

SureSeq myPanel



A Sysmex Group Company

NGS Custom Cancer panels

Features

Hybridisation-based panels delivering unparalleled coverage uniformity

- Detect difficult to sequence, low-frequency variants consistently and with confidence

Pre-optimised content that meets your exact requirements

- No more laborious in-house optimisation, decreasing assay development time

Bespoke panel content

- Create your ideal NGS panel and sequence only what's relevant for your research

Complimentary Interpret NGS data analysis software

- Easy-to-use analysis solution for accurate detection of all variants



Introduction

Discover our NGS panel content and get the most out of your sequencing runs

SureSeq myPanel™ is a regularly updated, expert-curated library of pre-optimised cancer panel content for you to select from. Simply mix and match the gene, exonic or intronic content you need to create an NGS cancer panel that meets your exact requirements. Our unique panel design coupled with hybridisation-based enrichment offers unparalleled coverage completeness and uniformity. This allows the accurate detection of difficult to sequence, low-frequency variants and minimises the requirement for supplementary fill-in with Sanger sequencing.

Getting started with your next SureSeq myPanel NGS Custom Cancer panel could not be simpler




Solid Tumour

SureSeq myPanel — pre-optimised NGS custom panel content is available for research into a wide range of conditions, including:




Haematological Cancer




Acute Myeloid Leukaemia

<i>ASXL1</i>	<i>IRF1</i>
<i>BCOR</i>	<i>JAK3</i>
<i>BCORL1</i>	<i>KIT</i>
<i>CBLB</i>	<i>KMT2A</i>
<i>CBLC</i>	<i>KRAS</i>
<i>CEBPA</i>	<i>NPM1</i>
<i>CUX1</i>	<i>NRAS</i>
<i>DDX41</i>	<i>PHF6</i>
<i>DNMT3A</i>	<i>RUNX1</i>
<i>ETV6</i>	<i>SMC1A</i>
<i>FLT3</i>	<i>TET2</i>
<i>GATA1</i>	<i>TP53</i>
<i>IDH1</i>	<i>U2AF1</i>
<i>IDH2</i>	<i>WT1</i>
<i>IKZF1</i>	




Chronic Lymphocytic Leukaemia

<i>ATM</i>	<i>PTPN11</i>
<i>BIRC3</i>	<i>RB1</i>
<i>BRAF</i>	<i>RPS15</i>
<i>BTK</i>	<i>SAMHD1</i>
<i>FBXW7</i>	<i>SF3B1</i>
<i>IKZF1</i>	<i>TP53</i>
<i>IRF1</i>	<i>XPO1</i>
<i>KRAS</i>	
<i>MYD88</i>	
<i>NFKBIE</i>	
<i>NOTCH1</i>	
<i>PIK3CA</i>	
<i>PLCG2</i>	
<i>POT1</i>	




Chronic Myeloid Leukaemia

<i>ABL1</i>
<i>BCR</i>
<i>CALR</i>
<i>CSF3R</i>
<i>CBLB</i>
<i>CBLC</i>
<i>ETNK1</i>
<i>SETBP1</i>
<i>TP53</i>




Multiple Myeloma

<i>C-MYC</i>
<i>KRAS</i>
<i>NRAS</i>
<i>TP53</i>




Myelodysplastic syndromes (MDS)

<i>ASXL1</i>	<i>KRAS</i>
<i>BCORL1</i>	<i>NPM1</i>
<i>CBL</i>	<i>NRAS</i>
<i>CUX1</i>	<i>RUNX1</i>
<i>DDX41</i>	<i>SF1</i>
<i>DNMT3A</i>	<i>SF3A1</i>
<i>ETV6</i>	<i>SF3B1</i>
<i>EZH2</i>	<i>SMC1A</i>
<i>GATA2</i>	<i>SRSF2</i>
<i>IDH1</i>	<i>TET2</i>
<i>IDH2</i>	<i>TP53</i>
<i>IKZF1</i>	<i>U2AF1</i>
<i>IRF1</i>	<i>U2AF2 (U2AF65)</i>
<i>ETNK1</i>	<i>ZRSR2</i>
<i>JAK3</i>	



