

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Mean count of ASVs found in control samples.

File Name: Supplementary Data 2

Description: Bacterial abundances of sorted bacteria coated with IgA or IgM in household-matched IgA+ or IgA- subjects.

File Name: Supplementary Data 3

Description: Bacterial abundances of non-coated sorted bacteria in household-matched IgA+ or IgA- subjects.