
split_library_log_parser Documentation

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Why should I need this?

When using QIIME, one of the first steps is the `split_libraries_fastq.py` script which *performs demultiplexing of Fastq sequence data where barcodes and sequences are contained in two separate fastq files*, while also doing some basic quality testing.

This step creates a log file, *split_library_log.txt*, which contains statistics about the number of reads per sample that passed the various tests and manipulations.

`parse_split_library_log.R` converts this text file into a tsv table, which is more convenient for comparison between the samples etc.

Usage

Simple! Just execute the following::

```
Rscript parse_split_library_log.R \
  --input split_library_log.txt \
  --output split_library_log.tsv
```

Where:

--input file	Path to split_library_log.txt
--output file	Path to tab-delimited output file

Dependencies

Please make sure you have the following libraries installed in your R version:

- magrittr
- optparse
- tools