

## SUPPLEMENTARY DATA

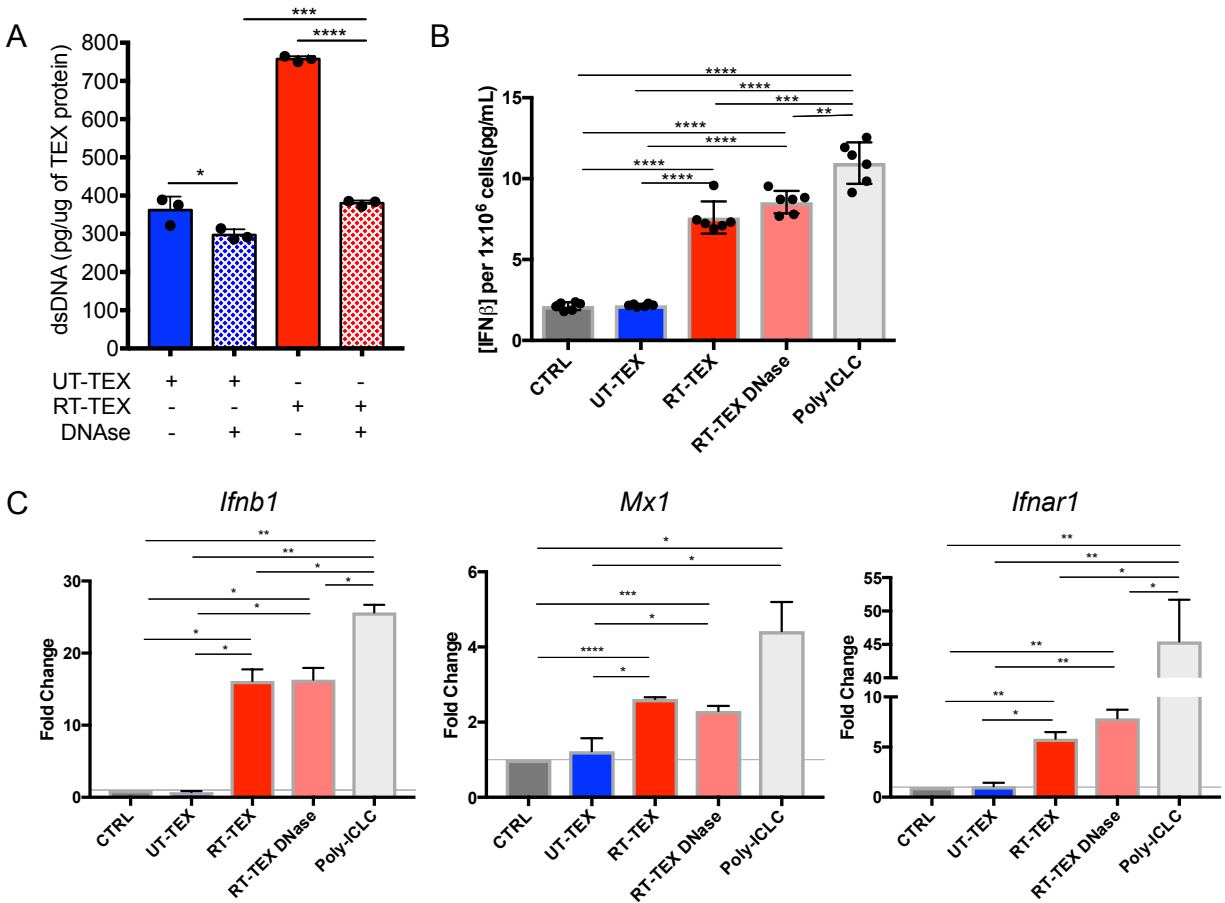
**Table S1. List of 114 proteins identified in RT TEX but not UT-TEX<sup>A</sup>**

