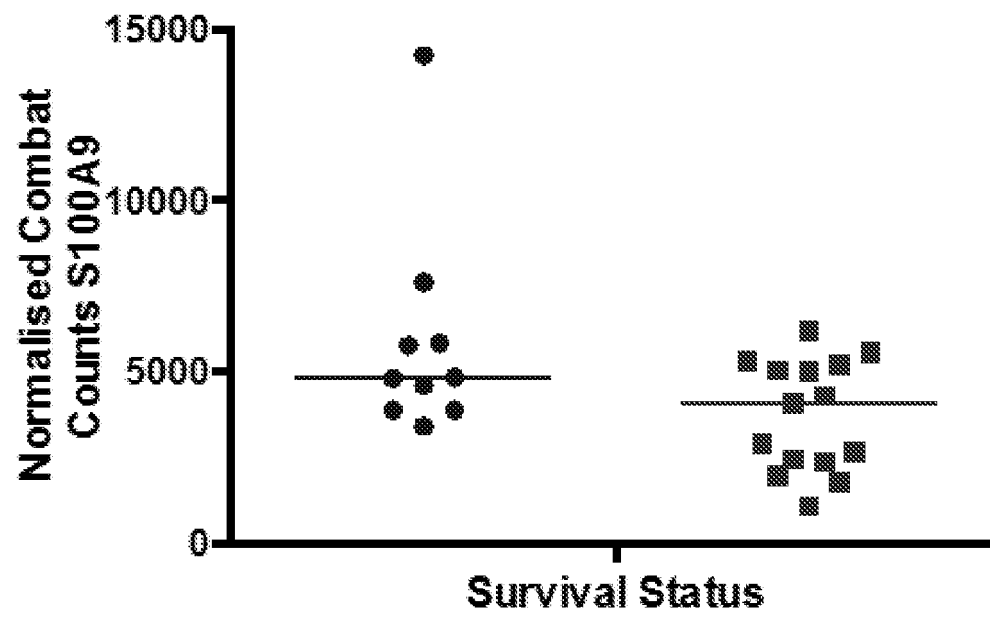


Figure 20C

Table 4

Node	Comment	G-test (Data)	Degrees of Freedom (Data)	p-value (Data)	Node	Comment	G-test (Data)	Degrees of Freedom (Data)	p-value (Data)
[Factor 0]	MIF_(5)	20.113	2	1.00E-06	[Factor 10]	S100A8_(4)	7.7176	1	5.50E-03
MIF		20.113	2	1.00E-06	S100A8		7.7176	1	5.50E-03
[Factor 4]	CD68_(5)	16.3703	2	3.00E-04	[Factor 27]		12.6548	1	4.00E-04
[Factor 5]	EBV_DNA_L_(4)	16.0967	1	1.00E-04	KLRB1		9.0687	2	1.07E-02
EBV_DNA_L		16.0967	1	1.00E-04	ETS1		6.889	1	8.70E-03
CXCL16		14.3274	1	2.00E-04	LILRA5		12.5729	2	1.90E-03
[Factor 16]	CXCL16_(3)	14.3274	1	2.00E-04	BST1		5.7712	2	5.58E-02
CD68		18.2503	2	1.00E-04	[Factor 21]	IFNGR1_(3)	11.0796	1	9.00E-04
RIPK2		12.1	2	2.40E-03	CD8B		20.6909	2	0.00E+00
CD3G		12.6548	2	1.80E-03	IFNGR1		7.8296	1	5.10E-03
MIP3a_L		12.6548	1	4.00E-04	LYN		9.0508	2	1.08E-02
S100A9		10.3436	2	5.70E-03	TLR2		7.7292	2	2.10E-02
IP-10_L		12.5729	2	1.90E-03	S100A12		4.2112	1	4.02E-02
[Factor 1]	LILRA5_(5)	15.8571	2	4.00E-04	CD7		5.2935	2	7.09E-02
FCGR2A		6.9438	2	3.11E-02	IRAK1		12.6548	1	4.00E-04
MSR1		14.3274	1	2.00E-04	[Factor 26]	THBS1_(2)	12.4806	1	4.00E-04
LGALS3		9.1628	1	2.50E-03	THBS1		18.2503	2	1.00E-04
PNMA1		8.0563	2	1.78E-02	TLR4		6.8957	2	3.18E-02
IL-6_L		7.7074	1	5.50E-03	IRP1		10.6121	2	5.00E-03
					CR1		9.6182	1	1.90E-03

