Singletons on phylum level (occurence: max 2 samples 1,900 1,800 -1,700 -1,600 -1,500 -1,400 -1,300 -1,200 phylum Actinobacteria 1,100 -**Bacteroidetes** 1,000 -Cyanobacteria 900 -**Firmicutes** 800 -Fusobacteria Proteobacteria 700 -600 -500 -400 -300 -200 -100 -60 64 68 70 72 74 76 78 80 82 Abundance