Supplemental Table 1. Correlation between body composition and cytokines

Cytokine	Amount of VAT	Amount of SAT	V/S ratio
Variables			
CXCL12			
SCC	0.11	0.20	-0.07
*P***	0.588	0.329	0.718
Number of observations	27	27	27
IL-1b			
SCC	0.17	0.24	−0.05
*P***	0.403	0.221	0.8122
Number of observations	27	27	27
IL-6			
SCC	−0.09	−0.13	−0.09
*P***	0.641	0.503	0.660
Number of observations	27	27	27
TNF-α			
SCC	0.10	0.15	−0.04
*P***	0.617	0.463	0.862
Number of observations	27	27	27
MIP-1α			
SCC	0.13	0.28	−0.02
*P***	0.527	0.159	0.921
Number of observations	27	27	27
MIP-1β			
SCC	−0.23	−0.13	−0.25
*P***	0.253	0.524	0.214
Number of observations	27	27	27
M-CSF			
SCC	0.25	0.48	−0.13
*P***	0.208	0.010	0.522
Number of observations	27	27	27

*P was based on the Spearman correlation test.

Supplemental Table 2. Correlation between CAML profiles and the expression of cytokines

Cytokine		Number of CAMLs	Average size of CAMLs	Maximum size of CAMLs
CXCL12	SCC	−0.22	−0.15	−0.16
	P	0.25	0.49	0.45
	Number of observations	28	24	24
IL-1b	SCC	−0.11	0.05	0.07
	P	0.57	0.80	0.75
	Number of observations	28	24	24
IL-6	SCC	0.10	0.28	0.32
	P	0.60	0.19	0.13
	Number of observations	28	24	24
TNF-α	SCC	0.11	−0.01	0.06
	P	0.58	0.97	0.79
	Number of observations	28	24	24
MIP-1α	SCC	0.01	−0.06	0.00
	P	0.95	0.77	0.99
	Number of observations	28	24	24
MIP-1β	SCC	0.13	0.20	0.22
	P	0.50	0.34	0.29
	Number of observations	28	24	24
M-CSF	SCC	0.02	0.38	0.32
	P	0.92	0.06	0.12
	Number of observations	28	24	24

Supplemental Table 3. Correlation between CXCR4 expression and cytokines

	Variables	
Cytokine	**Average CXCR4 expression on CAMLs**	**Maximum CXCR4 expression on CAMLs**
CXCL12		
SCC	−0.03756	−0.19427
P	0.8649	0.3744
Number of observations	23	23
IL-1b		
SCC	0.32756	0.31774
P	0.1271	0.1396
Number of observations	23	23
IL-6		
SCC	−0.03882	0.09161
P	0.8604	0.6776
Number of observations	23	23
TNF-α		
SCC	0.16753	0.03559
P	0.4448	0.8719
Number of observations	23	23
MIP-1α		
SCC	0.59333	0.35336
P	0.0028	0.0981
Number of observations	23	23
MIP-1β		
SCC	−0.02174	−0.06425
P	0.9216	0.7709
Number of observations	23	23
M-CSF		
SCC	0.07609	−0.02273
P	0.7301	0.918
Number of observations	23	23

Abbreviations: CAML, cancer-associated macrophage-like cell; CXCL12, C-X-C motif chemokine ligand 12; CXCR4, C-X-C chemokine receptor type 4IL, interleukin; M-CSF, macrophage-colony stimulating factor; MIP, macrophage inflammatory protein; SCC, Spearman correlation coefficient; TNF-α, tissue necrosis factor-alpha.