**Supplementary Figure 3.** Facilitation of ATF2 nuclear localization by c-Jun coexpression. (A) COS-1 cells were cotransfected with plasmids encoding Flag-ATF2-Venus in the absence or presence of different amounts of plasmid encoding c-Jun. Sixteen hours after transfection, cells were harvested and total (T), cytosolic (C), and nuclear (N) fractions were prepared as described in the “Materials and methods.” Equal portion of cytosolic and nuclear fractions were loaded for the determination of ATF2-Venus using immunoblotting analysis with anti-Flag antibody (upper panel). The separation of cytosolic and nuclear fractions was verified by the detection of beta-actin and histone 3, respectively. (B) The immunoblotting result in A was quantified using NIH Image software and the percentage of nuclear (filled) and cytosolic (empty) localized-ATF2-Venus was calculated.