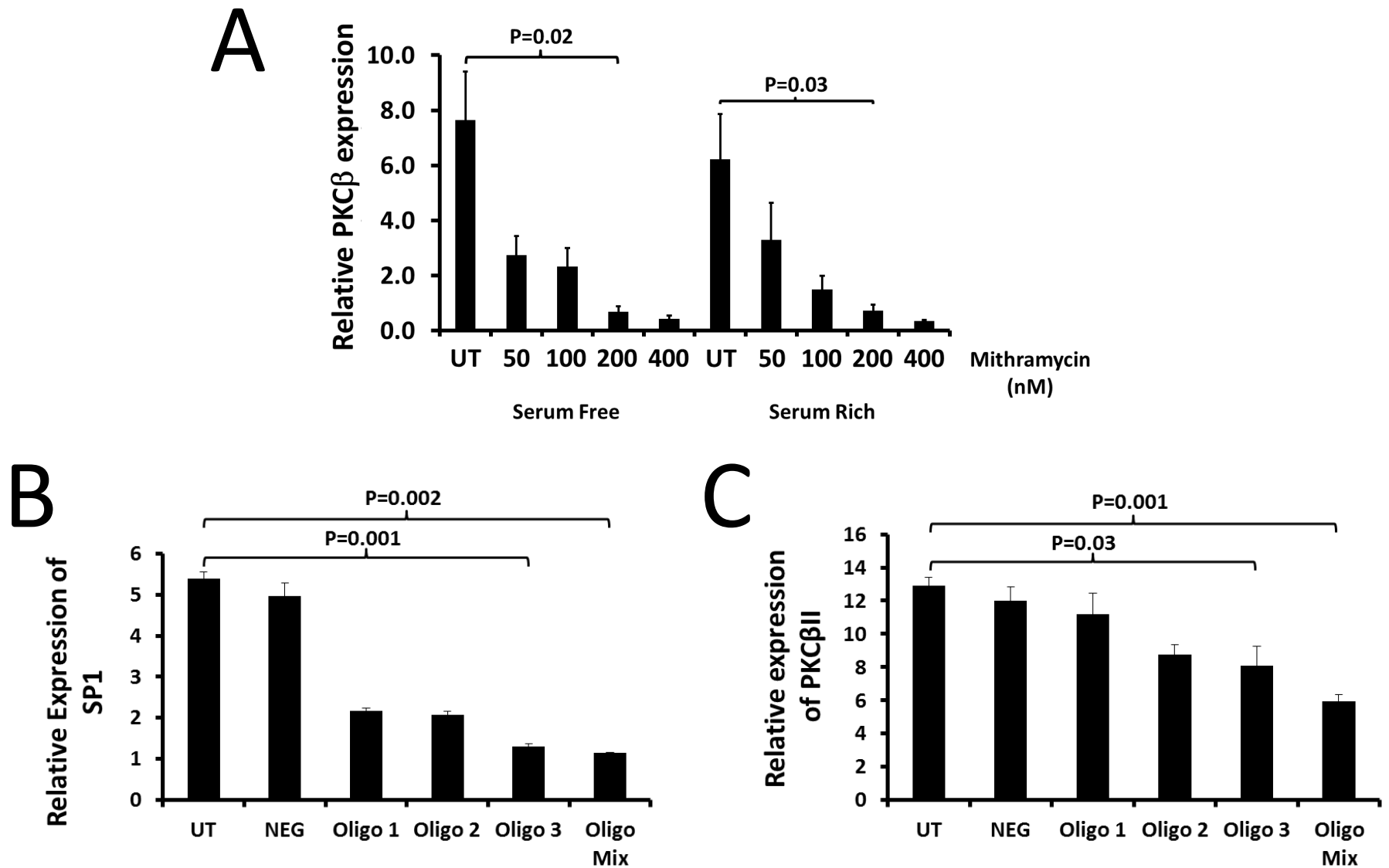


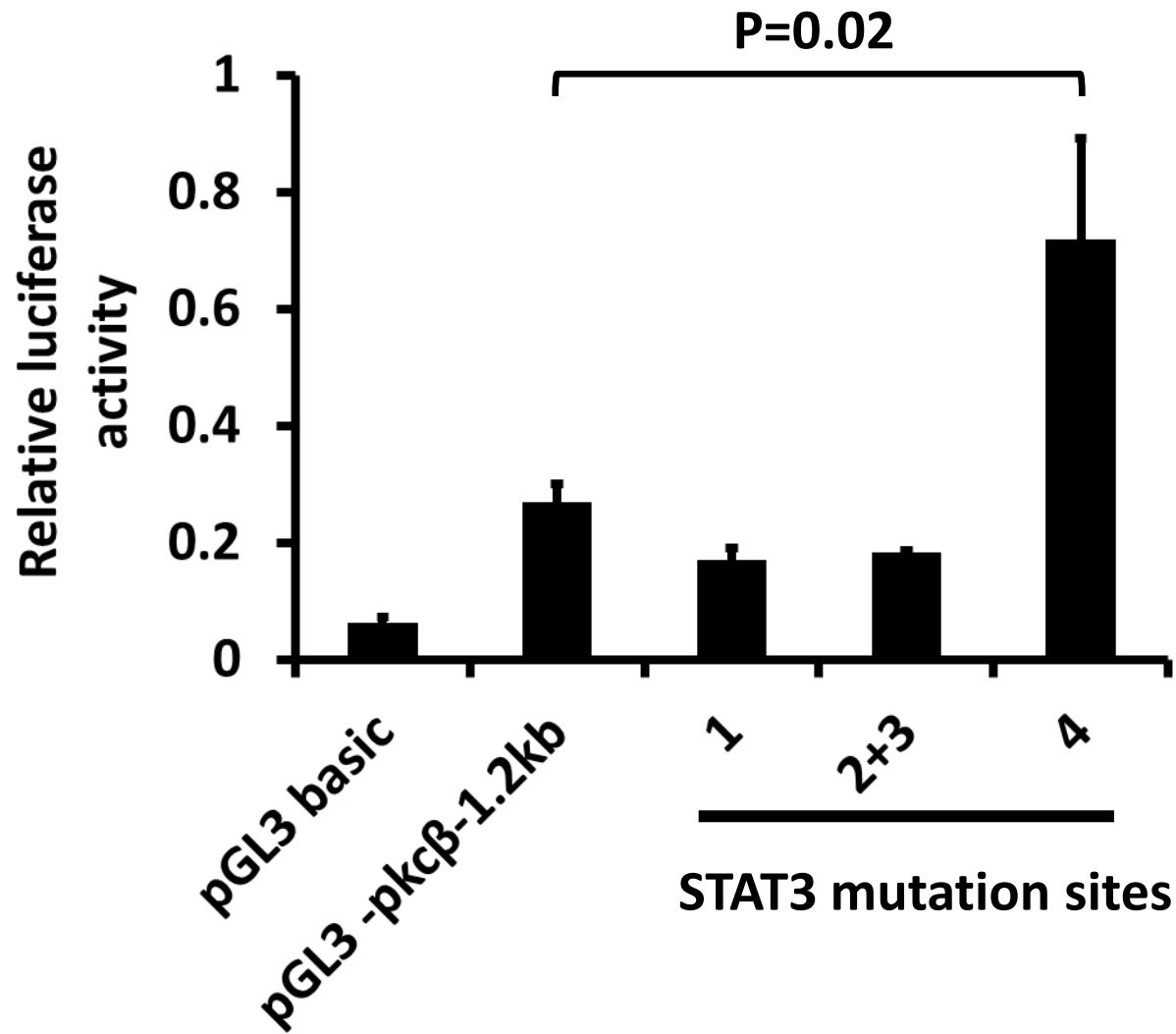
Supplementary Figures

Transcriptional mechanism of vascular endothelial growth factor-induced expression of protein kinase C β II in chronic lymphocytic leukaemia cells.

