Supplementary Figure 4. Immunohistochemical Profile for Patient 21

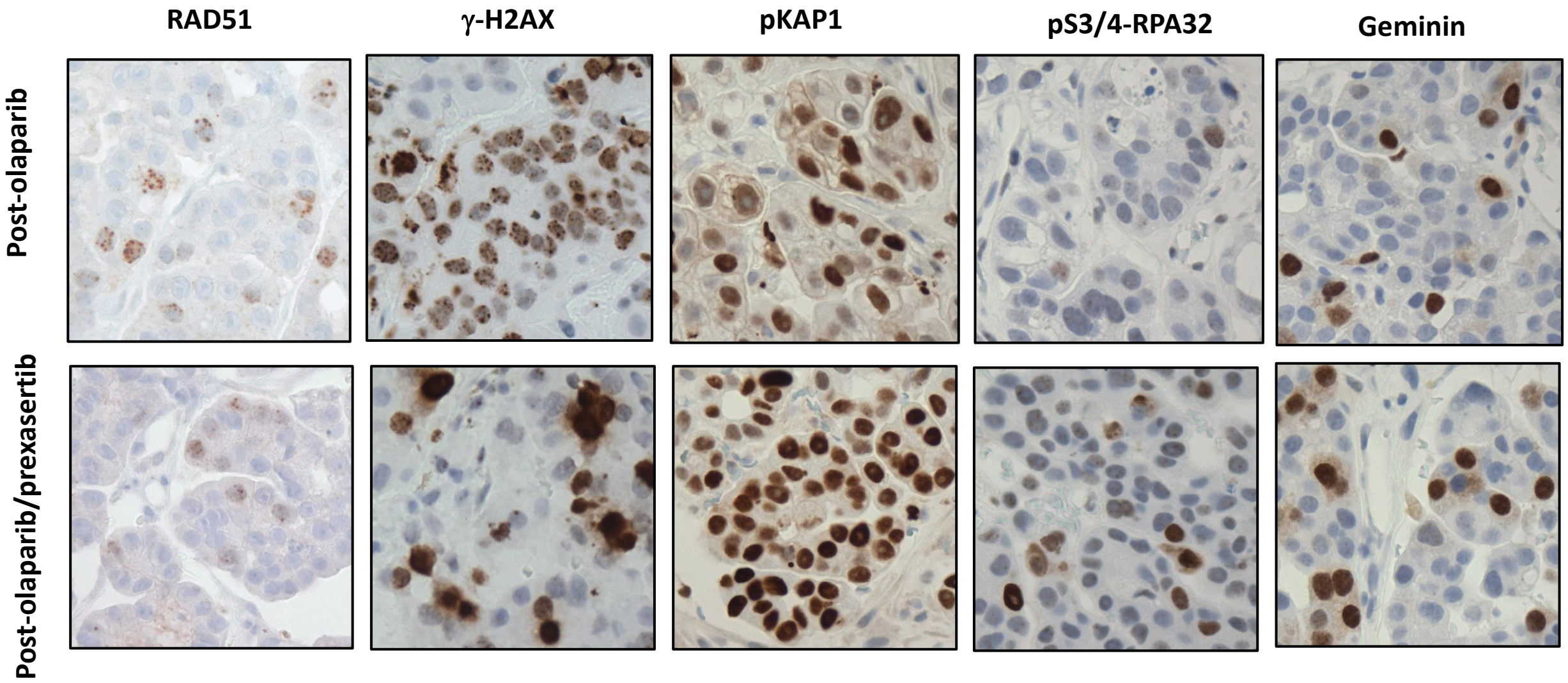

Figure S4. Immunohistochemical profile for a *BRCA1*-mutant HGSOC (Patient 21).
Shown are representative IHC staining for a *BRCA1*-mutant HGSOC patient enrolled to the expansion cohort. Included are RAD51 foci and γH2AX phosphorylation staining previously included in Figure 1 for comparison. RAD51 foci staining was used as a surrogate marker of homologous recombination repair. γH2AX phosphorylation occurs at sites of DNA double-stranded breaks, is a marker of DNA damage. pKAP1 is phosphorylated by ATM in response to DNA damage. pS3/4-RPA32 phosphorylation occurs at sites of residual stalled replication forks. The immunohistochemical profile supports a role for CHK1 in both replication fork stability and HR repair.