Supplementary Information

Transcriptional regulation of adrenomedullin by oncostatin M in human astroglioma cells: Implications for tumor invasion and migration

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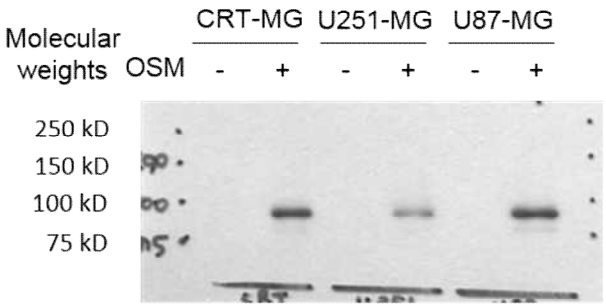
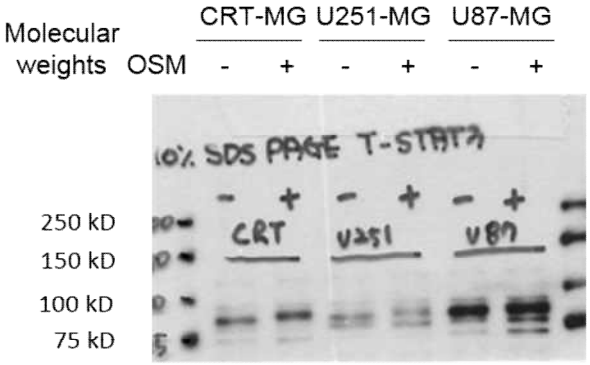
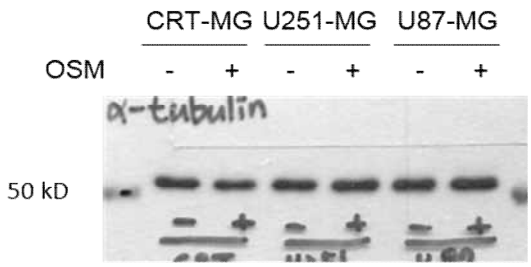
A. Figure 2A



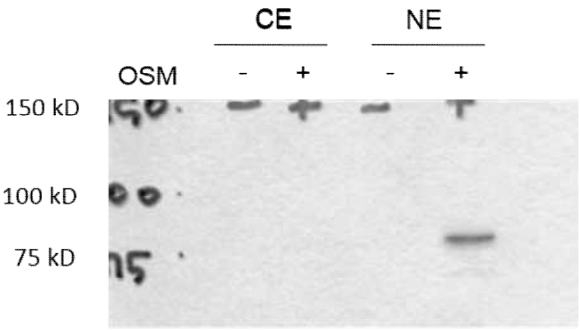
B. Figure 2A



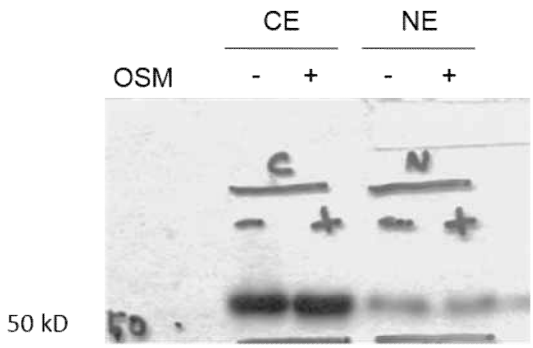
C. Figure 2A



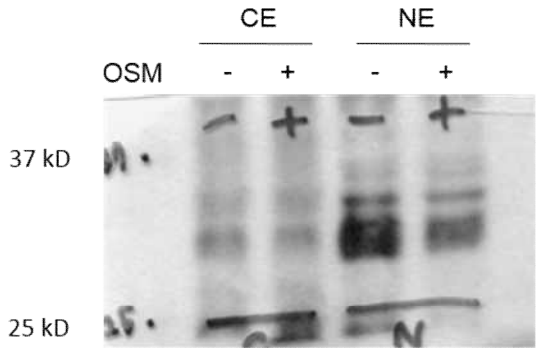
D. Figure 2B



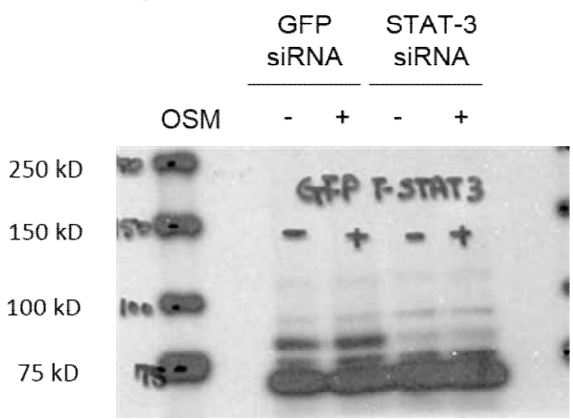
E. Figure 2B



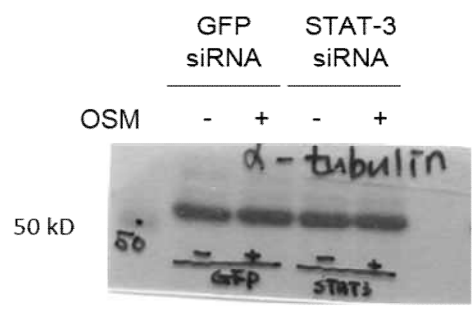
F. Figure 2B



G. Figure 4A



H. Figure 4A



Supplementary Figure 1: Full-length images of the cropped blots presented in the main figures

A, B and C: Full-length images of Figures 2A show that OSM-induced STAT-3 activation and migration in astroglioma cells. Whole cell lysates from the CRT-MG, U251-MG and U87-MG cells treated with OSM (10 ng/mL) for 30 min were analyzed by immunoblotting against total STAT-3 and *p*-Y705-STAT-3. Tubulin was used as the loading control. OSM, oncostatin M.

D, E and F: Full-length images of Figures 2B show that nuclear and cytoplasmic extracts from CRT-MG cells treated with hOSM (10 ng/ml) for 30 min and analyzed by immunoblotting against total STAT-3 and *p*-Y705-STAT-3. Tubulin and Histone were used as loading and purify controls of each cellular fraction. P, phospho; CE, cytoplasmic extracts; NE, nuclear extracts.

G and H: Full-length images of Figures 2B show that STAT-3 knockdown reduces OSM-induced ADM expression in astroglioma cell lines. CRT-MG cells were transiently transfected with STAT-3 siRNA or GFP siRNA, as negative control. Two days after transfection, cells were incubated in the absence or presence of hOSM (10 ng/mL) for 24 h. Effective siRNA-mediated suppression of STAT-3 protein expression was verified for each assay by immunoblotting. GFP, green fluorescence protein.