



## Contextual Genomics

# Personalised cancer care

Information for Medical Specialists

The Contextual Genomics FIND IT<sup>®</sup> Cancer Hotspot Panel is a multiplex next generation sequencing assay, designed to identify common, clinically actionable genomic alterations in most solid tumour samples. The FIND IT panel provides a personalised understanding of a patient's tumour.

### Why use FIND IT for your patient?



#### Improved therapeutic precision and increased treatment options

Unlike technologies that have limited detection potential or whole gene sequencing strategies that often yield variants of unknown significance, the FIND IT test targets known and clinically actionable alterations, designed to reduce ambiguity and potentially improve clinical management options. We limit the range of genes tested, to maximise the reporting of usable information that will assist doctors to make more precise decisions about therapeutics.



#### Reliable turnaround time

We are committed to report results in 7 business days from the time of sample receipt in the molecular testing laboratory. Since the panel tests for all hotspot mutations simultaneously, it significantly reduces time to result compared to consecutive single gene test methods.



#### Conserve biopsy tissue

The assay reduces the amount of biopsy tissue required by taking a single sample, extracting its DNA and testing for all hotspots.

### Why choose the FIND IT Cancer Hotspot Panel?

- Detects mutations that have prognostic and diagnostic value.
- Identifies potential therapeutics or potential clinical trials.
- Finds acquired resistance mutations to drugs and assists in the selection of medicines.
- Available exclusively through Sonic Genetics.

### Optimised for clinical benefit

- Detects single base substitutions (SNVs), small deletions and insertions of up to 24 nucleotides.
- Simultaneously evaluates the mutation status of tumour DNA at more than 120 well-characterised positions (hotspots) and 17 exons in 33 cancer-associated genes.
- Catalogues genomic alterations, linking them to details on treatment sensitivity and resistance, as well as clinical trial information.

### Comprehensive reporting

- Reports feature a detailed clinical interpretation, with information based on the mutation profile of the tumour.
- A seamless full service approach enables physicians to make more informed patient decisions.



## FIND IT panel genes associated with tumour types

Cancer	Associated genes
Basal cell carcinoma	PTCH1, SMO
Bladder cancer	HRAS, PIK3CA
Breast cancer	AKT1, BRAF, DDR2, ERBB2 (HER2), ESR1, PIK3CA, PTEN
Colorectal cancer	AKT1, BRAF, CTNNB1, KRAS, MET, NRAS, PIK3CA, PTEN
Endometrial cancer	DDR2, PIK3CA, PTEN
GIST	BRAF, KIT, PDGFRA
Glioma	BRAF, EGFR, FGFR1, IDH1, IDH2, PIK3CA, PTEN, SMO
Head and neck cancer	BRAF, DDR2, PIK3CA
Lung cancer	AKT1, ALK, BRAF, DDR2, EGFR, ERBB2, KRAS, MAP2K1, MET, NRAS, PIK3CA, PTEN, ROS1, STK11
Melanoma	BRAF, CTNNB1, GNA11, GNAQ, KIT, MAP2K1, NRAS
Neuroblastoma	ALK
Ovarian cancer	BRAF, KRAS, PIK3CA, PTEN
Pancreatic cancer	CTNNB1, KRAS
Prostate cancer	AR, DDR2, KRAS, PTEN
Thymic cancer	KIT
Thyroid cancer	BRAF, CTNNB1, HRAS, KRAS, NRAS, RET

Please note: The genes included in each panel are under continual review and subject to change. Refer to the Sonic Genetics website for current information.

### Comparison with other platforms

A comparison of FIND IT to the Illumina TruSight Tumour 26 test was performed by Sonic Genetics in Australia, using a cohort of more than 70 samples.

This showed >99% concordance in regions common to both panels.

## How much does the FIND IT test cost?

The full panel is available on request. Currently, it is not covered by a Medicare rebate and will be privately billed to the patient. Focused panels are available for the relevant Medicare rebate fee, avoiding any out-of-pocket charges for your patient. An add-on panel can be requested to extend a focused panel to a full panel for the subsidised price listed below.

Panel required and clinical indication	Genes analysed	Cost
Full FIND IT panel*	33 genes	\$595
Focused panels†	NSCLC†	4 genes (BRAF, EGFR, ERBB2, KRAS)
	Melanoma†	3 genes (BRAF, KIT, NRAS)
	Colorectal†	4 genes (BRAF, KRAS, NRAS, PIK3CA)
Add-on panel	Extend a focused panel to the full 33 genes	\$395

Prices correct at time of printing.

\*Partial rebate may be available, subject to Medicare criteria being met for the NSCLC, Melanoma or Colorectal panels listed.

†Medicare rebates available, subject to Medicare criteria being met.

## Arrange FIND IT testing with Sonic Genetics

- Complete a FIND IT Hotspot Cancer Panel Request Form (available online at [www.sonicgenetics.com.au/FINDIT](http://www.sonicgenetics.com.au/FINDIT)).
- Patient is required to prepay for the full FIND IT panel. Contact details for your local Sonic Healthcare laboratory are listed on the Sonic Genetics website.
- Once payment is received, Sonic Genetics will obtain the tissue sample for analysis.\*
- Once the tissue sample arrives at the testing laboratory, it will be processed in 7 business days (if the sample is viable).

\*A non-Sonic Healthcare laboratory may charge a fee for the retrieval and transport of this sample.

## Why choose FIND IT at Sonic Genetics?

- **Experience you can trust:** Our parent company, Sonic Healthcare, is Australia's largest provider of diagnostic services.
- **Access to pathologists:** Clinicians can speak directly with one of our genetic pathologists or histopathologists to discuss report interpretation and patient management.
- **Results:** You can access and download your results via our online app Sonic Dx.
- **Support for clinicians:** Provides clinically actionable information.
- **Quality assurance:** Sullivan Nicolaidis Pathology (SNP) is NATA-accredited and provides FIND IT testing for Sonic Genetics and the Sonic Healthcare group. You can be confident we have been audited and perform testing to Australian standards.