#run DADA2 denoising

qiime dada2 denoise-single \

--i-demultiplexed-seqs ~/FL103/demux\_unfiltered.qza \

--p-trim-left 50 \

--p-trunc-len 350 \

--output-dir ~/FL103/DADA2\_350\_unfiltered/

qiime metadata tabulate \

--m-input-file ~/FL103/DADA2\_350\_unfiltered/denoising\_stats.qza \

--o-visualization ~/FL103/DADA2\_350\_unfiltered/denoising\_stats.qzv

qiime feature-table summarize \

--i-table ~/FL103/DADA2\_350\_unfiltered/table.qza \

--o-visualization ~/FL103/DADA2\_350\_unfiltered/table.qzv \

--m-sample-metadata-file ~/FL103/FL103\_MapFile.txt

qiime feature-table tabulate-seqs \

--i-data ~/FL103/DADA2\_350\_unfiltered/representative\_sequences.qza \

--o-visualization ~/FL103/DADA2\_350\_unfiltered/representative\_sequences.qzv