



# DISCOVERY

A service from  
Genome.One

Genome.One introduces Discovery to provide a better service when you need whole genome sequencing, analytics or both of large cohorts. Why better? Because our service is collaborative and flexible; built around the needs of our clients, not limited by a fixed offer. It combines the quality you would expect from a world-class sequencing provider, with the ability to design a bespoke, efficient, cost-effective answer to your individual needs.

**GENOME.**  
 **ONE**<sup>®</sup>

# What is Discovery?

Discovery is part of Genome.One, a wholly owned subsidiary of the Garvan Institute of Medical Research in Sydney, Australia. We tailor sequencing and analytic solutions to suit your needs: From small studies to large cohorts or entire populations.

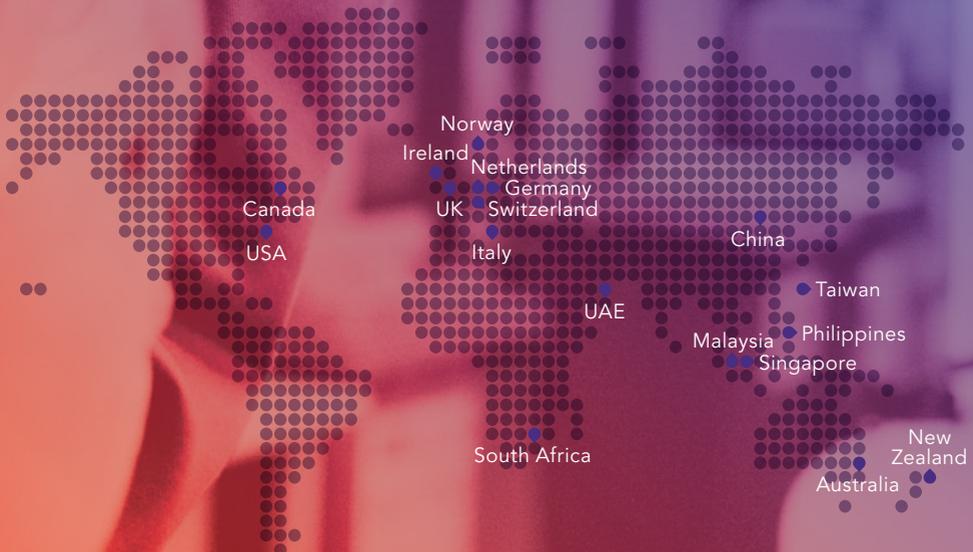
Through us, you can gain access to the Genome.One sequencing infrastructure, in-house software applications, computational architecture, expertise and as much support as you need. We are here to help you achieve your genomic research goals.

## How can I be confident in the expertise provided?

In one word: Experience

We were one of the first three sites in the world to acquire the Illumina HiSeq X Ten sequencing platform. Since then, we have worked with more than 300 partners worldwide to extract value from the genome and answer life's biggest health questions. Backed by the Garvan Institute of Medical Research, our team is driven by research excellence.

Expertise working with partners from around the world



# What are the services Discovery can provide to me and my team?

From start to finish – experimental design to research output – we tailor our services to suit you. Pick and choose what you need to achieve your goals.



## Clinically accredited sequencing

Our HiSeq X Ten genomics facility is ISO 15189 accredited, making our service ideal for clinical trials and research studies where results may need to be reported in a clinical setting



## Award-winning analytics

Our data analytics pipeline was awarded the highest SNP precision in the 2016 precisionFDA Truth Challenge\*



## Secure data transfer

Our US-based data storage provider is compliant with HIPAA, CLIA, ISO 27001, dbGaP and EU Privacy. Genome.One is compliant with relevant Australian data security and transfer regulations



## Personalised analysis platform

Perform your own bespoke analysis on your integrated genomic and clinical data using our highly intuitive, scalable and customisable data analysis platform

\* awarded to The Kinghorn Centre for Clinical Genomics at The Garvan Institute

### Gene

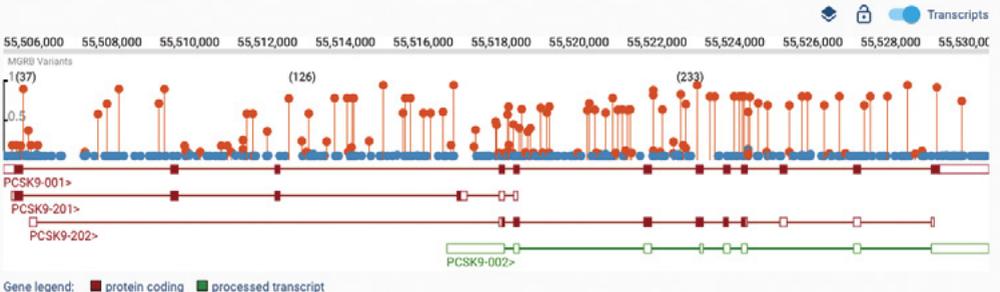
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**Variants:** 396



# Working with Discovery

## What makes Discovery different from other sequencing providers?

We work at scale, on a personal level. Although we analyse large cohorts, we never lose sight of the individual – you.

We collaborate with you, drawing on our knowledge and yours to plan, implement and analyse whole genome sequencing and analysis on a population scale. Every step of the process is flexible and can be customised to suit your research goals. You can choose the parts of our pipeline that are relevant to your project, or take advantage of our end-to-end service. The choice is yours.

