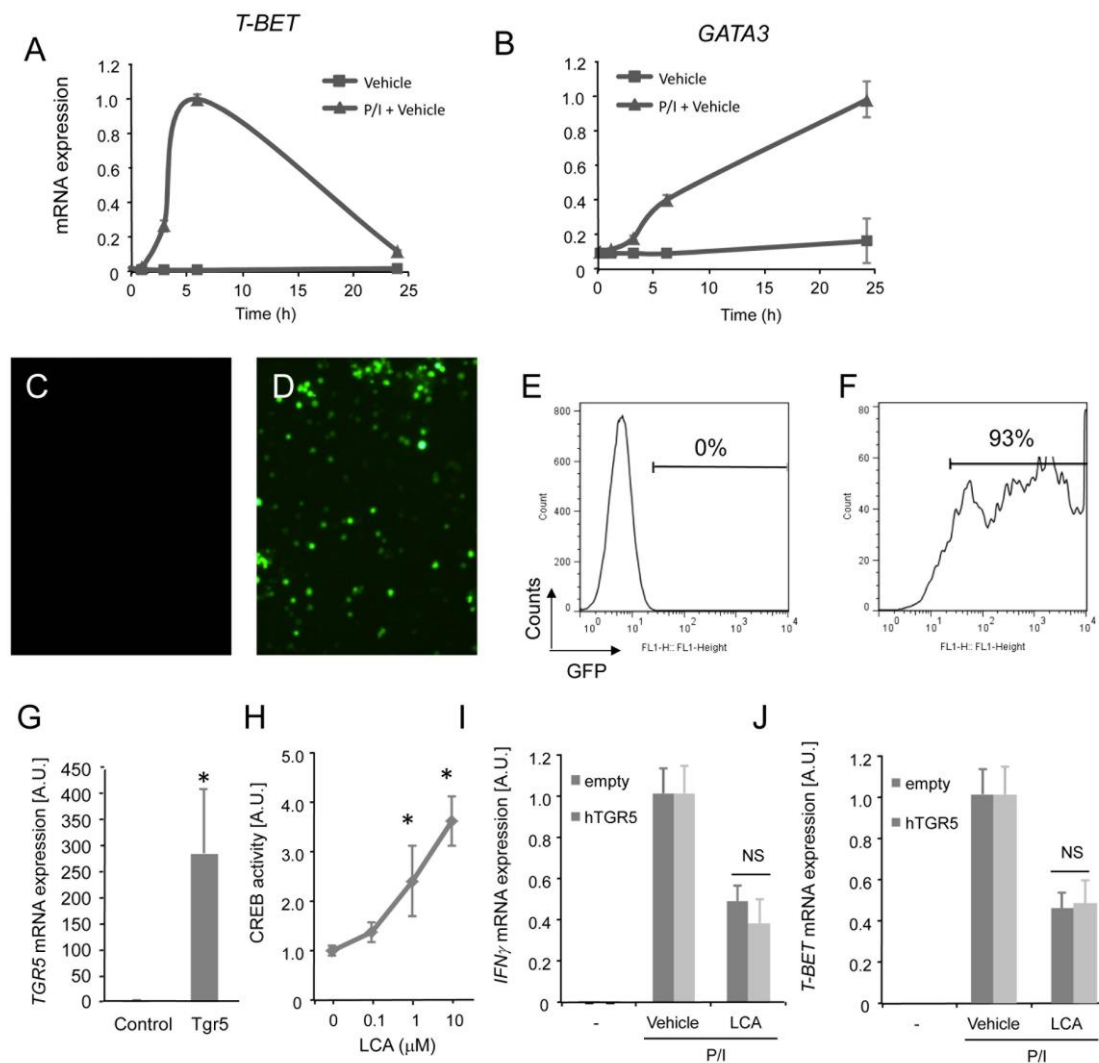


S3 Figure



mRNA expression of (A) *T-BET* and (B) *GATA3* in response to P/I-activated Jurkat T cells (triangles) or in resting cells (squares). Results represent the mean \pm SEM. P/I, PMA/ionomycin. (C) Pictures of fluorescent microscopy of Jurkat T cells transfected with control plasmids and (D) GFP-plasmids. (E) Flowcytometry analysis of Jurkat T cells transfected with control plasmids and (F) GFP-plasmids. (G) mRNA expression of *TGR5* in Jurkat T cells transfected with control plasmid and *TGR5*-overexpressing plasmids. (H) CREB activity as measured by luciferase activity in Jurkat T cells transfected with a plasmid encoding *TGR5* and treated with increasing concentrations of LCA. (I) *IFN γ* and (J) *T-BET* mRNA expression of Jurkat T cells transfected with plasmids encoding *TGR5* (hTGR5; light grey bars) or control plasmids (empty; dark grey bars) in response to P/I stimulation in combination with 10 μ M LCA treatment. LCA, lithocholic acid. P/I, PMA/ionomycin. Results represent the mean \pm SEM. NS, Not significant. *Statistically significant, $P < 0.05$.