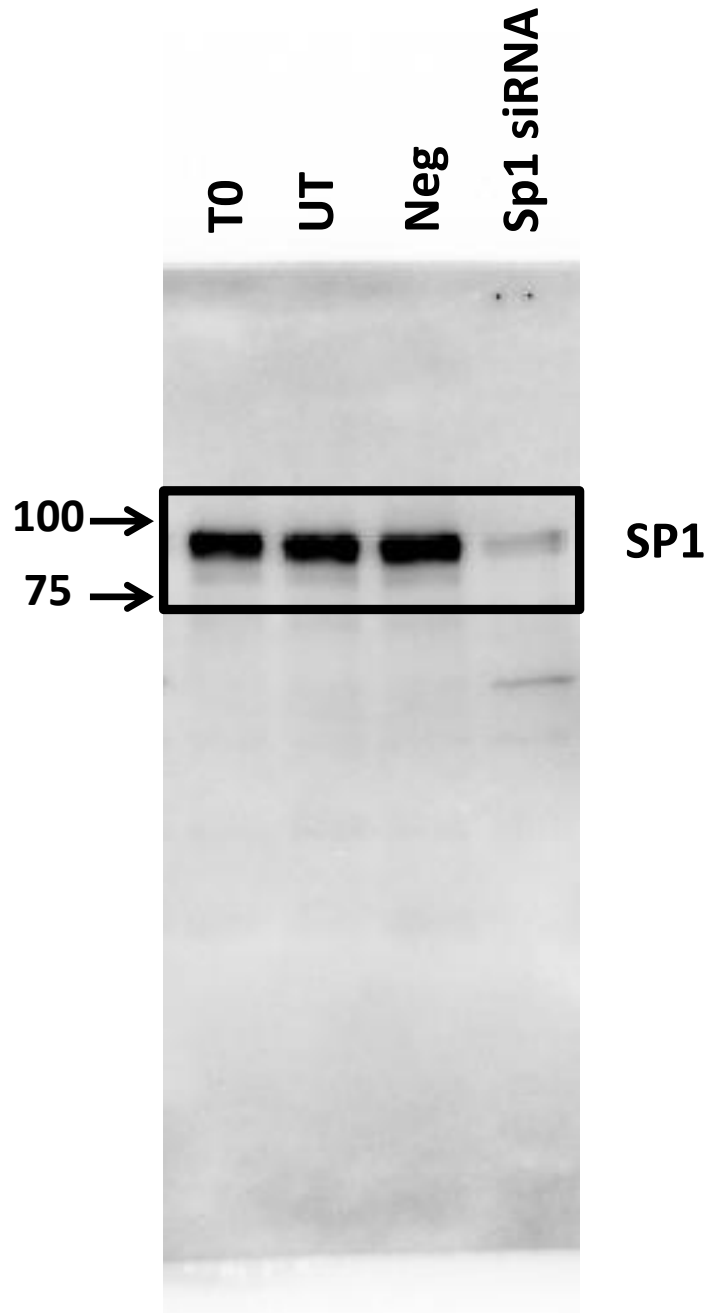
Ola Al-Sanabra, Andrew D. Duckworth, Mark A. Glenn, Benjamin R.B. Brown, Piera Angelillo, Kelvin Lee, John Herbert, Francesco Falciani, Nagesh Kalakonda, and Joseph R. Slupsky.



