Core Microbiome of free living samples at phylum level 45,000 40,000 -35,000 -30,000 phylum Actinobacteria Abundance 25,000 -**Bacteroidetes Firmicutes** Proteobacteria 20,000 -Spirochaetes **Tenericutes** 15,000 -10,000 -5,000 0 . 62 62 60 66 89

Sample