Illumina cancer panel portfolio

Application		Solid Tumor							
Product		AmpliSeq™ for Illumina BRCA Panel	TruSight™ Tumor 15	AmpliSeq for Illumina Cancer Hotspot Panel v2	AmpliSeq for Illumina Focus Panel	AmpliSeq for Illumina Comprehensive Panel v3	TruSight Tumor 170	AmpliSeq for Illumina Comprehensive Cancer Panel	TruSight Oncology 500
Genomic Content	# genes	2	15	50	52	161	170	409	523
Input	Sample Type	DNA	DNA	DNA	DNA, RNA	DNA, RNA	DNA, RNA	DNA	DNA, RNA
	Sample Input	20 ng*	20 ng*	10 ng*	10 ng DNA* 10 ng RNA*	20 ng DNA* 20 ng RNA*	40 ng DNA* 40 ng RNA*	40 ng*	40 ng DNA* 40 ng RNA*
Variants Detected	SNV/InDel	✓	✓	✓	✓	✓	✓	✓	✓
	CNV		✓		✓	✓	✓	✓	✓
	Fusion				✓	✓	✓		✓
	Splice Variants				✓	✓	✓		✓
	MSI								✓
	TMB								✓

*FFPE-compatible.

For more information, visit www.illumina.com/cancerpanels

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Application		Germline		Hematology		Hematology-Solid Tumor		
Product		AmpliSeq for Illumina BRCA Panel	TruSight Cancer	TruSight Myeloid	AmpliSeq for Illumina Myeloid	AmpliSeq for Illumina Childhood Cancer Panel	TruSight RNA Fusion	TruSight RNA Pan-Cancer
Genomic Content	# genes	2	94	54	69	203	507	1,385
Input	Sample Type	DNA	DNA	DNA	DNA, RNA	DNA, RNA	RNA	RNA
	Sample Input	20 ng	50 ng	50 ng	20 ng DNA 10 ng RNA	20 ng DNA* 20 ng RNA*	10–100 ng*	10–100 ng*
Variants Detected	SNV/InDel	✓	✓	✓	✓	✓		✓
	CNV		✓		✓	✓		
	Fusion				✓	✓	✓	✓
	Splice Variants				✓	✓		
	Expression				✓			✓

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