

Supplemental Data 1. Interferon-Inducible Genes in Clinical Subgroups of SLICC SLE+ Patients

	SLE (RNP-)	SLE (RNP+)	SLE (MCTD+)	MCTD	Normal
N = 43	N = 3	N = 21	N = 9	N = 10	N = 22
IFI27	11.1 ± 2.7 p = 0.009 vs normals	9.4 ± 1.6 p < 0.0001 vs normals	9.2 ± 2.4 p = 0.007 vs normals	9.2 ± 2.2 p = 0.003 vs normals	6.7 ± 0.9
IFI44	12.2 ± 0.5 p = 0.005 vs normals	12.0 ± 0.6 p < 0.0001 vs normals	11.2 ± 1.5 p = 0.001 vs normals	11.7 ± 0.8 p < 0.0001 vs normals	9.3 ± 0.6
IFI44L	12.3 ± 0.6 p = 0.005 vs normals	12.2 ± 0.8 p < 0.0001 vs normals	11.6 ± 1.9 p = 0.0007 vs normals	12.1 ± 0.9 p < 0.0001 vs normals	8.6 ± 0.9
RSAD2	12.6 ± 0.3 p = 0.005 vs normals	12.3 ± 0.7 p < 0.0001 vs normals	11.7 ± 1.7 p = 0.0007 vs normals	12.2 ± 1.0 p < 0.0001 vs normals	9.0 ± 0.8
IFI6	10.5 ± 0.8 p = 0.005 vs normals	10.1 ± 0.6 p < 0.0001 vs normals	9.5 ± 1.5 p = 0.0008 vs normals	10.0 ± 0.8 p < 0.0001 vs normals	7.2 ± 0.6
IFIT1	12.5 ± 0.3 p = 0.005 vs normals	12.3 ± 0.6 p < 0.0001 vs normals	11.6 ± 1.5 p = 0.0008 vs normals	12.2 ± 0.9 p < 0.0001 vs normals	9.4 ± 0.9
IFIT3	12.7 ± 0.3 p = 0.005 vs normals	12.5 ± 0.4 p < 0.0001 vs normals	12.1 ± 1.1 p = 0.0001 vs normals	12.5 ± 0.7 p < 0.0001 vs normals	10.1 ± 0.6
IRF3	9.0 ± 0.3	8.6 ± 0.4 p = 0.0001 vs normals	8.8 ± 0.2	8.9 ± 0.2	9.0 ± 0.2
IRF5	8.7 ± 0.9	8.8 ± 0.6	9.1 ± 0.5 p = 0.003 vs	9.0 ± 0.5 p = 0.008 vs	8.5 ± 0.4

			normals	normals	
IRF7	10.1 ± 0.7 p = 0.005 vs normals	9.8 ± 0.6 p < 0.0001 vs normals	9.4 ± 0.9 p < 0.0001 vs normals	9.9 ± 0.6 p < 0.0001 vs normals	7.8 ± 0.3
OAS1	10.3 ± 0.7 p = 0.005 vs normals	9.9 ± 0.9 p < 0.0001 vs normals	9.5 ± 1.6 p = 0.007 vs normals	9.9 ± 1.3 p = 0.0002 vs normals	7.5 ± 0.5
OAS2	9.7 ± 0.4 p = 0.005 vs normals	9.6 ± 0.8 p < 0.0001 vs normals	9.3 ± 1.2 p = 0.01 vs normals	9.5 ± 1.0 p = 0.0002 vs normals	7.7 ± 0.3
SIGLEC1	10.6 ± 1.4 p = 0.005 vs normals	10.1 ± 1.3 p < 0.0001 vs normals	9.9 ± 2.2 p = 0.005 vs normals	10.0 ± 2.0 p = 0.0002 vs normals	7.0 ± 0.9
USP18	10.1 ± 1.3 p = 0.005 vs normals	9.0 ± 1.5 p < 0.0001 vs normals	8.7 ± 2.0 p = 0.008 vs normals	9.0 ± 1.6 p = 0.0001 vs normals	6.0 ± 0.4

Affymetrix U133 Plus 2.0 mRNA expression array data (in arbitrary expression units relative to normal standard) for interferon-inducible genes that showed differences compared to control subjects. For genes with multiple readouts, averages of all the values are used. Between-group comparisons are with the Mann-Whitney test. No significant differences between patient subgroups were identified.