

Figure S1. Volcano plots showed differential expression between MAML2 TAD shRNA and control groups in fusion-negative HSY cells (A) and in fusion-positive H3118 cells (B). The vertical lines corresponded to 2.0-fold up and down, respectively, and the horizontal line represented a p-value of 0.05. NC denoted no change. “Down” or “Up” referred to significantly down-regulated or up-regulated genes. Several fusion-regulated genes in H3118 cells were indicated.

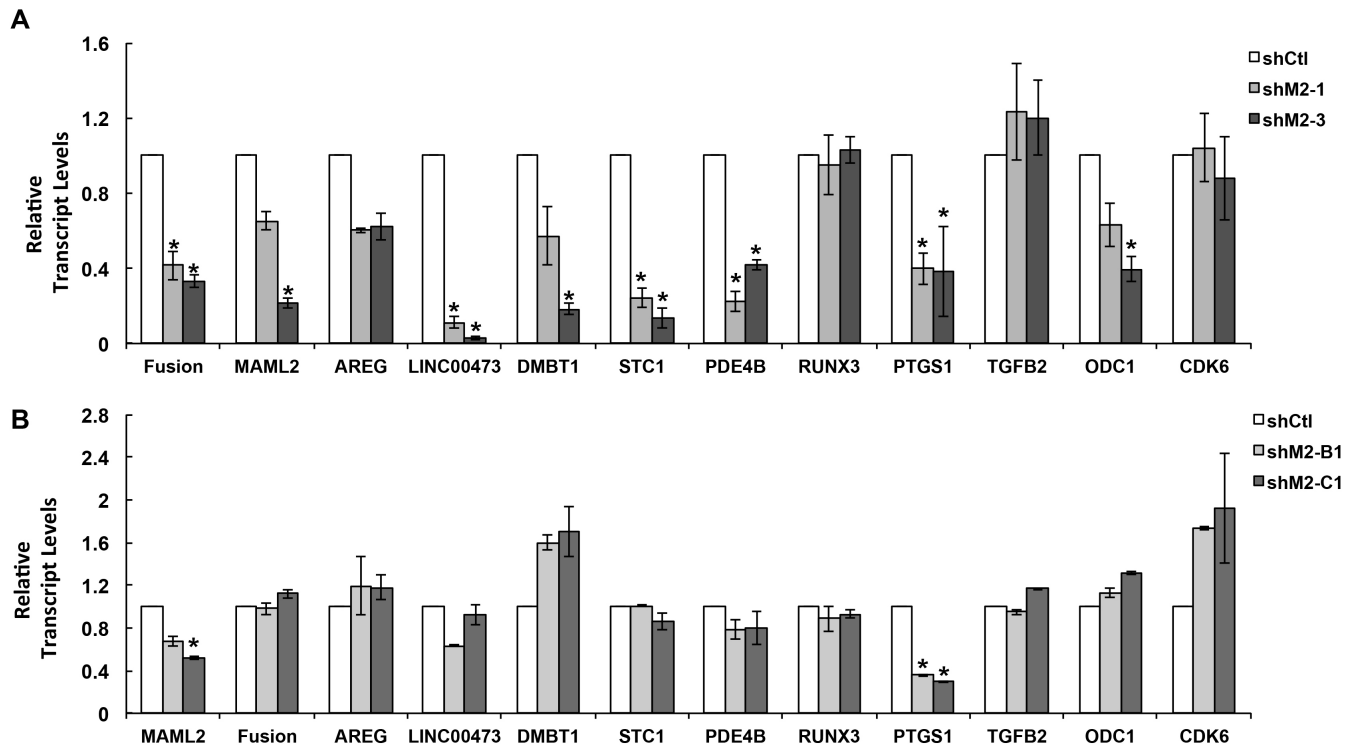


Figure S2. Validation of a subset of CRTC1-MAML2 fusion-regulated genes in human MEC H292 cell line. Real-time RT-PCR assays were performed in H292 cells that were depleted of fusion/MAML2 or MAML2 only for a subset of CRTC1-MAML2 fusion candidate genes identified in human MEC H3118 cells.

