module load kallisto/0.46.1

kallisto index -i ~/hg38\_refMrna\_kallisto\_index.idx /ix1/biosc1542\_2024s/data/hg38\_refMrna.fa

kallisto quant -i ~/hg38\_refMrna\_kallisto\_index.idx -o uninfected\_1 --single -l 200 -s 50 --rf-stranded /ix1/biosc1542\_2024s/mp1/SRR11517725.fastq.gz

kallisto quant -i ~/hg38\_refMrna\_kallisto\_index.idx -o uninfected\_2 --single -l 200 -s 50 --rf-stranded /ix1/biosc1542\_2024s/mp1/SRR11517729.fastq.gz

kallisto quant -i ~/hg38\_refMrna\_kallisto\_index.idx -o infected --single -l 200 -s 50 --rf-stranded /ix1/biosc1542\_2024s/mp1/SRR11517733.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517734.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517735.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517736.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517737.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517738.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517739.fastq.gz /ix1/biosc1542\_2024s/mp1/SRR11517740.fastq.gz