

Additional file 2:

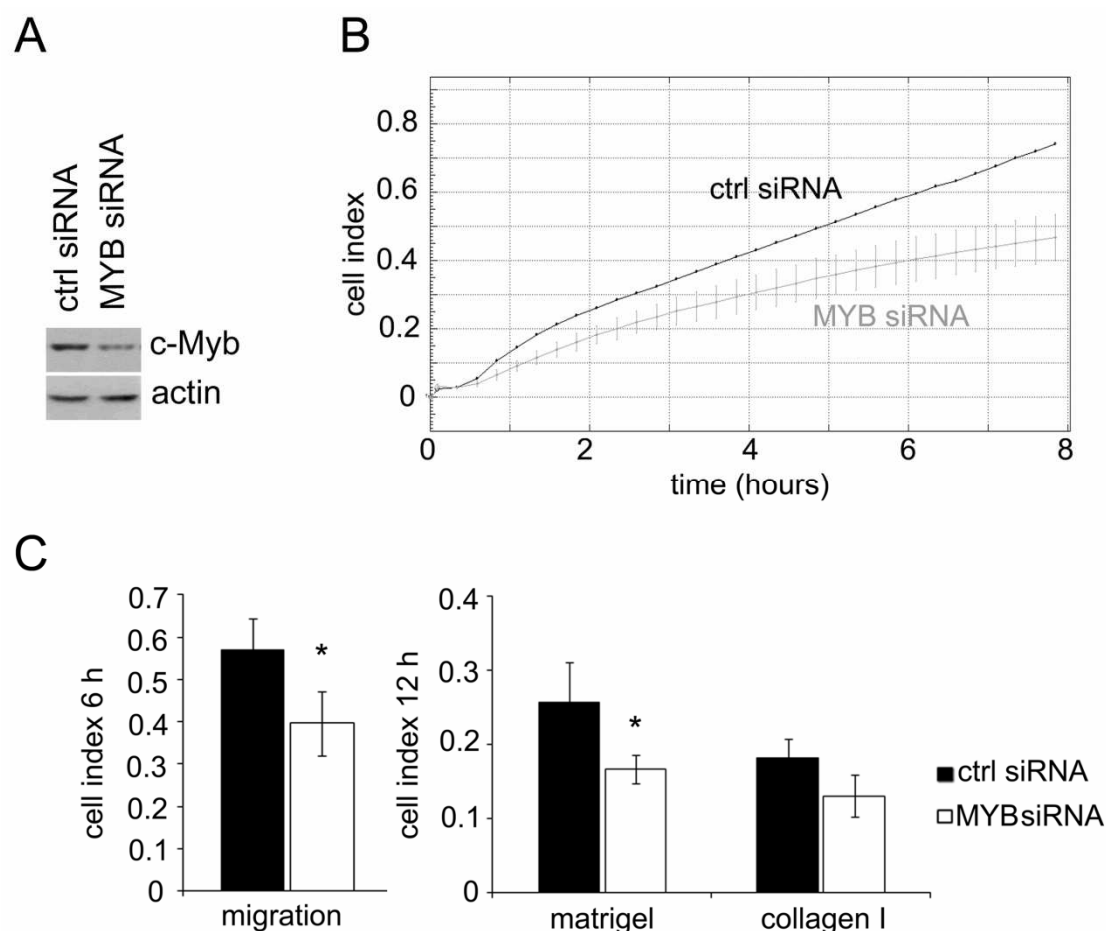


Figure S2. SiRNA-mediated *c-myb* silencing reduces migration and Matrigel invasion activities of MDA-MB-231MYBup cells. MDA-MB-231MYBup cells were transfected with *c-myb* (MYB) or control (ctrl) siRNAs as described in the Material and Methods. The level of c-Myb protein in these cells was determined by immunoblotting. A representative western blot is presented (**A**). Migration and invasion activities of the same cells were determined by the xCELLigence RTCA. The chart shows the representative outcomes of the kinetics analysis of cell migration (**B**). The average cell indexes at the 6-h (migration, left) and 12-h (invasion, right) time points, respectively, from four independent measurements are shown (**C**). Error bars indicate standard deviations. Asterisks indicate significant ($p < 0.05$) differences in the migration/invasion rates of the cells transfected with *c-myb* siRNA and control siRNA as determined by the *t*-test.