

Supplemental Table 5 - Comparison of tissue 47-gene and plasma 61-gene panels¹

Covered by Both Panels							
<i>AKT1</i>	<i>ALK</i>	<i>ATM</i>	<i>BRAF</i>	<i>CDH1</i>	<i>CTNNB1</i>	<i>EGFR</i>	<i>ERBB2</i>
<i>FBXW7</i>	<i>FGFR1</i>	<i>FGFR2</i>	<i>FGFR3</i>	<i>FLT3</i>	<i>GNA11</i>	<i>GNAS</i>	<i>GNAQ</i>
<i>HRAS</i>	<i>IDH1</i>	<i>KDR</i>	<i>KIT</i>	<i>KRAS</i>	<i>MET</i>	<i>NOTCH1</i>	<i>NRAS</i>
<i>PDGFRA</i>	<i>PIK3CA</i>	<i>PTEN</i>	<i>RET</i>	<i>SMO</i>	<i>TP53</i>	<i>VHL</i>	
Covered Only by ctDNA Panel							
<i>AKT3</i>	<i>ALG10</i>	<i>AR</i>	<i>CDKN2A</i>	<i>CDKN2B</i>	<i>CWH43</i>	<i>DDR2</i>	<i>EMBP1</i>
<i>EPHA3</i>	<i>ESR1</i>	<i>FGFR4</i>	<i>FOXL2</i>	<i>HGF</i>	<i>HOXD8</i>	<i>IDH2</i>	<i>IGF1R</i>
<i>MAP2K1</i>	<i>MAP2K2</i>	<i>MITF</i>	<i>NF1</i> ²	<i>NTRK1</i>	<i>NTRK2</i>	<i>NTRK3</i>	<i>PHLPP1</i>
<i>PIK3R1</i>	<i>RAC1</i>	<i>ROS1</i>	<i>TSC1</i>	<i>TSC2</i>	<i>ZNF716</i>		
Covered Only by Tissue Panel							
<i>ABL1</i>	<i>CSF1R</i>	<i>ERBB4</i>	<i>HNF1A</i>	<i>JAK2</i>	<i>JAK3</i>	<i>MLH1</i>	<i>MPL</i>
<i>NPM1</i>	<i>PTPN11</i>	<i>RB1</i>	<i>SMAD4</i>	<i>SMARCB1</i>	<i>SRC</i>	<i>APC</i>	<i>STK11</i>

¹Full exon coverage for all 61 genes except *NF1*, plus intron tiling for *ALK*, *RET*, and *ROS1*.

²Full exon coverage for all *NF1* exons except the last, 3-prime, exon.