

Supplementary materials.

Tables S1-4. Analysis of expression of the *Ar* gene in DI TNC1 cell line using quantitative real-time PCR.

Table S1.

Ct	Ywhaz_rat_1	Ywhaz_rat_2	B2M_rat_1	UBC_rat_1	AR_3
RNA control	N/A	39,06	N/A	35,03	40,87
	N/A	38,55	N/A	34,51	44,18
DI TNC1 control	17,32	18	16,45	17,44	28,07
	17,25	17,99	16,55	17,4	28,58
DI TNC1 testosterone 5µM	16,88	17,9	16,35	17,71	28,77
	17,18	17,99	16,31	17,52	28,42
DI TNC1 testosterone 40µM	17,15	17,95	16,18	17,35	28,23
	16,73	17,94	16,24	17,34	28,37

Table S2. Mean:

Ct	Ywhaz_rat_1	Ywhaz_rat_2	B2M_rat_1	UBC_rat_1	AR_3
ctrl	17,285	17,995	16,5	17,42	28,325
testo 5µM	17,03	17,945	16,33	17,615	28,595
testo 40µM	16,94	17,945	16,21	17,345	28,3

Table S3.

geo mean HKG	
ctrl	17,29
testo 5µM	17,28
testo 40µM	17,15

Table S4.

Ar mRNA copies per 10⁴ averaged reference gene mRNAs	
C	4,78
T 5µM	3,93
T 40µM	4,40

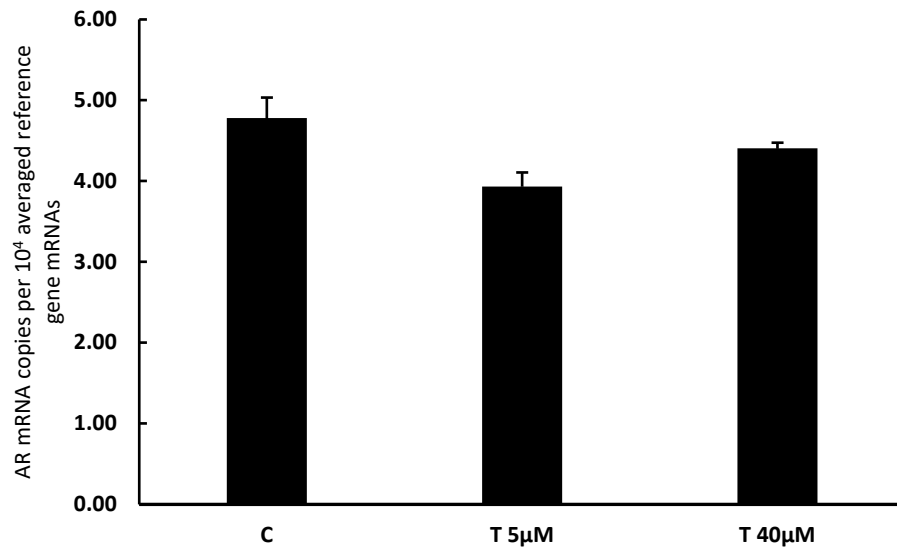


Figure S1: The expression of *Ar* gene was quantified at mRNA level by real-time PCR and expression level was expressed relative to a validated set of reference (housekeeping) genes. It was confirmed that DI TNC1 cell line expresses androgen receptor. Significance of overall differences was tested by one-way ANOVA ($p < 0.05$). Significance of differences between treated samples and control was tested by Tukey's post-hoc test (* - $p < 0.05$).