

Top5 most abundant Phyla

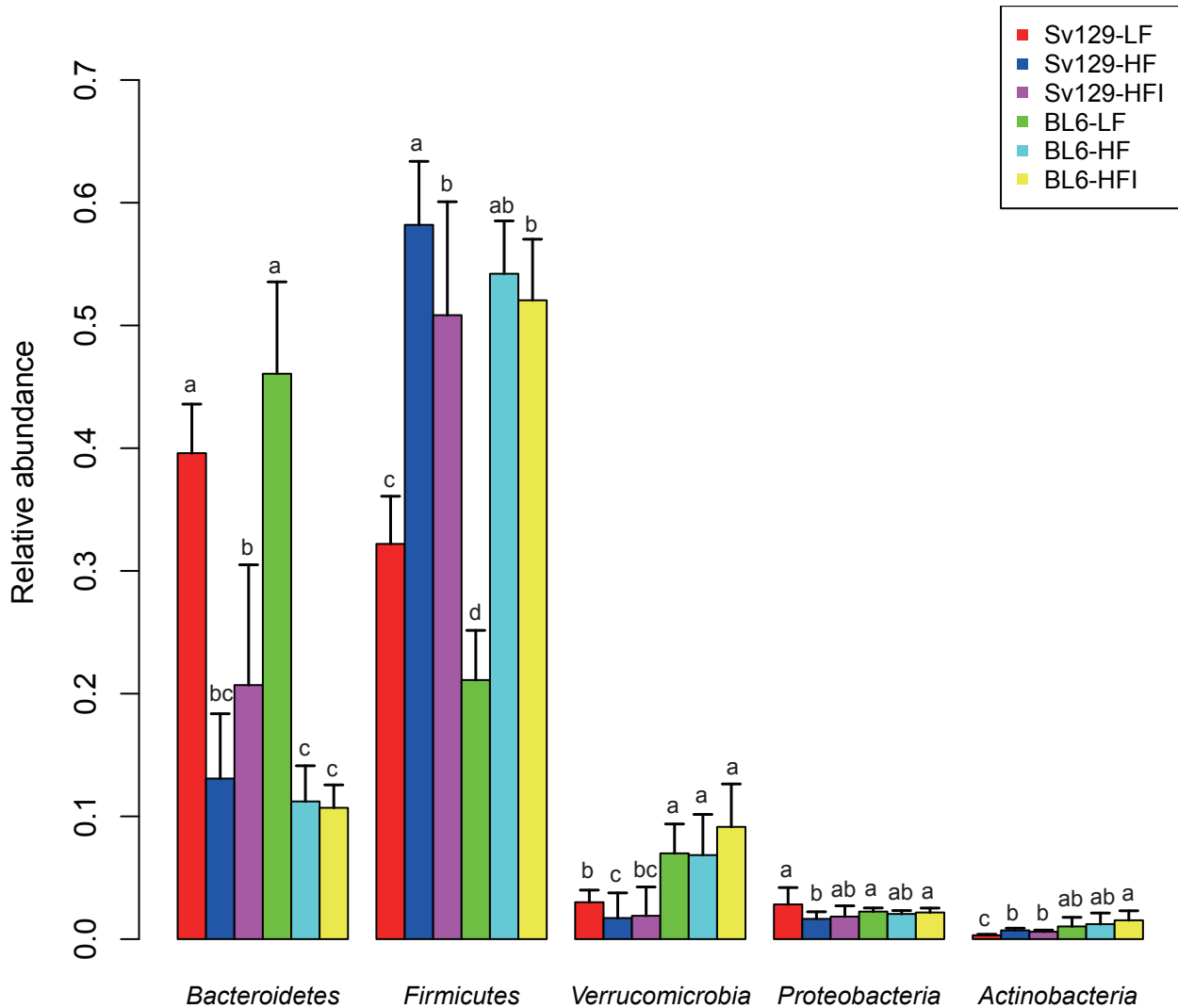


Figure S7. Relative abundance of the top 5 phyla in relation to mouse strain and diet. In keeping with previous studies, HF feeding caused a marked decrease in the relative abundance of *Bacteroidetes* and an increase in the relative abundance of *Firmicutes* in both strains. The relative abundance of *Verrucomicrobia* was significantly higher in BL6 mice than in Sv129 mice, irrespective of the diet. Statistical differences were analyzed by unpaired Wilcoxon Rank-Sum test (with FDR correction). Statistically significant differences ($P < 0.05$) between groups are denoted with different letters (a, b, c, d) on the top of the graphic boxes.