Cdv3	Adss	Actr2
Ptma;Gm6625	Tes;Gm4985	Srm
Tceb1	Tpt1	Bri3bp
Tardbp	Gng2	Tmx3
Eif5a	Gnb2l1	Kiaa1467
Epb4.1;Epb41	Tuba4a;Tuba8	Sept11;Sept6
Rbmx;Rbmxl1	Oas1g;Oas1a	Rangap1
Rbbp7	Hsd17b12	Pygb
Nrd1	Npepps	Slco4a1
Bcat1	Scamp3;Tu52	Eif3l
Tfg	Farsb	Eif3c
Otub1	Aqp1	Lrrc8c
Qdpr	Ctsb	Ciapi1
Sec11a	Khsrp	Rab14
Sqstm1	Adcy7	Brk1
Snrpa	Hist1h1d;Hist1h1c	Vcam1
Eif4g1	Prkcsh	Rab31
Cse1l	Tm9sf3	Taldo1
Alcam	Naca	Gps1
Ide	Ptgs2	Kars
Atp11a	Dnajc13	Eif3e
Psme1	Rap1a;Gm9392	Tmem33
Spr	Kpna4;Kpna3	Tars
Cyb5;Cyb5a	Kpna2	Apmmap
Utrn	Dbi	Gsdmdc1
Pld3	Rpl14	Alad
Api5	Dnaja1	Ipo7
Atp2a2;Atp2a1	Irgm1;lfggd3	Tnfrsf23;Tnfrsf22
Vamp8	Rbbp4	Slc9a3r2
Cpd	Cdc37	Hspe1-rs1;Hspe1
Pdia4	Bcap31	Uchl3;Uchl4
Aprt	Rpn2	Tcirg1
Gpx1	Mpp1	Sigirr
Rps16	Adh5	Txnrd1
Gstp1	Scrib	Galk1
F3	Usp14	Asah1
Gna13	Slc9a1;Slc9a2	Gipc1
Psmb8	Nceh1	Rpl13a

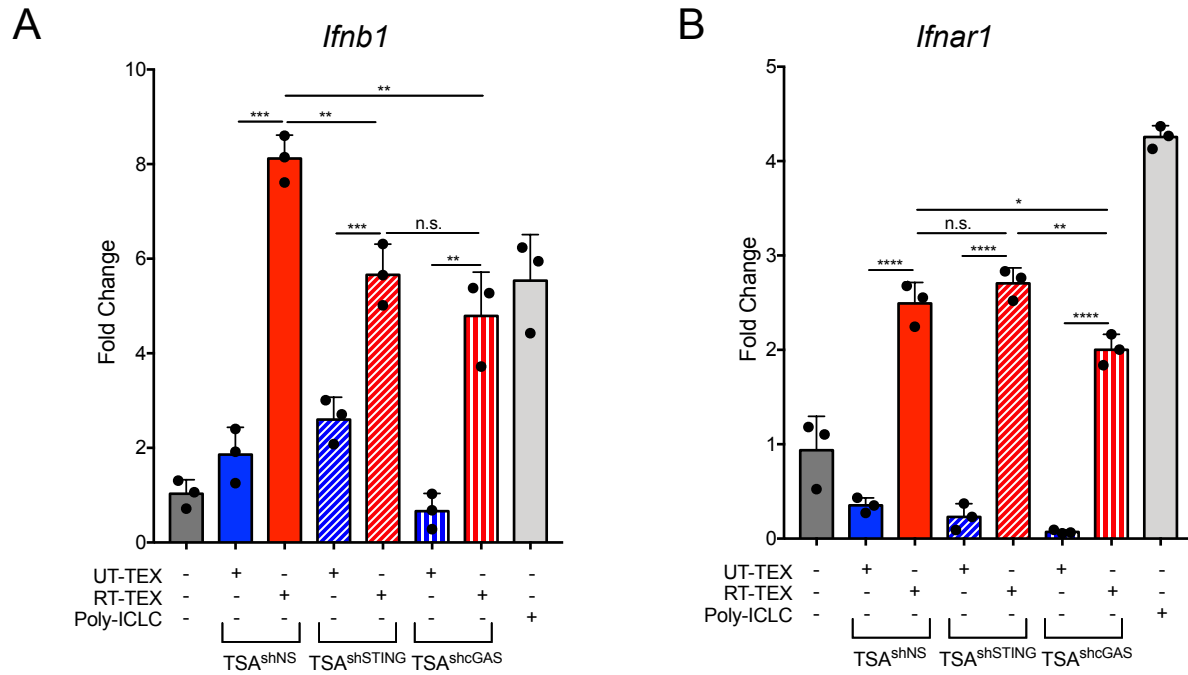
<sup>A</sup> A single protein, Rpl10a, was present in UT-TEX but not RT-TEX

