Supplemental Figure 4. NQO1-dependent essential nucleotide depletion in H596 cells after DNQ treatment. In (A), dose-dependent ATP loss in NQO1+, but not NQO1- H596 NSCLC cells. In (B), dicoumarol rescued cells from DNQ-induced nucleotide loss in NQO1+ H596 cells. Data are means, ±SE from three independent experiments, each performed six times. ***, p < 0.001.

Supplemental Figure 5. PARP1 levels are essential for NQO1-dependent, DNQ-induced ATP loss. ATP levels were measured in DNQ-treated A549 cells transfected with either non-silencing siRNA (siNT) or siRNA specific for PAPR1 (siPARP1). Western blots confirmed that PARP1 protein levels were knocked down (Figure 5A). Data are means, ±SE from three independent experiments. **, p < 0.01; ***, p < 0.001.