

Manuscript Title		
Determination of Thyroidal EDCs Activities Using Approved Human Cell-based Transactivation Assay		
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Table S1. Summary of the PCR conditions used to construct the RRE-secNluc-EGFP reporter cassette.

Amplicon name	Primer name	Primer sequence (5'→3')	PCR condition	
TRE	For-BglIII-TRE Rev-HindIII-TRE	ATATATAGATCTAGGTCACCTCAGGTCACCAG ATATATGGATCCAAGCTTCCATTATATAGAATT	Pre-denaturation	94°C, 5 min
			Denaturation	94°C, 30 s
			35× Annealing	58°C, 30 s
			Extension	72°C, 30 s
			Final extension	72°C, 7 min
TRE-secNluc	For-BglIII-TRE Rev-SacI-secNluc	ATATATAGATCTAGGTCACCTCAGGTCACCAG ATATATGAGCTCTTACGCCAGAATGCGTTCGC	Pre-denaturation	94°C, 5 min
			Denaturation	94°C, 30 s
			35× Annealing	58°C, 30 s
			Extension	72°C, 1 min
			Final extension	72°C, 7 min
TRE-secNluc-EGFP	For-BglIII-TRE Rev-ClaI-EGFP	ATATATAGATCTAGGTCACCTCAGGTCACCAG ATATATATCGATTACTTGTACAGCTCGTCCA	Pre-denaturation	94°C, 5 min
			Denaturation	94°C, 30 s
			35× Annealing	58°C, 30 s
			Extension	72°C, 2 min 30 s
			Final extension	72°C, 7 min

* Thyroid hormone response element (DR4) with a minimal TATA box-secreted Nanoluc luciferase-EGFP