**Table S2. Shared pathways predicted by IPA to be activated or inhibited in RT TEX as compared to UT-TEX**

<b>ACTIVATED</b>	Z-score	P-value	<b>INHIBITED</b>	Z-score	P-value
Thrombin Signaling	2.236	0.009	STAT3 Pathway	-2	0.003954052
Tec Kinase Signaling	2.000	0.004	RhoGDI Signaling	-1.667	4.0245E-07
Actin Cytoskeleton Signaling	1.941	1.57285E-08	PPAR Signaling	-1	0.009262858
CXCR4 Signaling	1.890	0.000663358			
PI3K/AKT Signaling	1.633	0.000815054			
Cardiac Hypertrophy Signaling	1.633	0.00491384			
Integrin Signaling	1.508	4.06632E-06			
Regulation of Actin-based Motility by Rho	1.414	1.42092E-06			
Phospholipase C Signaling	1.342	8.62323E-06			
PAK Signaling	1.342	0.002012238			
Colorectal Cancer Metastasis Signaling	1.342	0.067922			
IL-8 Signaling	1.265	1.02544E-05			
ILK Signaling	1.134	6.25828E-05			
Protein Kinase A Signaling	1.134	0.00789293			
Paxillin Signaling	1	6.46918E-05			
Leukocyte Extravasation Signaling	1	0.000106152			
Glioma Invasiveness Signaling	1	0.003399518			
ERK/MAPK Signaling	1	0.031716478			
Sphingosine-1-phosphate Signaling	1	0.004543141			
HGF Signaling	1	0.003533186			
HMGB1 Signaling	1	0.030215453			



**Figure S1. Externally bound dsDNA is not required for RT-TEX-induced activation of recipient DCs.** (A) To determine the amount of surface-bound dsDNA versus internal dsDNA TEX produced by TSA cells were mock-treated or treated with DNase-I before dsDNA measurement, as indicated. (B, C) CD11c<sup>+</sup> DCs were cultured for 48 h with medium alone (CTRL), with TEX derived from untreated (UT-TEX) or irradiated (RT-TEX) TSA cells, or with the TLR3 agonist poly:ICLC. RT-TEX were pre-treated or not with DNase I, as indicated. (B) IFNβ measured by ELISA in supernatant of DC. (C) Gene expression evaluated by qRT-PCR. Using a Student's two-tailed *t*-test, \*,  $p < 0.05$ ; \*\*,  $p < 0.005$ ; \*\*\*,  $p < 0.0005$ ; \*\*\*\*,  $p < 0.00005$ .



**Figure S2. Down-regulation of cGAS and STING in TSA cells does not impair RT-TEX-induced activation of recipient DCs.** (A, B) CD11c<sup>+</sup> DCs were cultured for 48 h with TEX derived from untreated and RT-treated TSA<sup>shNS</sup>, TSA<sup>shSTING</sup>, TSA<sup>shcGAS</sup> cells, or with the TLR3 agonist poly:ICLC, as indicated. Expression of *Ifnb* (A) and *Ifnar* (B) was analyzed by qRT-PCR. Using a Student's two-tailed *t*-test, n.s., not significant; \*,  $p < 0.05$ ; \*\*,  $p < 0.005$ ; \*\*\*,  $p < 0.0005$ ; \*\*\*\*,  $p < 0.00005$ .