



Supplementary information, Figure S20 ChIP of the *p53* and $\Delta 113p53$ REs in *rad51*, *rad52* and *lig4* promoters in the absence and presence of HA-*p53* and HA- $\Delta 113p53$. HA-*p53* or HA- $\Delta 113p53$ mRNA was injected into *p53*^{M214K} mutant embryos. An HA-antibody matrix was used to co-immunoprecipitate the protein-DNA complex. Specific primer pairs were designed to amplify the corresponding REs. DNA was normalized with exon-specific primers. *p53* RE1 and RE3 of the $\Delta 113p53$ promoter were used as a *p53*-binding positive control. The results are presented as the relative occupancies of the different REs. Statistics were obtained from three repeat experiments.