



SOUTH AUSTRALIAN GENOMICS CENTRE

South Australian Genomics Centre (SAGC)

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11th Dec 2024

Lisa Butler
University of Adelaide
Adelaide, 5000
Australia

Dear Lisa

Thank you for undertaking your Next Generation Sequencing project with the South Australian Genomics Centre (SAGC). The following report provides the details of bioinformatics analysis performed for your STOmics spatial sequencing project and provides links to retrieve the data.

Bioinformatics Report – Reference Quotation – SAGCQA0852

Data received:	4/11/2024
Number of samples analysed:	2
Analysis Description:	Stereo-seq Analysis Workflow for 2 samples using Homo_sapiens GRCh38 genome.
Analysis completed:	11/12/2024
Analysis contact:	Daniel Thomson (Daniel.thomson@sahmri.com)

Brief Analysis Description

The analysis was performed using SAGC's implementation of the following bioinformatics pipeline; SAW (Stereo-seq Analysis Workflow) <https://github.com/STOmics/SAW>, please refer to the detailed description of software and outputs provided for further explanation. <https://en.stomics.tech/service/new-saw-operation-manual.html>

Note: Raw sequencing files and QC output were shared by on 4th December, via the following link

<https://filesender.aarnet.edu.au/?s=download&token=5a39626d-ea01-4d09-b4df-54768effb50a>

Data Download

You can access results and bioinformatics data files via the following link. The file sizes are quite big (~100 GB), so I would recommend downloading each individually and expect long download times.

Files	<ul style="list-style-type: none">• D04319C6.report.html (10.2 MB)• C04597D6.report.html (10.2 MB)• 24-06658.tar.md5sum (47 B)• 24-06658.tar (105.4 GB)• 24-06657.tar.md5sum (47 B)• 24-06657.tar (108.1 GB)
Transfer size	213.5 GB
Expiry date	Jan 20, 2025
Download link	https://filesender.aarnet.edu.au/?s=download&token=7b7313c9-78fa-4587-826b-4747f80d9013

Compressed files (.tar) need to be decompressed after downloading by double clicking (Mac) or via the unix command; use a `tar` command to decompress the downloaded file e.g.

`tar -xvf [FileName.tar]`

Your data download links will be available for 4 weeks. Please download at your earliest convenience

Thanks for using the South Australian Genomics Centre (SAGC) and we hope that the information provided assists with your data analysis and manuscript preparation. Please remember to acknowledge the centre in an appropriate manner (depending upon contribution) in any publications arising from the data using the sentences "We would like to acknowledge the contribution of the South Australian Genomics Centre (SAGC) in the generation of data used in this publication. The SAGC is supported by its founding partner institutes and by Bioplatforms Australia as part of the Australian Government's National Collaborative Research Infrastructure Strategy (NCRIS)". If we can provide any further information, please do not hesitate to let us know.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'Daniel Thomson', is written over a horizontal line.

Daniel Thomson, PhD
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