

RSEM

Verzija	Modul
1.3.1	bioinfo/RSEM/1.3.1
1.3.3	bioinfo/RSEM/1.3.3

Korištenje

Podaci su preuzeti sa:

```
wget ftp://ftp.ncbi.nlm.nih.gov/genomes/refseq/vertebrate_mammalian/Homo_sapiens/all_assembly_versions/GCF_000001405.31_GRCh38.p5/GCF_000001405.31_GRCh38.p5_genomic.fna.gz
wget ftp://ftp.ncbi.nlm.nih.gov/genomes/refseq/vertebrate_mammalian/Homo_sapiens/all_assembly_versions/GCF_000001405.31_GRCh38.p5/GCF_000001405.31_GRCh38.p5_genomic.gff.gz
gzip -d *
```

U ovaj module ubačeni su i drugi moduli:

- bowtie
- STAR
- HISAT2

```
#!/bin/bash
#$ -N RSEM-example
#$ -cwd
#$ -pe *mpisingle 4

module load bioinfo/RSEM/1.3.3

rsem-prepare-reference --gff3 GCF_000001405.31_GRCh38.p5_genomic.gff --gff3-RNA-patterns mRNA,rRNA --trusted-sources BestRefSeq,Curated\ Genomic --bowtie GCF_000001405.31_GRCh38.p5_genomic.primary_assembly.fna ref/human_refseq -p $NSLOTS
```

Instalacija

```
git clone https://github.com/deweylab/RSEM.git
make
make install
```