# SUPPLEMENTARY FIGURE LEGENDS

## Supplementary Figure S1.

Incidence of gene alteration types for patients from TRITON2 with non-*BRCA* DDR gene alterations.

## Supplementary Figure S2.

Summary of observed alterations in *ATM* (A), *CDK12* (B), and *CHEK2* (C).

## Supplementary Figure S3.

Change in PSA levels over time in patients with an *ATM* alteration (A), *CDK12* alteration (B), *CHEK2* alteration (C), or other DDR gene alteration (D). Patients with a PSA response are indicated with closed triangles; patients with a radiographic response are indicated with thicker lines. Abbreviation: PSA, prostate-specific antigen.