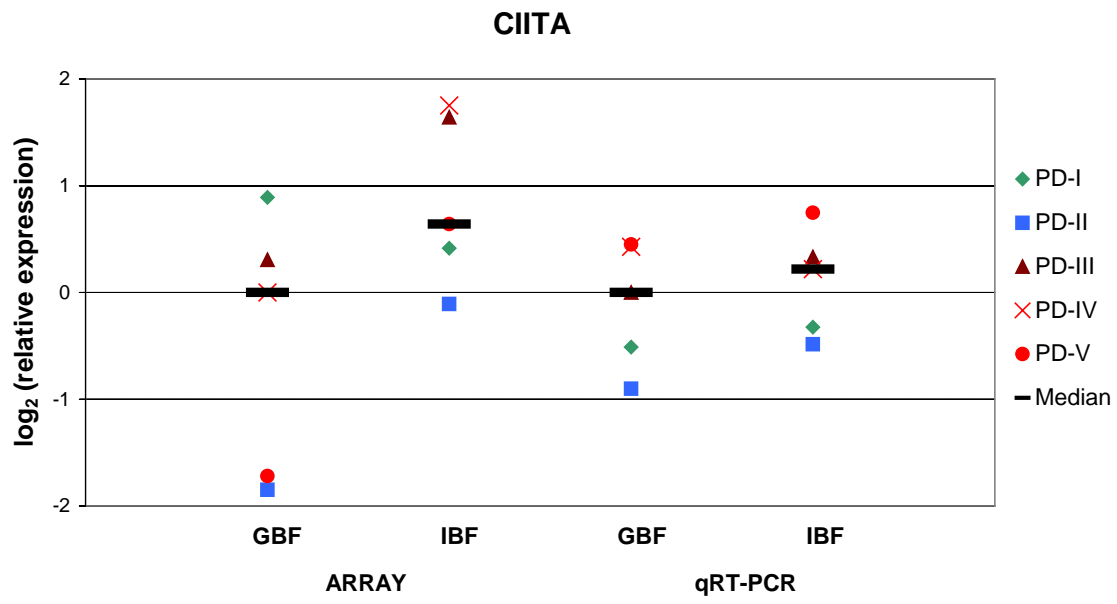
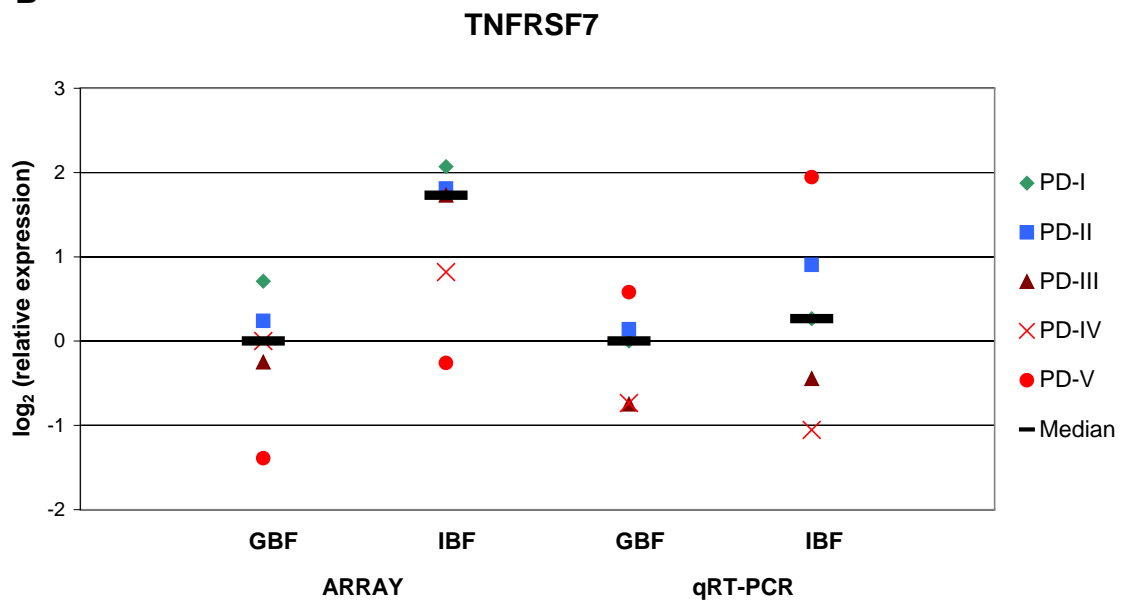


