

Table 1: Clinical and laboratory characteristics of the four patients with thyroid hormone resistance syndrome due to variants in the *THRB* gene.

| Pt | Age (yrs) | Gender | Clinical signs at presentation | FT4 | FT3 | TSH | TSH receptor abs | Variant |
|-----------|------------------|---------------|---------------------------------------|------------|------------|------------|-------------------------|----------------|
| 1 | 27 | Female | Goiter, R.tachycardia, tx PTU | 24.2 | 7.42 | 3.49 | Negative | p.Arg438Cys |
| 2 | 35 | Male | Goiter, AF, tx CM | 30.2 | 11.19 | 2.89 | Negative | p.His435Leu |
| 3 | 9.2 | Male | Goiter, LD obesity | 54.9 | 15.2 | 2.55 | Negative | p.Pro453Thr |
| 4 | 8.3 | Male | Goiter, ADHD, R.tachycardia | 26.8 | 10.25 | 1.89 | Negative | p.Arg438Cys |

Pt: patient, R.tachycardia: resting tachycardia, PTU: propylthiouracyl, AF: atrial fibrillation, CM: carbimazole, LD: learning difficulties, ADHD: attention deficit and hyperactivity disorder, FT4: free thyroxine (normal range: 12-22 pmol/L), FT3: free triiodothyronine (normal range: 3-6.5 pmol/L), TSH: thyroid-stimulating hormone (normal range: 0.27-4.2 mU/L).