

```
#!/bin/bash
```

```
#SBATCH --job-name="atacama-dada2"
```

```
#SBATCH --mem=320000
```

```
#SBATCH --cpus-per-task=16
```

```
#SBATCH --time=72:00:00
```



```
module load qiime2/2018.6
```

```
qiime dada2 denoise-single \  
  --i-demultiplexed-seqs demux.qza \  
  --p-trunc-len 0 \  
  --o-table dada2-single-table.qza \  
  --o-representative-sequences dada2-single-rep-seqs.qza \  
  --o-denoising-stats dada2-single-denoising-stats.qza
```

```
qiime feature-table summarize  
  --i-table dada2-single-results/dada2-single-table.qza \  
  --o-visualization dada2-single-results/dada2-single-table.qzv \  
  --m-sample-metadata-file sample-metadata.tsv
```

```
qiime feature-table tabulate-seqs \  
  --i-data dada2-single-results/dada2-single-rep-seqs.qza \  
  --o-visualization dada2-single-results/dada2-single-rep-seqs.qzv
```