

Supplemental Table 1: Taqman probes and gene names

| Gene symbol | Gene name | Assay ID |
|------------------------------|--|-----------------------------|
| <i>Dio1</i> | deiodinase, iodothyronine, type I | Mm00839358_m1 |
| <i>Dio2</i> | deiodinase, iodothyronine, type II | Mm00515664_m1 |
| <i>Dio3</i> | deiodinase, iodothyronine type III | Mm00548953_s1 |
| <i>Gapdh</i> | glyceraldehyde-3-phosphate dehydrogenase | Mm99999915_g1 |
| <i>Hprt1</i> | hypoxanthine guanine phosphoribosyl transferase | Mm01545399_m1 |
| <i>Luc</i> | THAI mouse dCpG luciferase | custom probe, see ref. [12] |
| <i>Mct8</i> | monocarboxylate transporter 8 | Mm01232724_m1 |
| <i>Oatp1c1</i> | solute carrier organic anion transporter family member 1c1 | Mm00451845_m1 |
| <i>proTrh</i> | Thyrotropin-releasing hormone | Mm01963590_s1 |
| <i>Trh-de</i> | TRH degrading ectoenzyme | Mm00455443_m1 |
| <i>Trh-r1</i> | TRH receptor 1 | Mm00443262_m1 |
| <i>Tshβ</i> | Thyroid-stimulating hormone | Mm03990915_g1 |