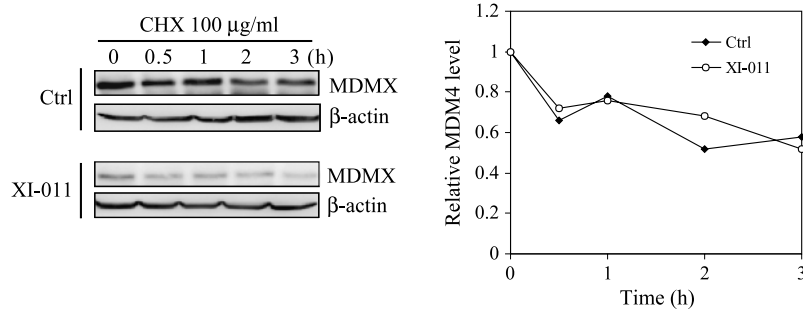


**Figure W1.** Activation of p53 by XI-011 is a consequence of inhibition of *MDMX* expression. (A) Relative expression levels of MDMX and p53 in Figure 4B were quantified using the Image J software. (B) MCF-7 cells transfected with 50 nM of a MDMX-specific siRNA (5'-AAAACUGCCGCUUUUGAAGAU-3') or a control siRNA (specific to firefly luciferase) were treated with 0.5  $\mu$ M of XI-011 for 12 hours and then lysed for immunoblot assays for p53 and MDMX expression.



**Figure W2.** XI-011 does not alter the half-life of MDMX. MCF-7 cells treated with or without 0.5  $\mu$ M of XI-011 for 16 hours were incubated with 100  $\mu$ g/ml cycloheximide (CHX). Cells were then harvested at indicated time points and lysed for immunoblot assays for MDMX and  $\beta$ -actin expression (left panel). Densitometry analysis was performed to estimate relative MDMX expression levels (right panel).