

SureSeq Myeloid Plus Panel : 対象遺伝子領域

Gene	Exons	Gene	Exons	Gene	Exons
<i>ASXL1</i>	Exon 12	<i>GNAS</i>	Exons 8-10	<i>PTPN11</i>	Exons 3 and 13
<i>BCOR</i>	All coding exons	<i>IDH1</i>	Exon 4	<i>RAD21</i>	All coding exons
<i>BCORL1</i>	All coding exons	<i>IDH2</i>	Exons 4 and 5	<i>RUNX1</i>	All coding exons
<i>BRAF</i>	Exon 15	<i>IKZF1</i>	All coding exons	<i>SETBP1</i>	Exon 4
<i>CALR</i>	Exon 9	<i>IRF1</i>	All coding exons	<i>SF3B1</i>	Exons 13-16
<i>CBL</i>	Exons 8 and 9	<i>JAK1</i>	All coding exons	<i>SH2B3 (LNK)</i>	All coding exons
<i>CEBPA</i>	All coding exons	<i>JAK2</i>	Exons 12 and 14	<i>SRSF2</i>	Exon 1
<i>CSF3R</i>	Exons 14-17	<i>KIT</i>	Exons 2, 8-11, 13, and 17	<i>STAG2</i>	All coding exons
<i>CTNNA1</i>	All coding exons	<i>KMT2A (MLL)</i>	All coding exons	<i>TET2</i>	Exons 3-11
<i>CUX1</i>	All coding exons	<i>KRAS</i>	Exons 2 and 3	<i>TP53</i>	All coding exons (transcript NM_000546)
<i>DDX41</i>	All coding exons	<i>MPL</i>	Exon 10	<i>U2AF1 (U2AF35)</i>	Exons 2 and 6
<i>DNMT3A</i>	All coding exons	<i>MYD88</i>	Exons 3 and 5	<i>WT1</i>	Exons 7 and 9
<i>ETNK1</i>	All coding exons	<i>NOTCH1</i>	Exons 26-28, 34 and partial 3' UTR	<i>ZRSR2</i>	All coding exons
<i>ETV6</i>	All coding exons	<i>NPM1</i>	Exon 12	<i>AMELY</i>	All coding exons
<i>EZH2</i>	All coding exons	<i>NRAS</i>	Exons 2 and 3	<i>AMELX</i>	All coding exons
<i>FBXW7</i>	Exons 9-11	<i>PAX5</i>	All coding exons	<i>TGIF2LY</i>	All coding exons
<i>FLT3</i>	Exons 13, 14, 15, 20	<i>PHF6</i>	All coding exons	<i>TGIF2LX</i>	All coding exons
<i>GATA2</i>	Exons 2-6	<i>PPM1D</i>	All coding exons		

SureSeq Myeloid Plus Panel : 製品概要

Application	Haematology
Areas of interest	Myeloid
Panel Size	131 kb
Gene Targets	49 (+4)
Aberration Types	SNV, indel, ITD, PTD
Mean target coverage	>700x
Coverage uniformity	>99% of bases at >20% of mean target coverage
DNA input recommended	>500ng high quality DNA
Limit of detection	SNVs/ indels: 2.5 - 5% VAF
Samples per MiSeq®	16 samples / run v2 run

SureSeq Myeloid Plus Panel : 製品情報

Product	Contents	Cat. No.
SureSeq Myeloid Plus Complete Solution (24)	Enrichment baits sufficient for 3 x 8-sample pools. Bundle of 1 x Universal Library Preparation Kit (24) containing PCR primers and enzymes. 1 x Universal Hybridisation & Wash Kit (24). 1 x Universal Bead Kit (24). 1 x Universal index adapter kit (24). Interpret Software	780002-24
SureSeq Myeloid Plus Complete Solution (96)	Enrichment baits sufficient for 12 x 8-sample pools. Bundle of 1 x Universal Library Preparation Kit (96) containing PCR primers and enzymes. 1 x Universal Hybridisation & Wash Kit (96). 1 x Universal Bead Kit (96). 1 x Universal index adapter kit (96). Interpret Software.	780002-96
SureSeq Myeloid Plus Panel (24)	Enrichment baits sufficient for 3 x 8-sample pools	770002-24
SureSeq Myeloid Plus Panel (96)	Enrichment baits sufficient for 12 x 8-sample pools	770002-96
Universal NGS Workflow Solution (24)	Bundle of 1 x Universal Library Preparation Kit (24) containing, PCR primers and enzymes. 1 x Universal Hybridisation & Wash Kit (24). 1 x Universal index adapter kit (24).	770500-24
Universal NGS Workflow Solution (96)	Bundle of 1 x Universal Library Preparation Kit (96) containing PCR primers and enzymes. 1 x Universal Hybridisation & Wash Kit (96). 1 x Universal index adapter kit (96).	770500-96

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