Figure 21

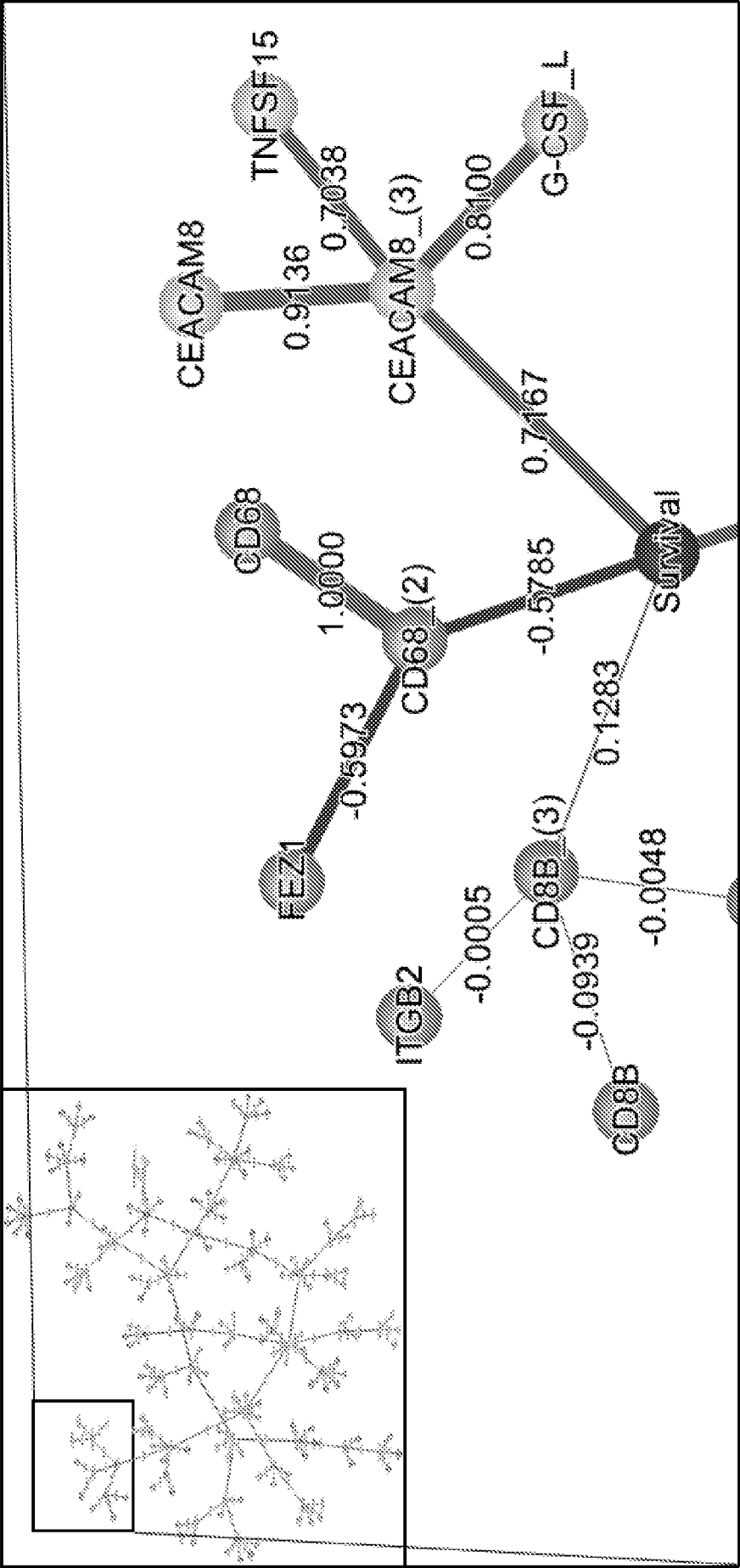


Figure 22

Table 5

Node	Comment	Degrees of Freedom (Data)		Node	Comment	G-test (Data)	Degrees of Freedom (Data)		G-test (Data)	Degrees of Freedom (Data)	p-value (Data)
		G-test (Data)	p-value (Data)				G-test (Data)	p-value (Data)			
[Factor 21]	CEACAM8_(3)	17.0702	1	FEZ1			8.7242	2			1.28E-02
[Factor 32]	CD8B_(3)	15.3658	2	LTB			10.1333	2			6.30E-03
[Factor 30]	TCF7_(3)	13.9383	1	IFITM1			4.1626	2			1.25E-01
CEACAM8		11.4761	1	NFATC3			8.429	1			3.70E-03
CD8B		11.9131	2	CD96			9.4495	2			8.90E-03
CD8A		12.5173	2	[Factor 15]	ITK_(4)		9.692	1			1.90E-03
CD28		11.1181	1	ITK			9.692	1			1.90E-03
CD68		11.1181	1	LCK			6.8478	2			3.26E-02
[Factor 43]	CD68_(2)	11.1181	1	IL7R			14.7743	1			1.00E-04
TCF7		8.7262	1	LRRN3			12.8737	2			1.60E-03
G-CSF_L		8.7262	1	[Factor 1]	CD5_(5)		10.0575	3			1.81E-02
CXCR3		6.781	2	[Factor 33]	IL2RG_(3)		9.6147	2			8.20E-03
TNFSF15		6.3319	1	KLRB1			6.2338	1			1.25E-02
[Factor 3]	ETS1_(5)	11.7656	2	[Factor 20]	IL16_(4)		6.2359	2			4.42E-02
ITGB2		4.4714	2	ITGA6			2.8375	2			2.42E-01
ETS1		11.2922	1	CD3E			6.5831	2			3.72E-02
[Factor 57]	JAK3_(2)	4.2493	1	CD5			6.2623	2			4.37E-02
JAK3		7.1161	2	IL21R			6.4683	2			3.94E-02
CCR7		4.7404	2	FLT3LG			6.6811	2			3.54E-02
[Factor 50]	CCR7_(2)	4.5497	1	[Factor 36]	FLT3LG_(3)		6.0297	1			1.41E-02

Figure 23