Total Sum Scaled Taxa Barplot **Firmicutes** Lactobacillaceae Lachnospiraceae Enterococcaceae Staphylococcaceae Other High Fat / High Fiber Low Fat / High Fiber High Fat / Low Fiber Low Fat / Low Fiber Chow **Bacteroidota** 25% -Tannerellaceae Muribaculaceae Bacteroidaceae Marinifilaceae Other 75% -**Proteobacteria** Sutterellaceae Enterobacteriaceae uncultured Pasteurellaceae Other Verrucomicrobiota Akkermansiaceae Chthoniobacteraceae Chlamydiaceae Xiphinematobacteraceae Actinobacteriota Eggerthellaceae Micromonosporaceae Promicromonosporaceae Streptomycetaceae Other 25% -75% Other Deferribacteraceae Polyangiaceae Vampirovibrionaceae Solibacteraceae Other 25% -Sample