

CORRECTION

Correction: TCTP Is an Androgen-Regulated Gene Implicated in Prostate Cancer

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There is an error in the first sentence of the “RNA interference” subsection of the Materials and Methods. The correct sentence is: Synthetic siRNA targeting TCTP (target sequence 5'-CCATCACCTGCAGGAAACA-3') was obtained from Dharmacon, while siRNA for luciferase (target sequence: 5'-AACTTACGCTGAGTACTTCGA-3') was from Qiagen.

There is an error in the title of the fourth subsection of the Results. The correct title is: Down-regulation of TCTP Results in Down-regulation of Immune Response Genes in LNCaP Cells.



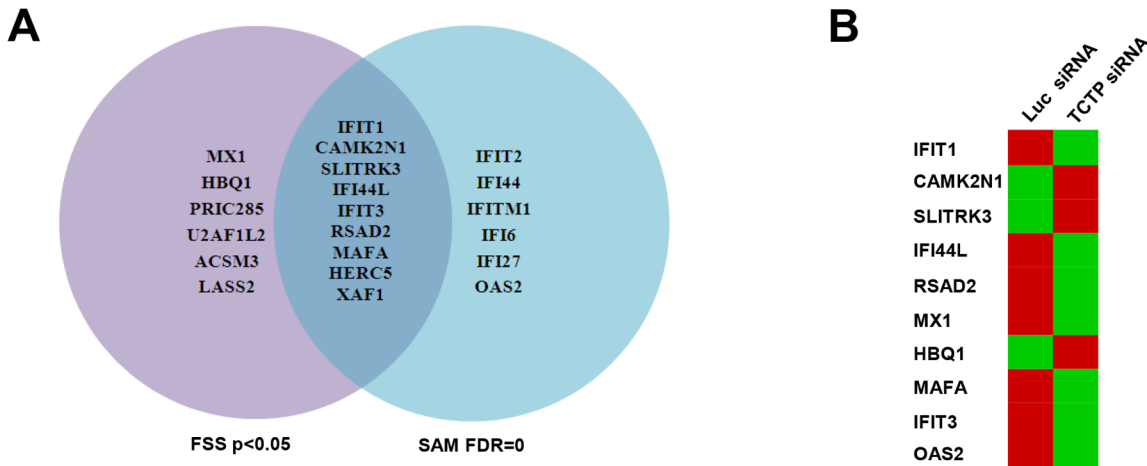
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There is an error in the legend for Fig 4. Please see the complete, corrected Fig 4 here.



Accession number	Symbol	Definition	Ontology	FC relative to Luc
NM_001548.2	IFIT1	Interferon-induced protein with tetratricopeptide repeats 1	immune response	-8.48
NM_018584.5	CAMK2N1	Calcium/calmodulin-dependent protein kinase II inhibitor 1	control of tumor cell growth	2.96
NM_014926.2	SLITRK3	SLIT and NTRK-like family, member 3	neurine outgrowth	1.47
NM_006820.1	IFI44L	Interferon-induced protein 44-like	immune response	-2.93
NM_001031683.1	IFIT3	Interferon-induced protein with tetratricopeptide repeats 3	immune response	-4.13
NM_080657.4	RSAD2	Radical S-adenosyl methionine domain containing 2	immune response	-2.09
NM_201589.2	MAFA	V-maf musculoaponeurotic fibrosarcoma oncogene homolog A	regulation of transcription	-2.82
NM_002462.2	MX1	Homo sapiens myxovirus (influenza virus) resistance 1	immune response	-1.35
NM_005331.3	HBQ1	Hemoglobin, theta 1	oxygen transport	1.57
NM_002535.2	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	immune response	-2.32

Fig 4. TCTP knockdown decreases interferon induced gene expression. LNCaP cells were transfected with siRNA against *TCTP* or *Luciferase* for 72 h, RNA was isolated and used in global gene expression profiling as described in Materials and Methods. **A.** Venn diagram of the genes that are significantly regulated by gene expression profiling. **B.** Heatmap representation of genes up- or down-regulated in response to *TCTP* knockdown. Red and green represent up- and downregulated genes, respectively. **C.** List of the ten most significantly regulated genes with their accession numbers, definition and the ontology process for which they are implicated in. The fold change relative to *Luciferase* siRNA treated cells are indicated.

doi:10.1371/journal.pone.0128727.g001

There is an error in the legend for Fig 5. Please see the complete, corrected Fig 5 here.

