Figure 4. *Prevotellaceae/Bacteroidaceae* ratio at baseline and at the end of the HFS intervention period. Results are expressed as the mean± standard error of the mean with the ratio calculated from the relative abundance of the two families. Statistical analyses were performed using Paired-Samples T-test. Variables presenting probabilities of $p < 0.05$ were applied the Benjamini-Hochberg multiple testing correction. Unadjusted $p$ values lower than the calculated critical values were considered statistically significant (*). HFS, high-fat sucrose diet.