

Figure S1. Spearman's correlation between relative abundance of gut microbial genera and the expression of selected markers in midgut biopsies. A positive correlation is indicated by dark red, a negative correlation by dark blue. Stars indicate statistical significance after FDR correction (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$). Families and genera were reported as "Unassigned" when they could not be assigned to any genus (g) or family (f) within the reference database (<http://greengenes.lbl.gov>), at a percent-age sequence homology of 95% or 90%, respectively for genus and family.