Supported by the Garvan Institute of Medical Research, we are invested in research and can help position you at the forefront of genomic innovation. With Discovery, you can expect scientific excellence specifically tailored to you.

## How will my relationship with Discovery be more productive?

We are here to support you, work with you and help you to achieve your goals.

With a dedicated project officer, you have one point of contact to answer your every question. Together, we will build a relationship founded on genomic exploration.

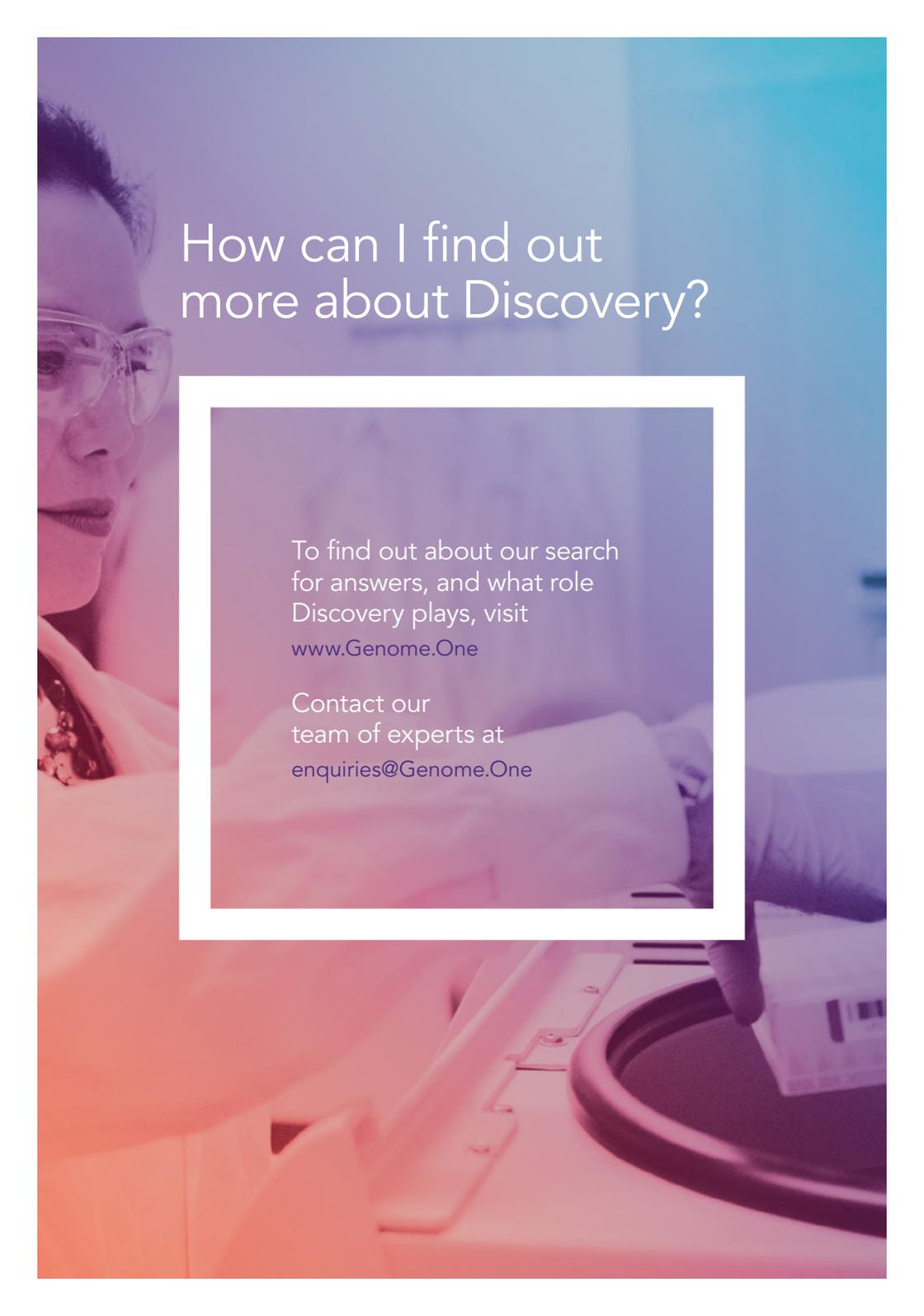
We know your research is important, so we will keep you informed every step of way.

The Discovery process is dynamic and can evolve as research progresses. We are committed to supporting you over the long term and ensuring that you get the most out of your data.

## How competitive is Discovery in terms of cost?

Our value proposition is competitive.

We go beyond just whole genome sequencing, and offer you world-class analytic services. Our team has spent years building the tools to analyse your data and help you to find the sequences you seek. We are a cost-effective answer to your individual needs.

A woman wearing safety glasses and a lab coat is working in a laboratory. She is looking down at a piece of equipment, possibly a centrifuge, which is partially visible in the foreground. The background is a blurred laboratory setting with various pieces of equipment and containers. The overall color palette is a mix of purple, blue, and orange, with a white text box in the center.

# How can I find out more about Discovery?

To find out about our search for answers, and what role Discovery plays, visit [www.Genome.One](http://www.Genome.One)

Contact our team of experts at [enquiries@Genome.One](mailto:enquiries@Genome.One)

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