



*Targeted Gene Regions Interrogated
by Gastrointestinal Stromal Tumor
Targeted Gene Panel*

Next-generation sequencing (NGS) is performed to test for the presence of single nucleotide variants in targeted regions of the *KIT* and *PDGFRA* genes.

Genomic Build: GRCh37 (hg19)

Gene	RefSeq Transcript¹	Targeted Regions
<i>KIT</i>	NM_000222.2	55561673-55561784
<i>KIT</i>	NM_000222.2	55592158-55592221
<i>KIT</i>	NM_000222.2	55593418-55593495
<i>KIT</i>	NM_000222.2	55593577-55593695
<i>KIT</i>	NM_000222.2	55594172-55594279
<i>KIT</i>	NM_000222.2	55595497-55595562
<i>KIT</i>	NM_000222.2	55597489-55597524
<i>KIT</i>	NM_000222.2	55599281-55599358
<i>KIT</i>	NM_000222.2	55602674-55602751
<i>PDGFRA</i>	NM_006206.4	55141003-55141103
<i>PDGFRA</i>	NM_006206.4	55144102-55144178
<i>PDGFRA</i>	NM_006206.4	55144539-55144653
<i>PDGFRA</i>	NM_006206.4	55152025-55152135

¹ Reference transcript numbers may have been updated due to database re-versioning. Refer to the patient report for the most updated gene transcript information. Always refer to final reports for the gene transcript information that is pertinent to each patient at the time of testing.

To verify if a specific region/exon/variant is covered by this assay, contact the Genomics Laboratory at 800-533-1710.