Supplementary Table S2. Association Analysis Results for Five SNPs in Ohio and Polish Cohorts, After Removing Cases of Follicular Variant of Papillary Thyroid Cancer

Cohort	*SNP ID*	*Chr. location*	*Risk allele*	*Control/ PTC (n)*	*OR*[a]	*95% CI*[a]	p-*value*[a]	*Risk allele freq: PTC*	*Risk allele freq: control*
Ohio	rs966423	2q35	C	(930/508)	1.35	[1.16, 1.58]	1.75×10^{-4}	0.497	0.415
	rs944289	14q13	T	(1032/522)	1.28	[1.10, 1.51]	1.99×10^{-3}	0.638	0.580
	rs2439302	8p15	G	(938/508)	1.51	[1.29, 1.77]	4.24×10^{-7}	0.565	0.467
	rs116909374	14q13	T	(932/496)	1.97	[1.31, 2.98]	1.11×10^{-3}	0.049	0.026
	rs965513	9q22	A	(941/572)	2.10	[1.80, 2.47]	$<2\times10^{-16}$	0.507	0.327
Poland	rs966423	2q35	C	(1899/1550)	1.15	[1.01, 1.30]	3.13×10^{-2}	0.461	0.425
	rs944289	14q13	T	(1913/1531)	1.21	[1.06, 1.37]	3.55×10^{-3}	0.624	0.595
	rs2439302	8p15	G	(1901/1522)	1.27	[1.12, 1.44]	2.20×10^{-4}	0.548	0.485
	rs116909374	14q13	T	(2010/1590)	1.73	[1.17, 2.58]	6.27×10^{-3}	0.032	0.019
	rs965513	9q22	A	(1911/1545)	1.78	[1.57, 2.04]	$<2\times10^{-16}$	0.460	0.352

FVPTC cases excluded: Ohio, $n=154$; Poland, $n=172$.

[a]The allelic odds ratio (OR) with 95% confidence interval (95% CI) and *p*-values, obtained by applying multivariate logistic regression adjusting for age and sex. Derived ORs were used for the weighted risk score analysis.