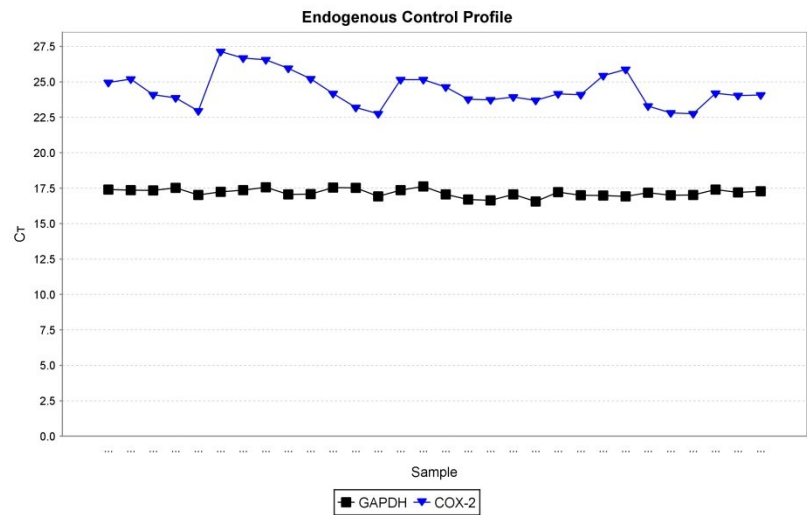
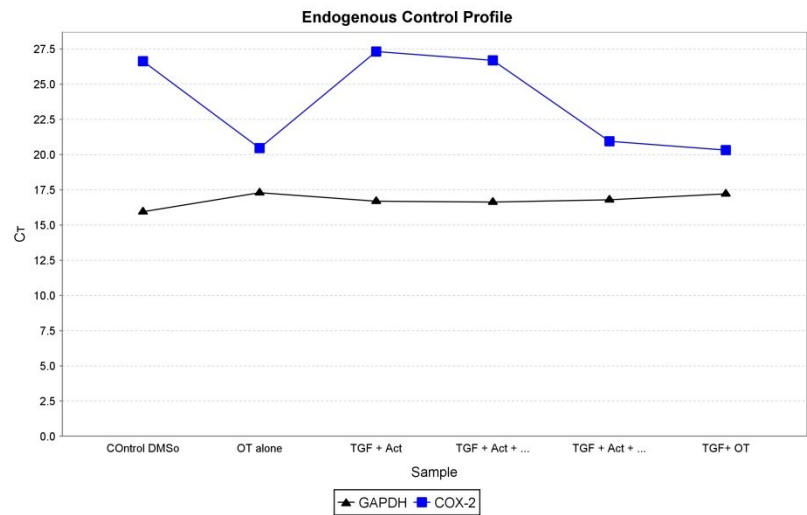


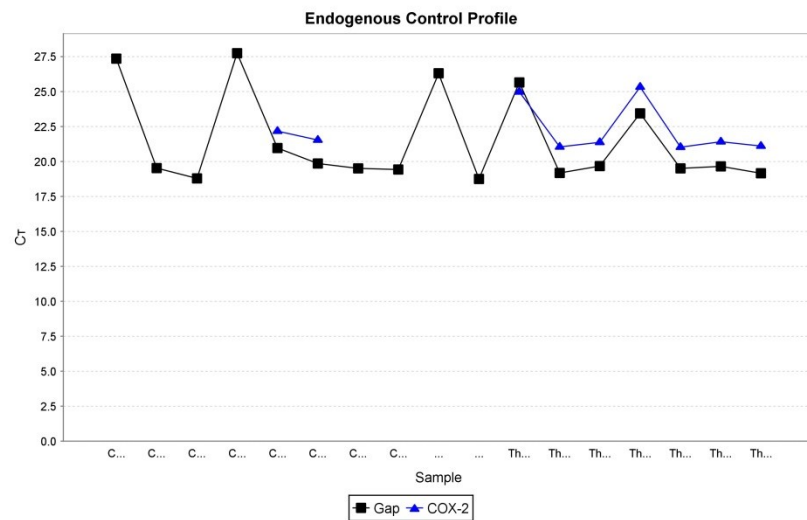
QC-file of RT-PCR and quantitative analysis of flow-cytometry



