Taxonomy and diversity: XT, phylum Shannon Diversity Firmicutes **Bacteroidetes** Actinobacteria (201174) Proteobacteria Verrucomicrobia Lentisphaerae 75 -Percent of reads Ascomycota Basidiomycota Candidatus Melainabacteria Euryarchaeota Chloroflexi Acidobacteria Spirochaetes Mucoromycota Tenericutes Ω Cyanobacteria -NFlex-F Other classified at this level XT_D09-NFlex classified at a higher level -900_TX XT_D01 unclassified

