

Table 1. Hormonal and genotype results from all family members harboring *TSHR* gene mutations

No.	Gender	Age* (Years)	TT ₄ (µg/dl)	TT ₃ (ng/dl)	TrT ₃ (ng/dl)	FT ₄ I	TSH (mIU/l)	Genotype
IV-6	F	21	5.9	105	13	5.8	45**	L653V/L653V
IV-9	F	10	6.8	157	14	7.4	37	L653V/L653V
IV-10	F	6.3	7.9	164	16	6.8	49	L653V/L653V
V-2	M	4.3	7.8	124	22	8.3	46	L653V/L653V
V-3	M	3 wk	9	171	6***	8.7	54	L653V/L653V
IV-4	M	4	12	193***	27	11	9.6	P68S/L653V
IV-12	M	11	7.7	140	16	8.6	15	P68S/L653V
IV-13	F	8	9.8	175	24	11	14	P68S/L653V
IV-22	M	6	7.4	160	20	10	8.4	P68S/L653V
III-2	F	35	9.8	138	23	9.3	2**	P68S/WT
III-3	M	39	9.8	172	18	9.3	2.6	P68S/WT
IV-11	M	12	9.6	197	20	9.6	6.6	P68S/WT
III-13	F	26	6.3	111	13	8.1	1.6	P68S/WT
III-4	M	43	7.2	138	15	7.7	2.7	L653V/WT
III-5	F	43	7	137	15	7.3	2.9	L653V/WT
VI-7	M	20	6.3	131	15	7.4	2.7	L653V/WT
VI-8	F	14	10	177	26	8.2	3.6	L653V/WT
III-1	M	39	8.9	162	17	9.1	6.3	L653V/WT
IV-3	F	7	9.4	173	20	10	4.4	L653V/WT
III-6	F	33	8.7	113	19	9.2	6.7**	L653V/WT
III-7	M	41	6.7	117	15	8.1	2.8	L653V/WT
IV-15	M	10	8.2	170	19	8.7	2.5	L653V/WT
III-10	M	34	6.5	98	15	7.7	3.6	L653V/WT
III-11	M	27	7.3	129	17	8.1	4.2	L653V/WT
III-8	F	40	8.4	135	18	8.2	2	L653V/WT
IV-17	F	9	8.5	152	22	9.4	4.7	L653V/WT
IV 20	F	44	8.8	153	26	9	6.3**	L653V/WT
III-9	F	37	11.9	178	28	6.3	3	L653V/WT
IV-23	M	31	8.5	149	18	8.1	2.6	L653V/WT
IV-24	F	26	7.4	94	18	7.7	2	L653V/WT
V-1	F	5	8.7	157	20	9.5	3	L653V/WT
III-12	M	30	7.6	100	27	9.5	5.1	L653V/WT
IV-21	M	8	9.3	145	18	10	3.3	L653V/WT
Normal range			5.0-11.6	90-180	14-30.	6.0-10.5	0.4-3.6	

*At presentation

**AITD (Positive TPO and TG antibodies).

*** Normal for age

Levels outside the normal ranges are marked in bold number