



Additional file 9

Figure S5. Interferon (IFN)- α production is triggered by RNA containing immune complexes (RNA-IC) in immune cells from systemic lupus erythematosus (SLE) patients and healthy controls. The levels of IFN- α in supernatants after 20h by (A) monocyte depleted peripheral blood mononuclear cells (PBMC) in the presence of RNA-IC or Herpes simplex virus (HSV) and (B) plasmacytoid dendritic cell (pDC)-NK cell co-cultures with RNA-IC in the presence or absence of GM-CSF and IFN- α 2b. Boxplots show medians with interquartile range, based on (A) 13 or (B) 10 patients and (A) 9 or (B) 8 healthy controls, respectively. Mann-Whitney test (SLE vs controls), Wilcoxon matched pairs signed rank test (RNA-IC vs HSV, priming vs no priming). * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.