

Supplementary figures

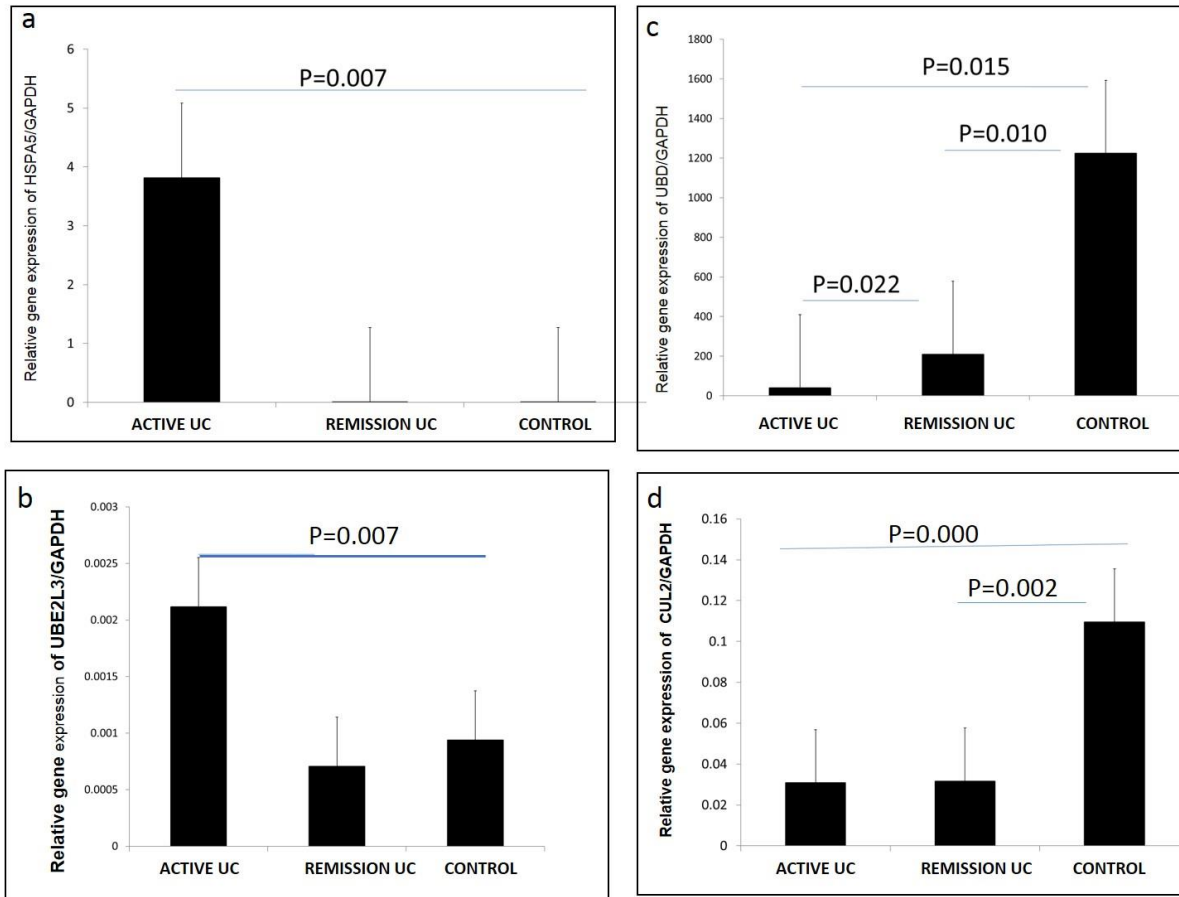


Figure 1s. Gene expression panel of ubiquitin ligases in colonic mucosa. Results were normalized using GAPDH as housekeeping gene. a) HSPA5, b) UBE2L3, c) UBD, d) CUL2 transcript levels and p values are presented in the figure.

