

**Supplemental Table 3:** Levels of serum 2HG relative to tumor burden in *IDH1*-mutant and *IDH2*-mutant intrahepatic cholangiocarcinoma patients in the Validation cohort.

<b>Pt ID</b>	<b>Size of Tumor</b>	<b>Treatment</b>	<b>2HG levels</b>
P3	4.3 x 5.4 x 4.2 cm	Surgery, no chemotherapy or RT	108 ng/ml
P14	5.0 x 5.0 x 5.0 cm	Surgery, no chemotherapy or RT	174 ng/ml
P2	5.5 x 7.0 x 8.8 cm	Surgery, no chemotherapy or RT	211 ng/ml
P30	7.3 x 7.3 x 7.3 cm	Surgery, no chemotherapy or RT	343 ng/ml
P15	8.3 x 6.4 x 5.2 cm	Surgery, no chemotherapy or RT	545 ng/ml
P36	8.6 x 8.0 x 8.0 cm	Surgery, palliative RT after surgery	648 ng/ml
P23	15 x 15 x 15 cm	Surgery, no chemotherapy or RT	1212 ng/ml