



## AGRF Data Verification

Dear Customer,

As part of the general quality assurance AGRF tests the integrity and completeness of the data before it is sent to you.

In unlikely cases it may be possible that the hardware you receive may not be fully functional.

Your portable media has checksum information provided by AGRF should you wish to verify that your data is complete and error-free. Verification methods for both Windows and Unix systems are outlined below:

### Windows:

The checksum information of the files included on your portable media has been generated using Exactfile, which is a free third-party tool for Windows: <http://www.exactfile.com/>.

Included in your directory are two files, "checksums.exf", which contains the MD5 hashes of the original files on AGRF's data server and "TestFiles.exe", an applet created by the Exactfile program to check files against the hashes listed in "checksums.exf".

To test the integrity of your files, you can simply start "TestFiles.exe".

Please be patient as it may take up to several minutes before the file check report appears, because of the size of the fastq files.

### Unix:

The checksum information of the files included on your portable media has been generated using the md5sum program. The calculated checksums of your data files are included in the "checksums.md5" file.

To test the integrity of your files, type the following command while in the directory containing "checksums.md5":

```
md5sum -c checksums.md5
```

If you have any queries regarding data validation, please send an email to us at [bioinformatics@agrif.org.au](mailto:bioinformatics@agrif.org.au).

\*Please note: The checksum verification can only be performed on the original data as received from AGRF, before any files are moved or modified. AGRF accepts no responsibility regarding the performance of Exactfile program.