Myeloid Disorders

<i>ASXL1</i>	<i>DDR2</i>	<i>FLT3</i>	<i>MAP2K2</i>	<i>SETBP1</i>
<i>BCOR</i>	<i>DDX41</i>	<i>GATA1</i>	<i>MPL</i>	<i>SF3B1</i>
<i>BCORL1</i>	<i>DNMT3A</i>	<i>GATA2</i>	<i>MYD88</i>	<i>SH2B3 (LNK)</i>
<i>BRAF</i>	<i>EGLN</i>	<i>GNAS</i>	<i>NF1</i>	<i>SRP72</i>
<i>CALR</i>	<i>EPAS1</i>	<i>GNB1</i>	<i>NFE2</i>	<i>SRSF2</i>
<i>CBL</i>	<i>EP300</i>	<i>HRAS</i>	<i>NOTCH1</i>	<i>STAG2</i>
<i>CEBPA</i>	<i>EPOR</i>	<i>IDH1</i>	<i>NPM1</i>	<i>STAT2</i>
<i>CHEK2</i>	<i>ETNK</i>	<i>IDH2</i>	<i>NRAS</i>	<i>STAT3</i>
<i>CREBBP</i>	<i>ETV6</i>	<i>IKZF1</i>	<i>PAX5</i>	<i>STAT5B</i>
<i>CSF3R</i>	<i>EZH2</i>	<i>IRF</i>	<i>PHF6</i>	<i>TERC</i>
<i>CTNNA1</i>	<i>FBXW7</i>	<i>JAK1</i>	<i>POLE</i>	<i>TERT</i>
<i>CUX1</i>	<i>FGFR2</i>	<i>JAK2</i>	<i>PPM1D</i>	<i>TET2</i>
		<i>KIRREL43</i>	<i>PPP1R1A</i>	<i>TP53</i>
		<i>KIT</i>	<i>PTPN11</i>	<i>U2AF1 (U2AF35)</i>
		<i>KMT2A (MLL)</i>	<i>RAD21</i>	<i>VHL</i>
		<i>KMT2C</i>	<i>RAF1</i>	<i>WT1</i>
		<i>KRAS</i>	<i>RNF43</i>	<i>ZRSR2</i>
			<i>RUNX1</i>	



Myeloproliferative neoplasms (MPN) / Myelodysplastic syndromes (MDS) Overlap

<i>ASXL1</i>	<i>EZH2</i>	<i>NRAS</i>	<i>TET2</i>
<i>BCOR</i>	<i>FLT3</i>	<i>PDGFRA</i>	<i>TP53</i>
<i>BCORL1</i>	<i>IDH1</i>	<i>PTPN11</i>	<i>U2AF1</i>
<i>BRAF</i>	<i>IDH2</i>	<i>RUNX1</i>	<i>U2AF2 (U2AF65)</i>
<i>CALR</i>	<i>IKZF1</i>	<i>SETBP1</i>	<i>ZRSR2</i>
<i>CBL</i>	<i>IRF1</i>	<i>SF1</i>	
<i>CSF3R</i>	<i>JAK2</i>	<i>SF3A1</i>	
<i>CUX1</i>	<i>JAK3</i>	<i>SF3B1</i>	
<i>DDX41</i>	<i>KIT</i>	<i>SH2B3 (LNK)</i>	
<i>DNMT3A</i>	<i>KRAS</i>	<i>SMC1A</i>	
<i>ETNK1</i>	<i>MPL</i>	<i>SRSF2</i>	
<i>ETV6</i>	<i>NF1</i>		

Ordering information

Product	Contents	Cat. No.
SureSeq myPanel NGS Custom Cancer Panels	Enrichment baits; Interpret Software	various
Universal NGS Workflow Solution (24)	Bundle of 1x Universal Library Preparation Kit (24), 1x NGS Index adapters plate (24), 1x NGS Hyb & Wash Kit (24), 1x Universal Beads kit (24). Sufficient for 24 samples	770500-24
Universal NGS Workflow Solution (96)	Bundle of 1x Universal Library Preparation Kit (96), 1x NGS Index adapters plate (96), 1x NGS Hyb & Wash Kit (96), 1x Universal Beads kit (96). Sufficient for 96 samples	770500-96

Put our expertise to work for you.

Go to www.ogt.com/ngs_products to find out more about SureSeq™ NGS Custom Cancer Panels, library preparation kits, reagents and Interpret, our complimentary, easy-to-use next generation sequencing analysis solution.

Ordering information

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A Sysmex Group Company

**What binds us,
makes us.**

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