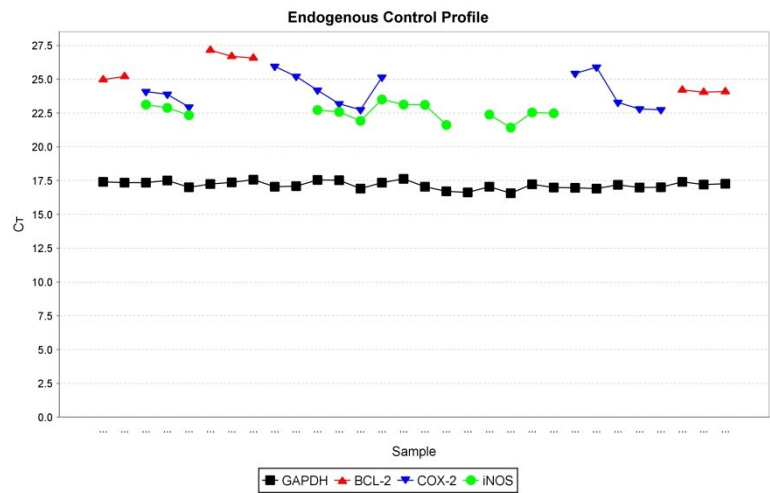
QC for fig. 3D COX-2



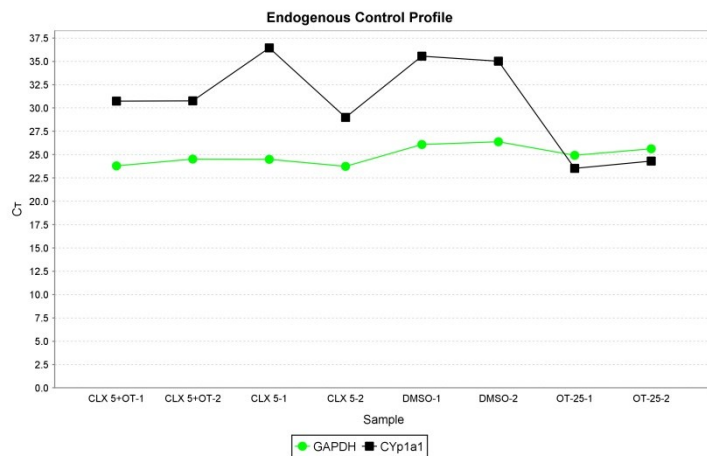
QC for fig. 3K Micro-RNA stability



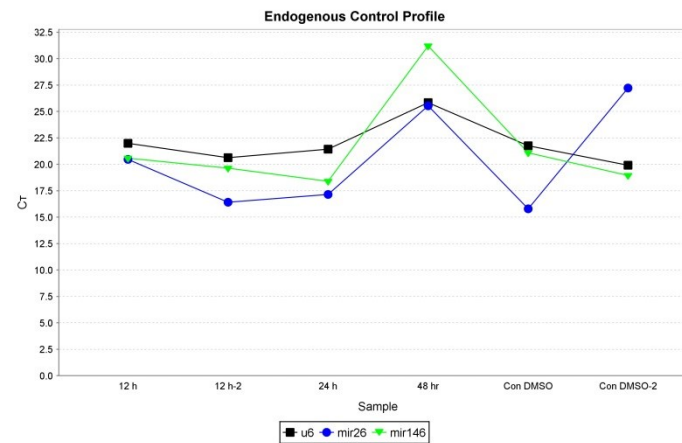
QC for fig. 5E clx cox



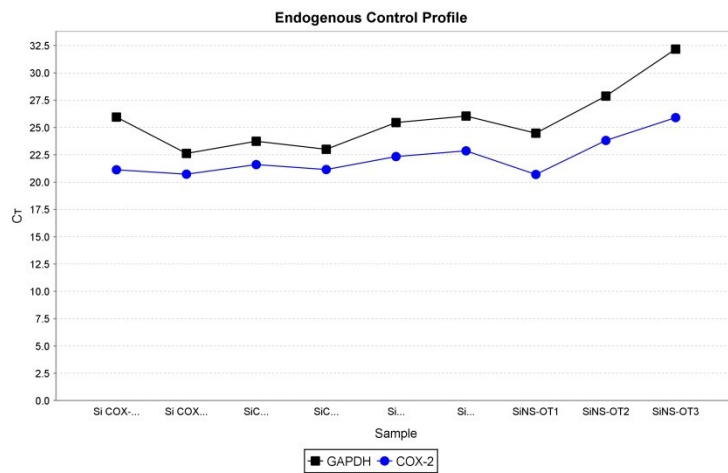
QC for fig. 5H BCL-2, COX-2, iNOS



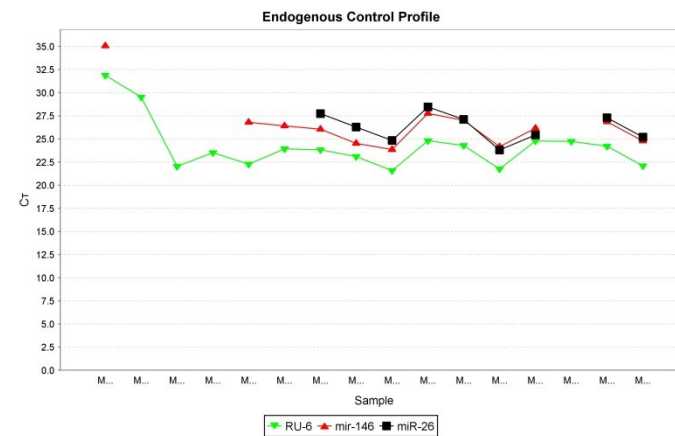
**QC for fig-5E CYP-1A1**



**QC for fig. 7A miR-146 mir-26**



**QC for fig.7C si-cox-2**



**QC for fig. 7F si-cox-2 miR-146 mir-26**

Table S1: Cytometric quantification of OT on apoptotic modifications in A549 lung cancer cell lines challenged with CLX.

<b>Population</b>	<b>CLX 5μM</b>	<b>CLX 5μM + OT 25 μM</b>	<b>OT-25 μM</b>
Population all	16248	17542	15972
R1	97	7753	3530
R2	210	8421	4121

R1- Apoptotic gating region; R2- Necrotic gating region

Table S2: Cytometric quantification of OT effect on apoptosis in silenced COX-2 transfected A549 cancer cell lines.

<b>Population</b>	<b>SiNS</b>	<b>SiNS-OT-25 μM</b>	<b>Si-COX-2</b>	<b>Si-Cox-2 OT-25 μM</b>
Population all	12432	13534	13329	12762
R1	385	3225	1055	3752
R2	435	1488	2132	5104

R1- Apoptotic gating region; R2- Necrotic gating region