Table S1. Serum thyroid antibodies and hormone in euthyroid thyroid cancer patients.

| Patients | Age/Gender | T3 (ng/ml) | T4 (μg/dl) | FT3 (pmol/L) | FT4 (pmol/L) | TSH (μIU/ml) | Anti-TPO (U/ml) | Anti-TG Ab(%) | TM-Ab (IU/L) | Type of Thyroid Cancer |
|----------|------------|------------|------------|--------------|--------------|--------------|----------------|---------------|--------------|----------------------|
| 1        | 38/Female  | 0.85       | 8.09       | 5.19         | 15.90        | 2.81         | <15.0         | 1.22          | 2.21         | Papillary Thyroid cancer |
| 2        | 35/Female  | 1.25       | 8.23       | 4.67         | 11.88        | 2.07         | <15.0         | 4.06          | 1.10         | Papillary Thyroid cancer |
| 3        | 48/Male    | 0.95       | 5.90       | 4.30         | 12.70        | 1.90         | <15.0         | 3.03          | 2.70         | Papillary Thyroid cancer |
| 4        | 50/Female  | 0.92       | 7.30       | 6.26         | 13.12        | 3.20         | 12            | 2.30          | 3.40         | Papillary Thyroid cancer |
| 5        | 40/Male    | 0.83       | 7.40       | 3.70         | 12.30        | 1.80         | 10            | 3.40          | 1.92         | Papillary Thyroid cancer |
| 6        | 30/Male    | 0.97       | 6.70       | 5.15         | 11.10        | 1.70         | 8             | 4.20          | 2.20         | Papillary Thyroid cancer |
| 7        | 43/Female  | 1.30       | 7.70       | 4.40         | 13.20        | 1.94         | 7             | 2.70          | 1.75         | Papillary Thyroid cancer |
| 8        | 46/Female  | 0.97       | 6.30       | 6.10         | 12.50        | 2.60         | 9             | 3.20          | 1.60         | Papillary Thyroid cancer |
| 9        | 49/Male    | 1.20       | 8.20       | 4.13         | 14.50        | 1.97         | 6             | 2.90          | 1.70         | Papillary Thyroid cancer |
| 10       | 33/Female  | 0.97       | 7.30       | 3.90         | 11.70        | 1.95         | 11            | 3.70          | 1.60         | Follicular Thyroid cancer |
| 11       | 42/Female  | 0.94       | 8.30       | 3.95         | 11.30        | 2.09         | 9             | 1.70          | 1.90         | Papillary Thyroid cancer |
| 12       | 36/Male    | 0.95       | 7.90       | 5.30         | 13.70        | 2.10         | 6             | 1.80          | 1.40         | Papillary Thyroid cancer |
| 13       | 31/Female  | 1.10       | 8.06       | 5.10         | 12.10        | 2.32         | 7             | 3.60          | 2.10         | Follicular Thyroid cancer |
| 14       | 47/Male    | 1.11       | 6.94       | 3.40         | 12.30        | 2.30         | 7             | 1.80          | 2.11         | Follicular Thyroid cancer |
| 15       | 39/Male    | 1.12       | 7.45       | 3.90         | 14.30        | 2.23         | 5             | 2.55          | 1.96         | Papillary Thyroid cancer |
| 16       | 37/Male    | 0.94       | 8.07       | 4.23         | 11.70        | 1.98         | 6             | 2.10          | 1.30         | Papillary Thyroid cancer |
Table S2. Serum thyroid antibodies and hormone in healthy subjects.

| Control | Age/Gender | T3 (µg/ml) | T4 (µg/dL) | FT3 (pmol/L) | FT4 (pmol/L) | TSH (µIU/ml) | Anti-TPO (U/ml) | Anti-TG Ab(%) | TM-Ab (IU/L) |
|---------|------------|------------|------------|--------------|--------------|--------------|----------------|--------------|-------------|
| 1       | 35/Female  | 1.09       | 7.11       | 4.14         | 12.1         | 1.96         | Negative       | Negative     | Negative    |
| 2       | 41/Female  | 0.99       | 5.31       | 3.67         | 13.31        | 1.21         | Negative       | Negative     | Negative    |
| 3       | 40/Male    | 1.08       | 4.21       | 3.88         | 14.23        | 1.86         | Negative       | Negative     | Negative    |
| 4       | 36/Male    | 0.91       | 4.32       | 3.63         | 9.19         | 2.12         | Negative       | Negative     | Negative    |
| 5       | 38/Male    | 0.94       | 6.12       | 5.11         | 15.12        | 1.37         | Negative       | Negative     | Negative    |
| 6       | 49/Female  | 1.13       | 5.61       | 4.23         | 11.13        | 1.98         | Negative       | Negative     | Negative    |
| 7       | 50/Male    | 0.91       | 5.82       | 5.15         | 10.16        | 3.13         | Negative       | Negative     | Negative    |
| 8       | 45/Female  | 0.89       | 6.42       | 4.14         | 14.17        | 2.51         | Negative       | Negative     | Negative    |
| 9       | 37/Female  | 0.88       | 4.65       | 3.67         | 13.19        | 3.23         | Negative       | Negative     | Negative    |
| 10      | 43/Male    | 0.92       | 5.71       | 6.18         | 11.41        | 2.45         | Negative       | Negative     | Negative    |