Supplemental Table 1. Genera Associated with the Healthy Eating Index (HEI)-2015 Over Time





1Values shown are β obtained by linear regression models for 152 genera with Bonferroni adjusted significance (p<0.00033) for three questionnaires. The unit is the centered log-ratio transformed abundance, which is a scale-invariant measure and meets the linearity assumption.

HEI-2015 at questionnaire 1 (Q1) in 1993-96, questionnaire 3 (Q3) in 2003-08, and at time of stool collection (APS) in 2013-16

2Relative abundance of the genera based on the total sum of the bacteria

3Percent zero prevalence of genera

4β=regression parameter and P-value from trend tests for the relative abundance per unit of the HEI-2015 and adjusted for sex, age at stool collection, ethnicity, BMI, total energy intake (log-transformed), physical activity, smoking status, antibiotic use in past year, and alcohol intake

Yellow highlighting indicates the 28 out of 152 bacterial genera that were significantly associated with diet as assessed in at least one of the questionnaires.