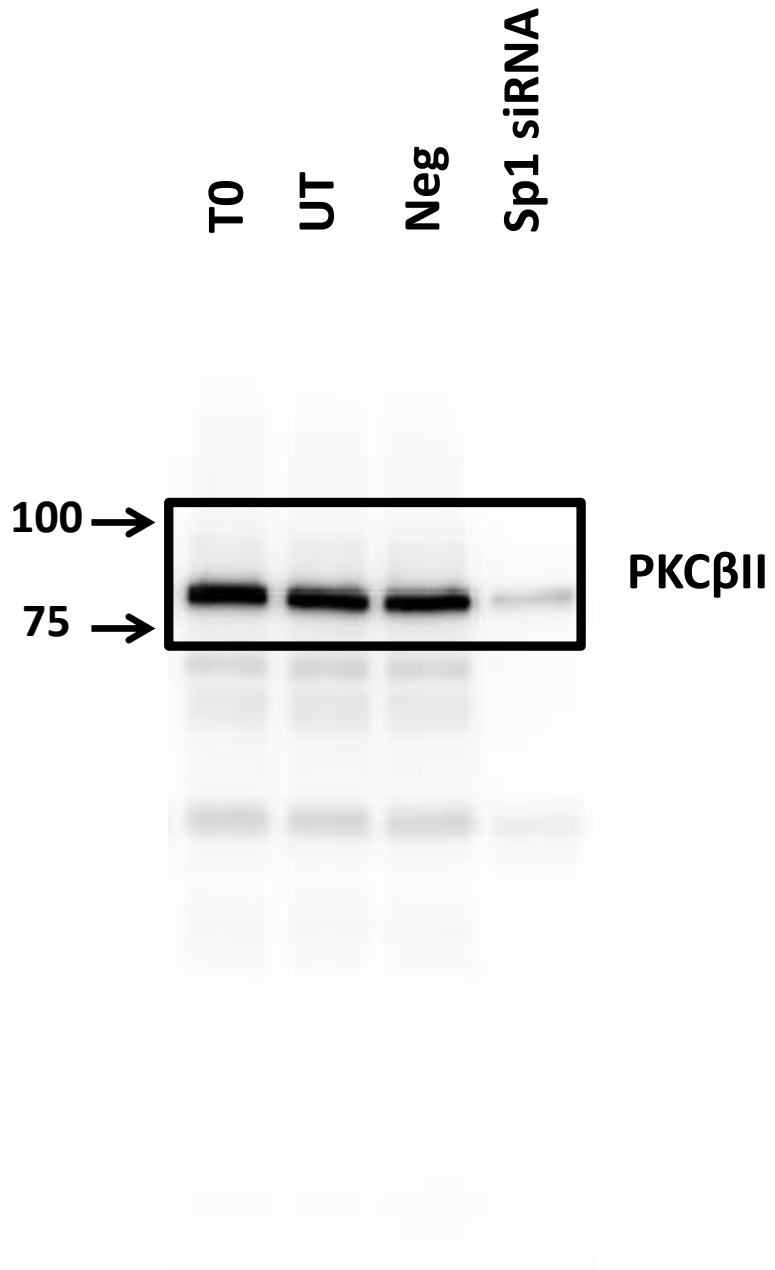
Supplementary Figure 1 *Treatment of Mec1 cells with mithramycin or SP1-specific siRNA reduces PKC β mRNA levels.* 2×10^6 MEC1 were either were cultured for 24h in the presence of the indicated concentrations of mithramycin (in nmol/L), or were nucleofected with the indicated SP1-specific (Oligo 1, 2, 3 and mix) or control siRNA (NEG) oligonucleotides and then cultured as described in the materials and methods for each cell type. Harvested cells were analyzed by qRT-PCR for SP1 (A, B) or for PKC β II mRNA (C) using RNAPolIII as a reference gene. The results presented represent the mean \pm SE of n=3 separate replicates. Statistical analysis for all parts in this figure were performed using a students t-test for paired data. UT - untreated



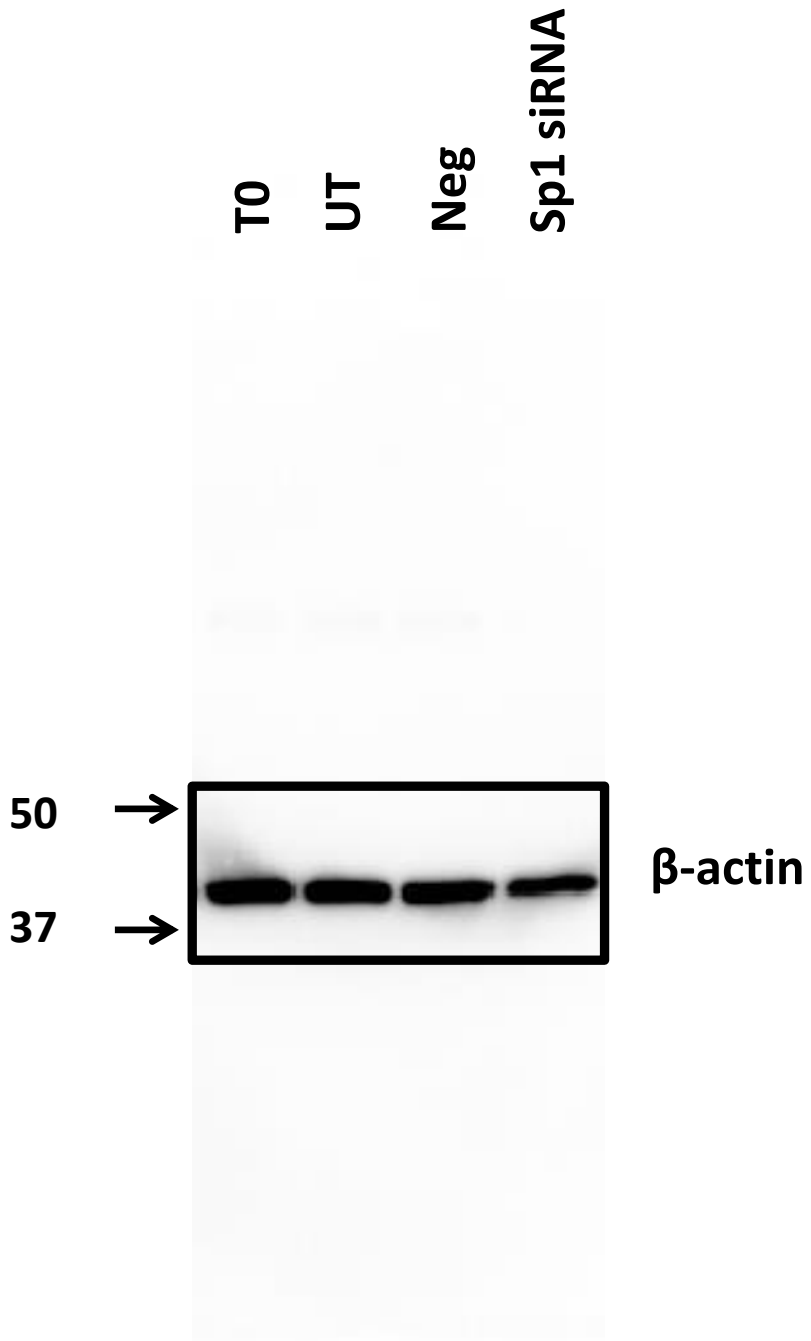
Supplementary Figure 2 *Analysis of STAT3 repression of PRKCB promoter function in Mec1 cells.* 2×10^6 MEC1 were cotransfected with (0.1 μ g) pRL and (2 μ g each) of wt pGL3-pkc β -1.2kb, or site 1, site 2+3, or site 4 mutants of STAT3 binding sites within the PRKCB promoter of the pGL3-pkc β -1.2kb construct. Luciferase assays were performed following 72h culture of the cells under serum-rich conditions, and are reported relative to renilla expression. The data represented mean \pm SE of three independent experiments. Statistical analysis was performed using a student's t-test for paired data.



Supplementary Figure 3. Uncropped Western blot for SP1 represented in manuscript Figure 1E upper panel.



Supplementary Figure 4. Uncropped Western blot for PKC β II represented in manuscript Figure 1E middle panel.



Supplementary Figure 5. Uncropped Western blot for β -actin represented in manuscript Figure 1E lower panel.