

# STP Test Information Sheet

## What genes are covered in the STP genetic test?

The analysis may detect mutations in the DNA across the following genes:

STP Gene List							
<i>AKT1</i>	<i>CYSLTR2</i>	<i>FBXW7</i>	<i>GNAS</i>	<i>KIT</i>	<i>PDGFRA</i>	<i>PTPN11</i>	<i>SRSF2</i>
<i>ALK</i>	<i>DDR2</i>	<i>FGFR1</i>	<i>H3F3</i>	<i>KRAS</i>	<i>PIK3CA</i>	<i>RAC1</i>	<i>STK11</i>
<i>ARAF</i>	<i>EGFR</i>	<i>FGFR2</i>	<i>HIST1H3B</i>	<i>MAP2K1</i>	<i>PLCB4</i>	<i>RAF1</i>	<i>TERT</i>
<i>BRAF</i>	<i>EIF1AX</i>	<i>FGFR3</i>	<i>HRAS</i>	<i>MET</i>	<i>POLD1</i>	<i>RET</i>	<i>TP53</i>
<i>CDKN2A</i>	<i>ERBB2</i>	<i>GNA11</i>	<i>IDH1</i>	<i>NRAS</i>	<i>POLE</i>	<i>SF3B1</i>	<i>TSHR</i>
<i>CTNNB1</i>	<i>ERBB4</i>	<i>GNAQ</i>	<i>IDH2</i>	<i>NTKR1</i>	<i>PTEN</i>	<i>SMAD4</i>	

## Sample requirements

To perform this test, we require a tissue sample. DNA will be extracted from these samples and tested. The tumour samples will most likely be taken from biopsy samples. Previous biopsies can also be used in most cases. Blood is not required for this test, but we recommend providing it as it does improve the quality of the test result.

Key:

- Included in both ACP and STP Panels
- Included in both ACP and HRD Panels
- Included in both HRD and STP Panels
- Included in HRD, STP, ACP Panels