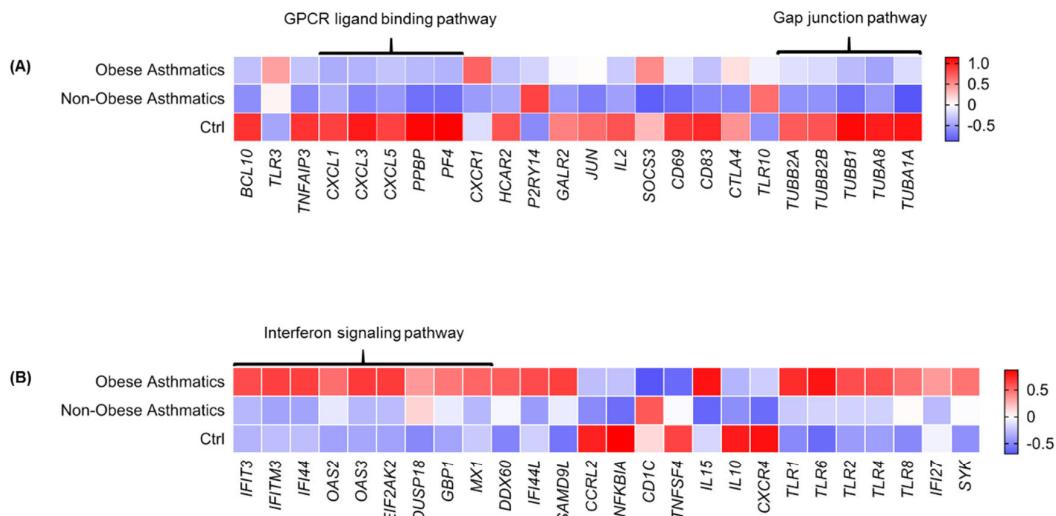


**Figure S1.** (A) Mutually shared genes between the top 15 significant biological pathways of obese asthmatics vs. Ctrl (healthy controls) and non-obese asthmatics vs. Ctrl comparisons, and their (B) correlation matrix. (C) Mutual genes between the significant biological pathways of obese asthmatics vs. Ctrl and obese asthmatics vs. non-obese asthmatics comparisons, and their (D) correlation matrix.



**Figure S2.** Heatmaps exhibiting the differential gene expression of the gene network clusters associated with three candidate pathways in (A) low type-2 asthma and (B) low type-2 obesity-associated asthma.