



ILLUMINA SEQUENCING METHODS

Sample libraries were prepared using the Illumina DNA Prep kit and IDT 10bp UDI indices, and sequenced on an Illumina NextSeq 2000, producing 2x151bp reads. Demultiplexing, quality control and adapter trimming was performed with bcl-convert (v3.9.3) [1]. Sequencing statistics are included in the '*DNA Sequencing Stats.xlsx*' file.

What is an md5sum?

The md5sum functions as a file's compact digital fingerprint. md5sums are used to verify the integrity of files between two servers. If you calculate the md5sum of the file on your server, it should match that of the file listed in the '*DNA Sequencing Stats.xlsx*' file. If it does not match, the file was corrupted either being uploaded or downloaded to box, please let MiGS know if this is the case.

Calculating the md5sum

Windows users, please see [this tutorial](#).

MacOS users, please see [this tutorial](#).

Linux users, please see [this tutorial](#).

References

[1] [bcl-convert](#): A proprietary Illumina software for the conversion of bcl files to basecalls.