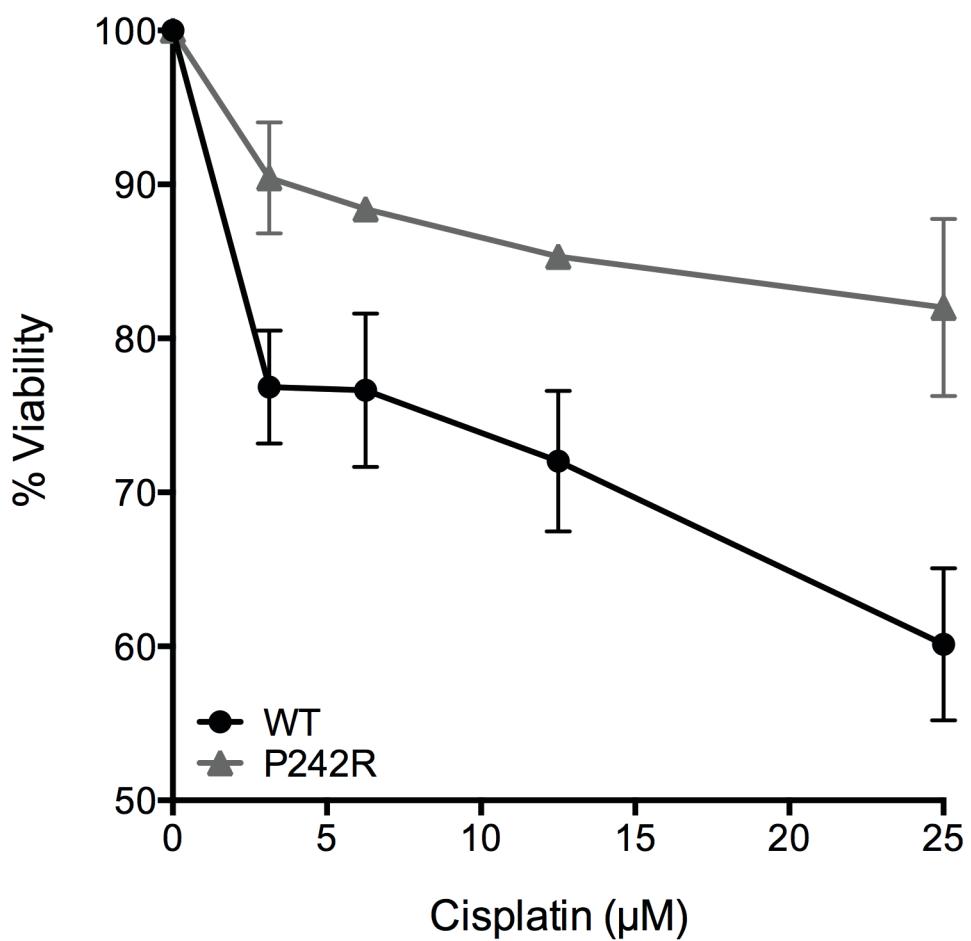
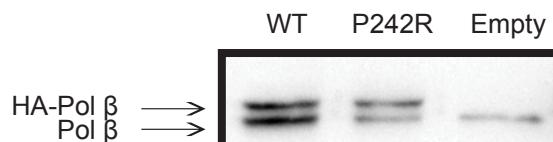


Figure S1

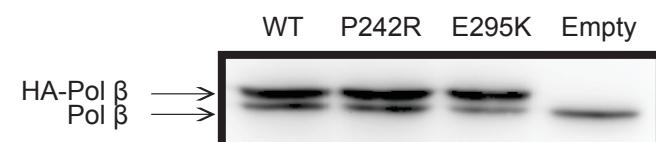


**MCF7**

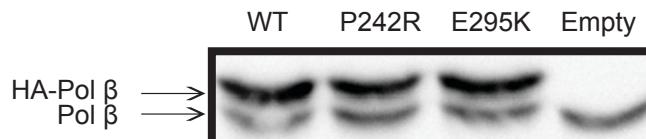
Figure S2



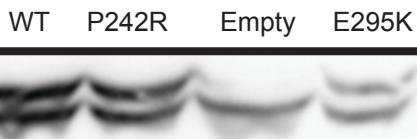
Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       1.1      1.4      0.2

**A549**

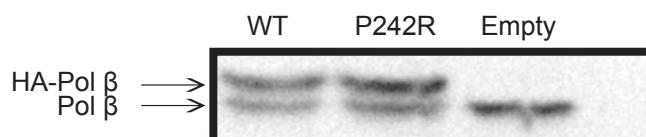
Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       1.9      1.9      2.8      0.04

**XP20S + XPA****XP20S - XPA**

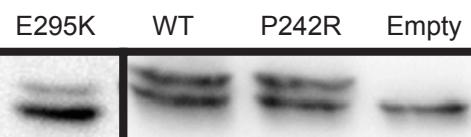
Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       1.9      1.5      1.9      0.002



Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       0.9      1.2      0.03      0.8

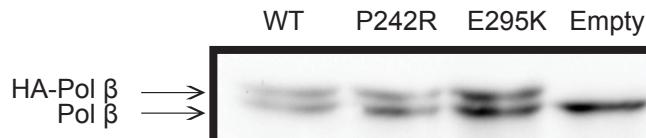
**DLD1 + MSH6****DLD1 - MSH6**

Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       1.6      1.6      0.008

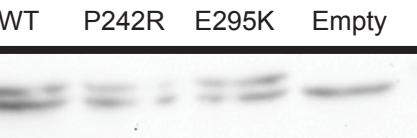


E295K      WT      P242R      Empty      E295K

Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       0.3      0.7      0.7      0.005      1.7

**HCT116 + MLH1****HCT116 - MLH1**

Ratio of HA-Pol  $\beta$   
to Pol  $\beta$       1.3      0.7      0.7      0.001



0.7      0.7      1.0      0.004

Figure S3



Figure S4

