<u>Fig.1</u>: **Fold change (log2) of gene expression and local pool error (LPE) *p*-values *(−log2)* for starving mice (A) and for TNF-α treated mice (B).** The two horizontal lines mark the 2-fold change threshold and the vertical line marks the threshold of cutoff *p*-value = 0.01. Genes shown in black color are identified as significantly up regulated, while genes in gray are identified as significantly down regulated. Numbers shown in each sector represent the number of genes in that sector. Total number of genes on array is 9595.

A

B