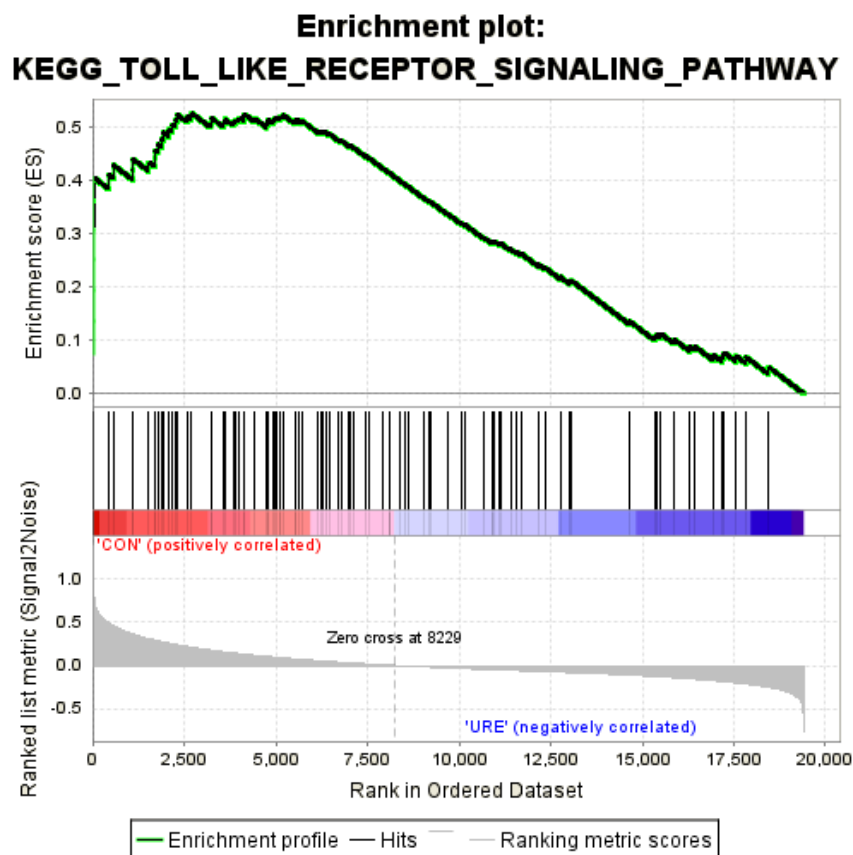
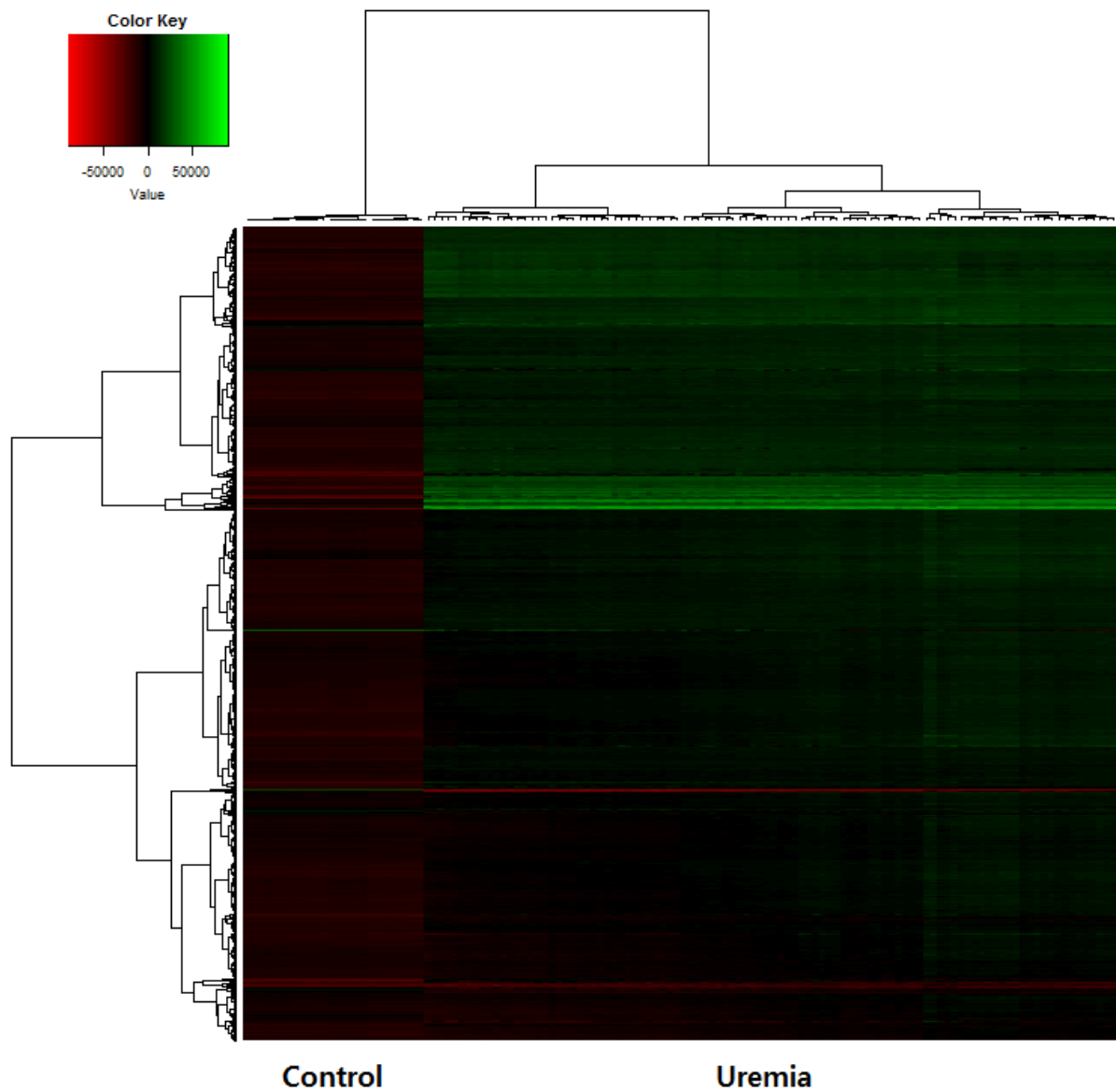


Supplementary Table S1 Generation of miRNA target genes (miRNome) by merging four miRNA target databases. Four miRNA gene target databases were downloaded and parsed to set up the comprehensive human miRNome. The MiRNome contains 5,813 human miRNAs and 22,174 predicted putative miRNA gene targets

Database	Version	Downloaded file	Downloaded data
TargetScan	V7.0	Predicted_Targets_Info.txt	Nov, 2015
miRanda	-	Human_predictions_S.C.aug2010.txt.gz	Nov, 2015
miRDB	V5.0	miRDB_v5.0_prediction_result.txt.gz	Nov, 2015
miRTarBase	V6.0	hsa_MTI.xlsx	Nov, 2015



Supplementary Fig.S1 Gene set enrich analysis of TLR signaling pathway (A) GSEA of correlation among genes differently expressed in TLR signaling pathway between healthy control and uremia.



Supplementary Fig.S2 Heat map representing miRNA levels of healthy control and uremic patients. The 59 miRNAs have FDR <0.05. Each row represents miRNA, and each column a sample. The clustering dendrogram was drawn using the Ward linkage method.