

**Supplementary Table S2** – BRAF, TERTp and RAS molecular status in lymph node metastases at diagnosis, locoregional recurrences and distant metastases and distribution in the different PTC variants.

Gene(s)	Status	Lymph node metastases	Locoregional recurrences	Distant metastases
		N=31	N=16	N=2 <sup>‡</sup>
<b>BRAF</b>	wt	14	4	0
	<b>p.Val600Glu</b>	<b>17 (54.8%)</b>	<b>12 (75.0%)</b>	<b>1 (n.a.)</b>
<b>TERTp</b>	wt	27	10	0
	<b>-124 G&gt;A</b>	<b>2 (6.7%)</b>	<b>3 (20.0%)</b>	<b>1 (n.a.)</b>
	<b>-146 G&gt;A</b>	<b>1 (3.3%)</b>	<b>2 (13.3%)</b>	-
	<b>-124/-125 G&gt;A</b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>	-
<b>BRAF/TERTp</b>	BRAF <sup>wt</sup> /TERTp <sup>wt</sup>	13	2	0
	<b>BRAF<sup>mut</sup>/TERTp<sup>wt</sup></b>	<b>14 (46.7%)</b>	<b>8 (53.3%)</b>	-
	<b>BRAF<sup>wt</sup>/TERTp<sup>mut</sup></b>	<b>1 (3.3%)</b>	<b>2 (13.3%)</b>	-
	<b>BRAF<sup>mut</sup>/TERTp<sup>mut</sup></b>	<b>2 (6.7%)</b>	<b>3 (20.0%)</b>	<b>1 (n.a.)</b>
<b>RAS</b>	wt	31	15	2 <sup>‡</sup>
	<b>RAS<sup>mut</sup></b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>	<b>(n.a.)</b>

<sup>‡</sup>one distant metastasis only amplified for NRAS; wt: wild-type; mut: mutated; n.a.: Not applicable.