

SUPPLEMENTARY TABLE S2. GERMLINE VARIANTS IN FAMILIAL PAPILLARY THYROID CANCER-ASSOCIATED GENES

<i>Patient no.</i>	<i>Gene</i>	<i>Position</i>	<i>Effect</i>	<i>Alteration</i>	<i>gnomAD AF</i>	<i>rs ID</i>
1	<i>FGD6</i>	12:95602805	Arg752Leu	C → A	0.00849	rs117209224
4	<i>SMARCD3</i>	7:150972217	Pro8Thr	G → T	0.00292	rs140745398
4	<i>IDE</i>	10:94291530	Lys212Asn	T → A	0.00132	rs116003953
4	<i>NFRKB</i>	11:129752394	Pro345His	G → T	0.00044	rs116056970
4	<i>RNF169</i>	11:74459939	Gly5Asp	G → A	0.00149	rs189351853
4	<i>RNF213</i>	17:78263495	Ala373Gly	C → G	0.00200	rs114454593
4	<i>RNF213</i>	17:78319966	Gly2660Arg	G → A	0.00175	rs116594105
4	<i>RNF213</i>	17:78333998	Asp3780Gly	A → G	0.00272	rs115808000
5	<i>AGK</i>	7:141341124	Thr268Asn	C → A	0.00100	rs142779190
5	<i>NFRKB</i>	11:129739546	His1125Arg	T → C	0.00542	rs143202036
5	<i>RNF213</i>	17:78313242	Thr1741Ile	C → T	N/A	N/A
6	<i>THBS4</i>	5:79368142	Arg588Cys	C → T	0.00003	rs758548190
6	<i>NSMF</i>	9:140349727	Arg45Gln	C → T	0.00002	rs745916712
7	<i>SALL4</i>	20:50406732	Ser764Pro	A → G	0.00423	rs150549656
8	<i>AARS</i>	16:70286740	Gly931Ser	C → T	0.00759	rs149377346
8	<i>RNF213</i>	17:78313281	Thr1754Lys	C → A	0.00433	rs147868237
9	<i>FGD6</i>	12:95602805	Arg752Leu	C → A	0.00849	rs117209224
9	<i>NAPB</i>	20:23358066	Arg282Cys	G → A	N/A	N/A
10	<i>CTDSP1</i>	2:219266388	His57Asp	C → G	0.00244	rs141917217
12	<i>TDRD6</i>	6:46661479	Val1872Leu	G → T	0.00544	rs142413497
12	<i>UNC79</i>	14:94009007	Met397Val	A → G	0.00002	rs774399849
12	<i>P DPR</i>	16:70176193	Arg458Cys	C → T	0.00009	rs374988246
12	<i>KDSR</i>	18:61022458	Asp132Glu	A → T	0.00001	rs761321465

AF, allele frequency; N/A, not available.