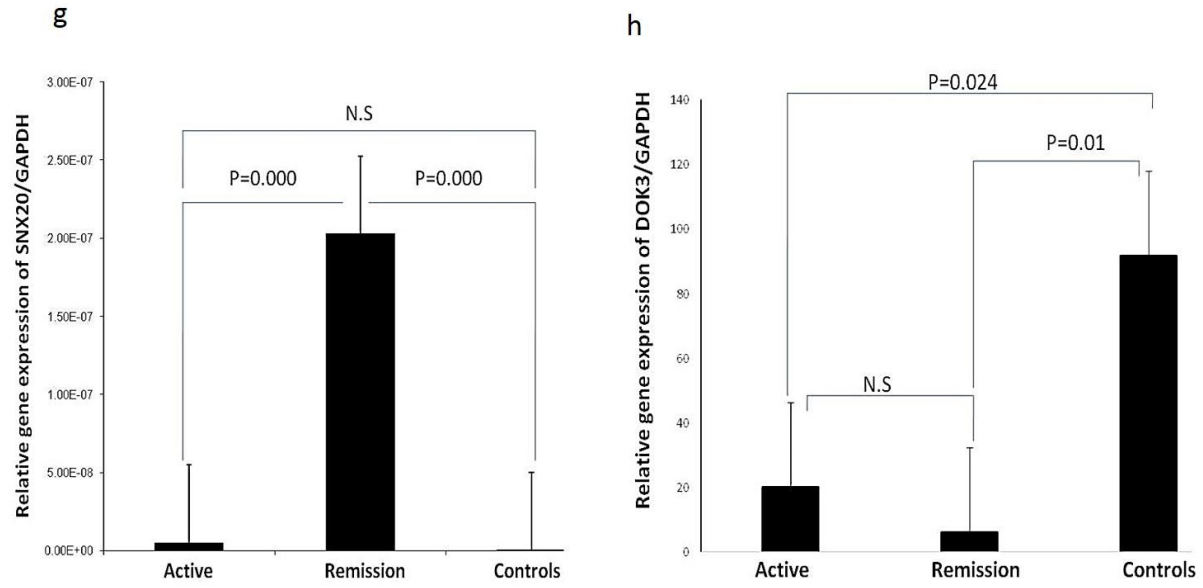


Figure 2s. Gene expression panel of peripheral immune tolerance. a) SNX20 and b) DOK3 transcript levels with GAPDH as housekeeping gene determined by $2^{-\Delta\Delta Ct}$, differences among groups were assessed by Kruskal Wallis test, and p values are presented in the figure.

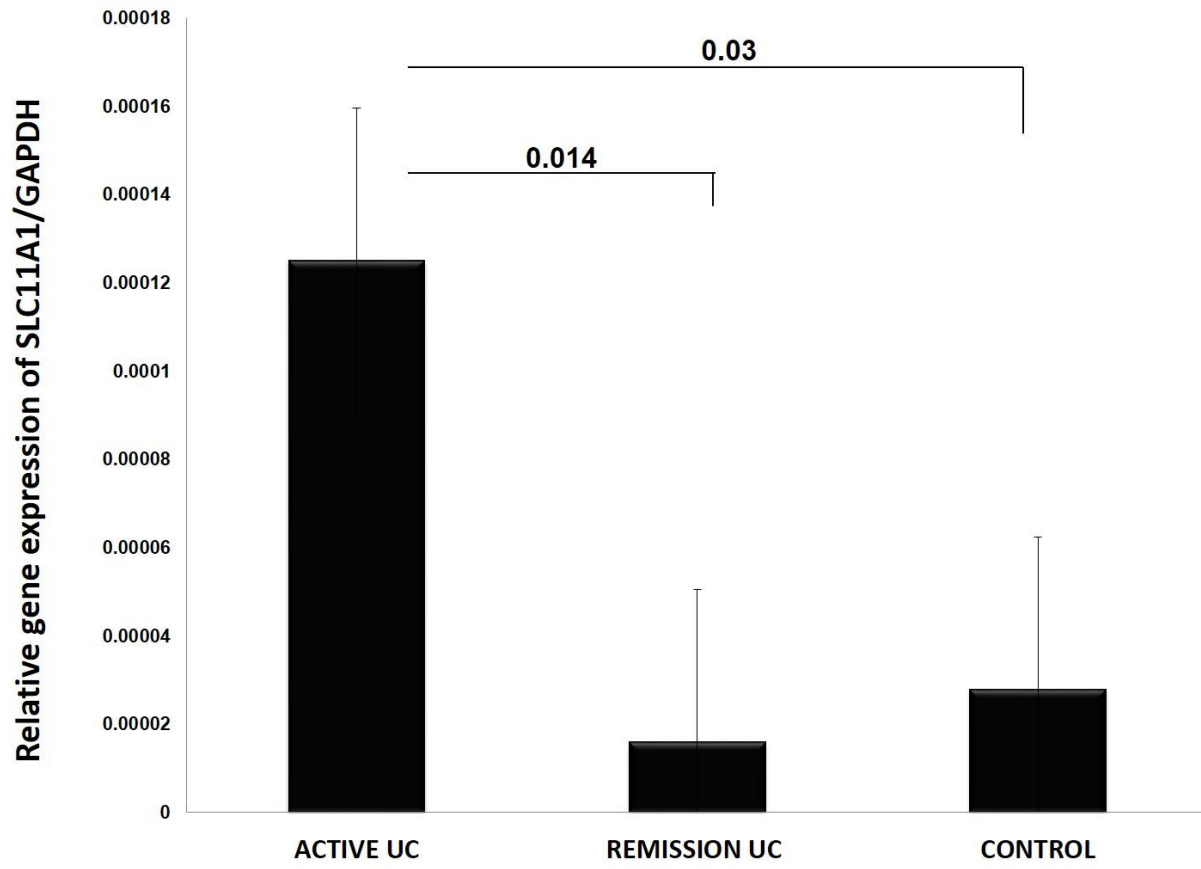


Figure 3s Gene expression of SLC11A1 in colonic mucosa. Results were normalized using GAPDH as housekeeping. transcript levels with GAPDH as housekeeping gene determined by $2^{-\Delta\Delta Ct}$, differences among groups were assessed by Kruskal Wallis test, and p values are presented in the figure.