



Fig. S1. Results of the Ingenuity analysis of the identified genes. (A) One of the identified gene networks using the Ingenuity software package plays an important role in the regulation of cell morphology, cellular development and cell death. Central regulators of this pathway include interferon- γ (IFN γ), TNF and STAT3. (B) Another possible pathway is important in the metabolism of small molecules and lipids, regulated by IFN γ and β -estradiol. In the (A) and (B) panels, gray boxes indicate genes of our dataset. Genes in black boxes were not identified as differentially expressed genes in our current cDNA microarray experiment, but they are known to be central regulators in the pathogenesis of psoriasis. White boxes denote genes that were not indicated by our results, but which might be important links between various genes in our dataset.