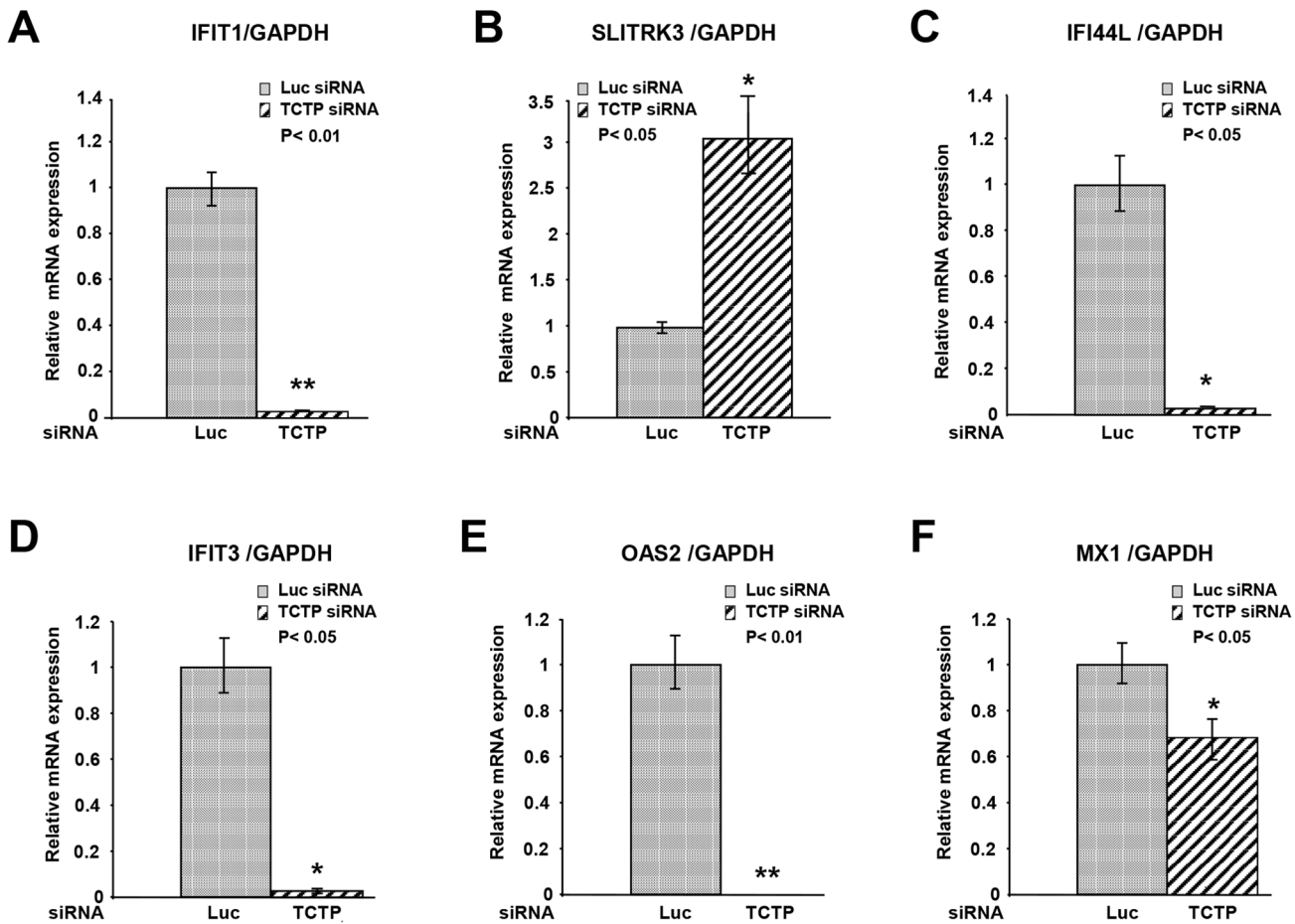


Fig 5. Reduction of TCTP decreases interferon induced gene expression. A-F. qPCR was used to assess expression of genes predicted to be differentially expressed in cells transfected with Luc-siRNA versus TCTP-siRNA. The mRNA expression was normalized to *GAPDH* and was calculated relative to Luc-siRNA samples (set to 1). Experiments were carried out in triplicate. All error bars represent \pm SEM. Statistical significance was assessed using two-tailed, paired Student's t-test with *: $P < 0.05$ and **: $P < 0.01$ being considered as significant.

doi:10.1371/journal.pone.0128727.g002

Reference

1. Kaarbø M, Storm ML, Qu S, Wæhre H, Risberg B, Danielsen HE, et al. (2013) TCTP Is an Androgen-Regulated Gene Implicated in Prostate Cancer. *PLoS ONE* 8(7): e69398. doi:10.1371/journal.pone.0069398 PMID: 23894469