

Table. S1 Clinical characteristics of patients with Graves' disease (GD) and healthy control subjects (HC) for microarray analysis.

	GD	HC	p-Value
Number	3.000	3.000	-
male	0.00%	0.00%	-
Female	100.00%	100.00%	-
Age (years) ^a	30.000±2.000	31.670±1.225	0.319
FT3 (pmol/L) ^a	45.380±4.623	4.160±0.166	<0.001
FT4 (pmol/L) ^a	92.720±7.283	17.530±0.555	<0.001
TSH (mIU/L) ^a	0.006±0.001	1.390±0.121	<0.001
TRAb (IU/L) ^b	40.000(28.180-40.000)	1.000(0.900-1.000)	<0.001
TgAb (IU/L) ^b	125.600(68.900-480.550)	10.000(10.000-10.500)	<0.001
TPOAb (IU/L) ^b	61.070(55.340-249.190)	9.000(9.000-9.000)	<0.001

aVariables are expressed as mean ± standard deviation (SD); an unpaired independent sample t-test was used for comparisons between groups. **b**Variables are shown as median (IQR); a Non-parametric Mann–Whitney test was performed for comparisons between groups. $p < 0.05$ is considered to be statistically significant.

FT3 free T3, FT4 free T4, TRAb thyrotropin receptor antibodies, TPOAb, thyroperoxidase antibody, TgAb antithyroglobulin antibody.