Supplementary figures

Figures S1-12

Cropped regions of 2DE gels containing the differentially phosphorylated spots (where circled areas correspond to areas that were for protein identification) identified as RbAP4 (FigureS1, 2), Baf53a (Figure S3), hnRNP C1/ C2 (Figure S4), SAE1 (Figure S5), nucleophosmin1 (Figure S6), proteosome subunit beta type 4 (FigureS7), hnRP F (FigureS8), SRP20 (Figure S9), Lamin B1/ HSP8 ((Figure S10), Translation initiation factor 3 subunit f (Figure S11), 40S ribosomal protein AS (Figure S12), are indicated in both Comassie Blue Pro-Q Diamond stained gels. Spots are numbered according to tables 1 and 2. (A). Quantitative analysis of the normalized average of three independent samples comparing the % volume of phosphorylated protein in TAT_{47-57} carrier peptide and cPKC modulator peptides treated samples (as indicated in Tables 1 and 2) statistical significance was determined by the Mann-Whitney t-test and where * = $p < 0.05$ (B).

Figure S13: Inhibition of cPKCs with βC2-4 or of βIPKC with βIV5-3, does not affect ESC proliferation. Cells were treated with different concentrations of TAT_{47-57} carrier peptide, βC2-4 (A), βIV5-3 (B) for seventy two hours, peptides were added daily at different concentrations. At 60 hours Cells were pulsed with [3H] thymidine for 12 hours. Control cells were kept in media with serum in the absence of peptides.