



Address
 Informed Genomics
 Birmingham Research Park

Contact
 XXX XXXX
 XXXXXX@XXXXXX

Hereditary Cancer Susceptibility Report

Status -

LAB ID: IGL_XXXXXX
 Patient Name:
 Date of Birth:
 Gender:

Requested By:
 Referral Centre:
 Your lab ref:

Specimen:
 Collection:
 Received:
 Report date:

Result Summary:

This is the overall conclusion of the test and provides a simple and concise statement regarding the result and its interpretation.

Variant Details

Gene	Transcript	Genotype	Protein Change	Exon	Zygotity	Classification
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Variant details are tabulated for ease of reference. Variants are described using Human Genome Variation Society (HGVS) sequence variant nomenclature.

Results

Variant Impact

In this section we describe the biological function of the gene affected, and how any variants determined to be pathogenic result in an increased cancer risk, and the associated cancer types.

Implications

In this section we describe the impact a variant can have in regards to family members. We will discuss how variants are passed on through families and who may be at risk of inheriting it.

Recommended Actions

In this section we provide recommended actions, which may include increased surveillance through cancer screening programmes. The results will be discussed during the genetic counselling appointment.

Evidence for Pathogenicity

In this section we list the evidence criteria that has been used to determine the pathogenicity of the variants included in the report. We use internationally approved guidelines, established by a panel of clinical genetics experts, for evidence collation to help determine the impact of variants.

Panel Performance

In this section we describe how well the panel testing has performed. As part of our validation procedures, we defined a number of stringent performance metrics that are required to be met in order for us to have high confidence in the assay performance. If these are not met then a result is deemed uninformative and we may need to perform re-testing or request a new specimen.

Genes Tested

This section provides a list of the genes that were included on the test panel.

Methods and Limitations

This section describes how we generated the test result. It contains information about the technology used, the performance parameters and any limitations of the test.