A**B**

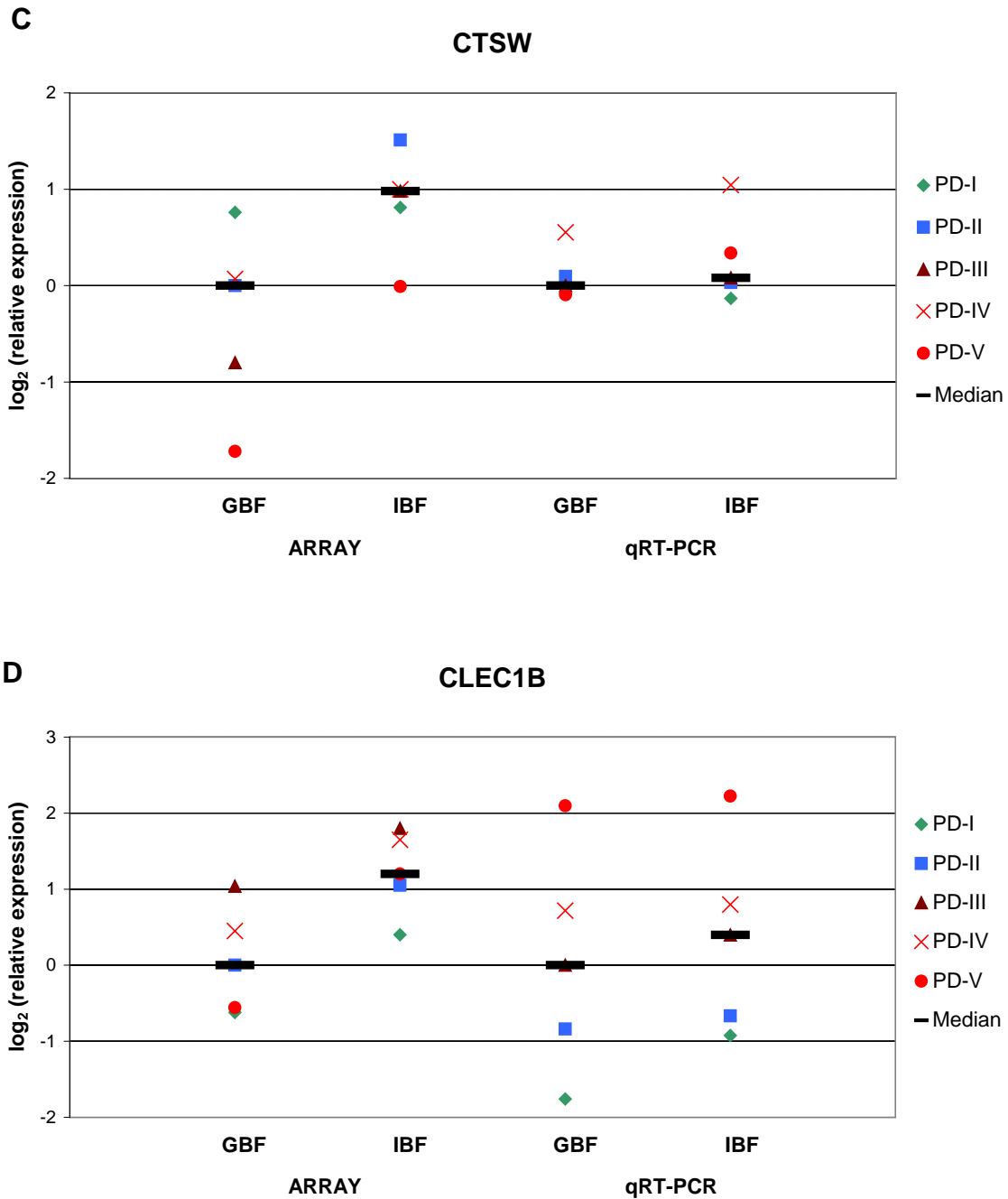


Figure S1. qRT-PCR validation of four selected genes (CIITA, TNFRSF7, CTSW, CLEC1B): The \log_2 (relative expression) measured in the microarray and in the realtime RT-PCR (TaqMan assays) experiment of five PD patient (PD-I – PD-V) and their median is shown. Median \log_2 (relative expression) after the glucose based fluid (GBF) peritoneal dialysis treatment in the microarray and qRT-PCR experiment was set to zero allowing to compare the relative differences to the icodextrin based fluid

(IBF) treatment in both experiments in one figure. All genes (A-D) are up-regulated by IBF in both methods although the up-regulation is less in the validation experiment.