

Supplementary Table 2. Clinical information of affected and key non-affected individuals of 10 families showing I

Kindred	Individual number ^a	Gender	Relationship to Proband	Cancer & age at diagnosis	AITD ^b
1	1	F	Mother	PTC-49	No
	2	F	Maternal aunt	Uveal melanoma-80; Cutaneous melanoma 70	No
	3	F	Maternal aunt	PTC-82	Yes
	4	F	Maternal aunt	None	No
	5	M	Brother	PTC-48; Melanoma-47	No
	6	F	Proband	PTC, fv ^c -56	Yes
	7	M	Maternal 1st cousin	PTC-57	Yes
	8	M	Maternal 1st cousin	PTC-51; Melanoma-30	No
	9	F	Maternal 1st cousin	PTC-37	No
	10	F	Maternal 1st cousin	None	Yes
	11	F	Maternal 1st cousin	PTC-50	U
	12	F	Maternal 1st cousin	None	Yes
	13	F	Maternal 1st cousin	None	Yes
	14	M	Maternal 1st cousin	None	No
	15	F	Maternal 1st cousin	None	No
	16	F	Maternal 1st cousin	None	No
	17	M	Maternal 1st cousin	None	No
	18	M	Maternal 1st cousin once removed	Melanoma, synchronous-20	No
	NS ^d	M	Maternal uncle	Melanoma-78	U
3	1	M	Proband	PTC-60	Yes
	2	F	Maternal 1st cousin	PTC-22	U
	3	F	Maternal 1st cousin	None	Yes
	4	F	Maternal 1st cousin	PTC-44	U
6	1	M	Proband	PTC-37	No
	2	F	Niece	PTC-17	No
	3	F	Sister	None	No
	4	M	Nephew	None	No
	5	F	Maternal grandmother	None	No
8	1	M	Proband	PTC-74	No
	2	F	Sister	PTC-80	No
	3	F	Niece	FTC and microPTC-51	No
	4	F	Sister	PTC, fv-69	Yes
	5	M	Paternal 1st cousin	PTC-40	No

	6	F	Sister	None	Yes
	7	F	Niece	None	Yes
	8	F	Niece	None	No
	9	F	Niece	None	No
	10	F	Niece	None	No
9	1	F	Proband	PTC-38	No
	2	F	Niece	PTC-25	No
	3	M	Nephew	Melanoma	No
	4	F	Sister	None	Yes
10	1	F	Proband	PTC-48	No
	2	F	Sister	PTC-42	Yes
12	1	F	Proband	PTC-27	No
	2	F	Daughter	PTC-26	Yes
	3	F	Daughter	PTC, fv-20	No
17	1	F	Proband	PTC-55	No
	2	M	Grandson	PTC-26	No
	3	F	Sister	PTC-59	U
	4	F	Niece	Melanoma-30	U
	5	F	Niece	Melanoma-30	U
	6	M	Nephew	Melanoma-30	U
	7	F	Sister	None	No
	8	F	Niece	None	Yes
	9	F	Granddaughter	None	No
	10	F	Granddaughter	None	No
20	1	F	Proband	PTC-48	Yes
	2	F	Paternal half-sister	PTC-38	Yes
	3	F	Mother	Melanoma-79	No
	4	M	Father	Melanoma-74	No
	5	F	Paternal aunt	Uveal melanoma-79	U
24	1	F	Proband	PTC-39	No
	2	F	Sister	Mixed PTC/FTC-39	Yes
	3	M	Brother	PTC-39	No
	4	F	Mother	Ovarian-58	No

^a For kindred 1, the individual number shown here corresponds to the individual number shown in Figure 1

^b AITD = autoimmune thyroid diseases, including Hashimoto's thyroiditis and Graves' disease.

^c PTC, fv = PTC, follicular variant

^d Not shown in Figure 1

inkage to the 8q24 locus

Multinodular goiter (MNG)/nodules
No
Y-MNG
Yes-MNG
Yes-nodules
Yes-MNG
No
Yes-MNG
No
Y-MNG; Follicular adenoma
No
U
Yes-Hurthle cell adenoma
Yes-MNG
Yes-MNG
Y-MNG
Yes-nodules
Yes-nodules
No
U
Yes-MNG
U
No
U
Yes-follicular adenoma
No
Yes-MNG
Yes-Cold nodule
Yes-nodules
Yes-MNG
No
Yes- Follicular adenoma
No
Yes-MNG

Yes
Yes-MNG
Yes-MNG
Yes-MNG
Yes-MNG
No
No
No
No
Yes-MNG
Yes-MNG
Yes - MNG
Yes-follicular adenoma
No
No
No
U
U
U
U
Yes-nodules
No
Yes-nodules
Yes-nodules
Yes- MNG
No
No
No
U
Yes-MNG
No
Yes-MNG
Yes-MNG

