

Additional File 8. Relative abundance of pre-diet bacterial phyla (mean of 3 pre-diet days) between the three weight-loss groups (n = 5/group).

	Low	Mid	High	SED	Benjamini-Hochberg P-value
<i>Firmicutes</i>	0.493	0.476	0.493	0.028	0.156
<i>Bacteroidetes</i>	0.082	0.180	0.219	0.037	0.949
<i>Fibrobacteres</i>	0.279	0.230	0.217	0.07	0.156
<i>Unclassified</i>	0.058	0.049	0.034	0.024	0.156
<i>Spirochaetes</i>	0.053	0.042	0.022	0.021	0.033
<i>Proteobacteria</i>	0.020	0.016	0.009	0.016	0.132
<i>Tenericutes</i>	0.009	0.005	0.005	0.014	0.156
<i>Verrucomicrobia</i>	0.001	0.001	0.001	0.007	0.909
<i>Candidatus Saccharibacteria</i>	0.003	0.002	0.001	0.005	0.890
<i>Actinobacteria</i>	0.001	0.000	0.001	0.006	0.011
<i>Elusimicrobia</i>	0.000	0.000	0.000	0.008	0.909

ANOVA analysis was employed to evaluate group differences in the relative abundance of bacterial phyla, and the resulting P-values were adjusted for multiple testing using the Benjamini-Hochberg correction.