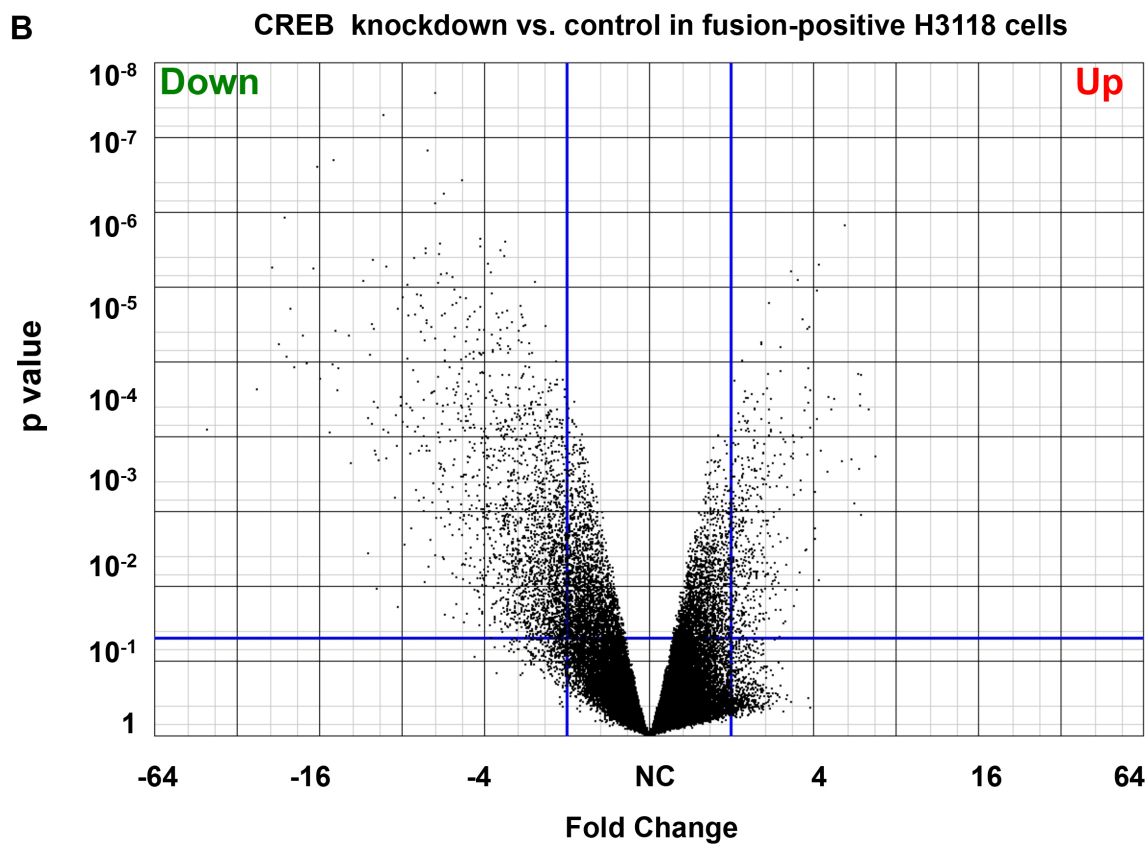
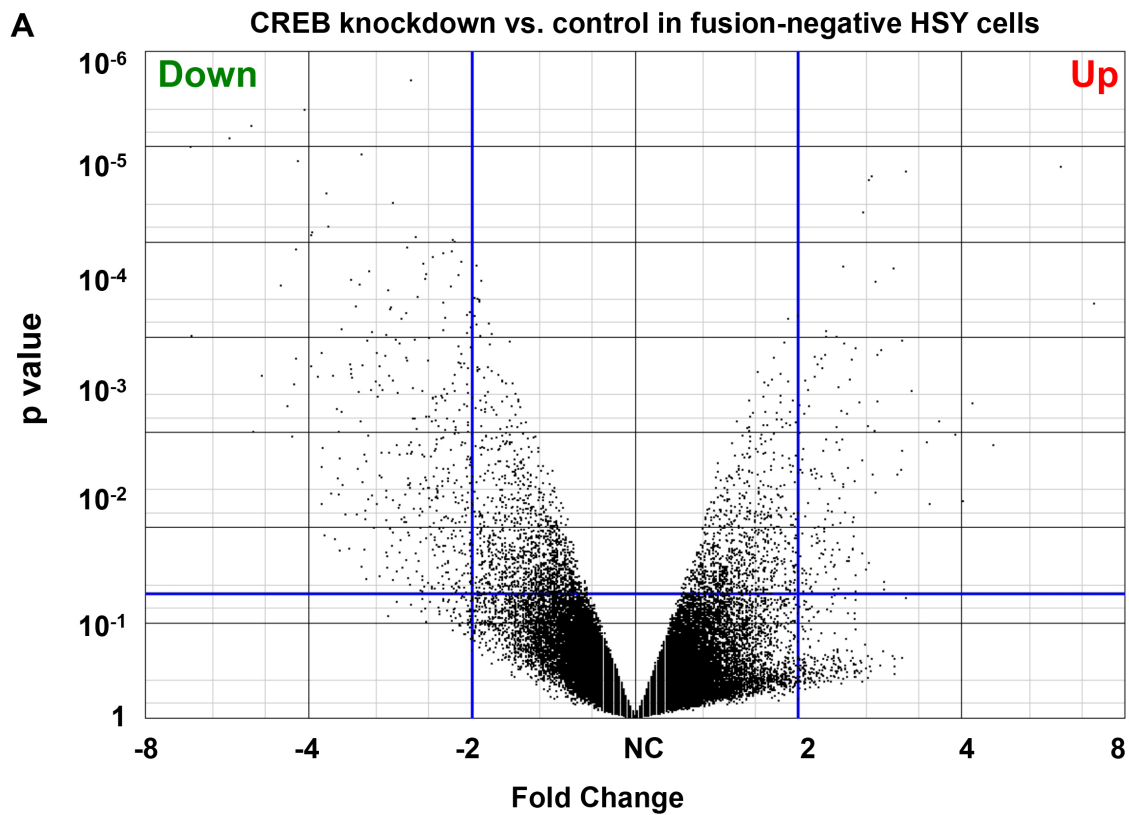


Figure S3. Volcano plots showed differential expression between CREB shRNA and control groups in fusion-negative HSY cells (A) and in fusion-positive H3118 cells (B). The vertical lines corresponded to 2.0-fold up and down, respectively, and the horizontal line represented a p-value of 0.05. NC denoted no change. “Down” or “Up” referred to significantly down-regulated or up-regulated genes.