

**Table S2.** Covered exonic regions in targeted next generation sequencing analyses

<b>Gene</b>	<b>covered exons</b>
<i>BRAF</i>	11,15
<i>EGFR</i>	18-21
<i>ERBB2</i>	5,6,15,20,23,29
<i>FGFR1</i>	3,7,13,17
<i>FGFR3</i>	7,9
<i>HRAS</i>	2-4
<i>IDH1</i>	4
<i>IDH2</i>	4
<i>KIT</i>	9,10,11,13,17,18
<i>KRAS</i>	2-4
<i>MET</i>	3,8,11,14,19
<i>NRAS</i>	2-4
<i>PDGFR<math>\alpha</math></i>	12,14,18
<i>PIK3CA</i>	3,5,10,16,21
<i>RET</i>	7,10,11,13-16
<i>STK11</i>	1-9
<i>TP53</i>	2-11