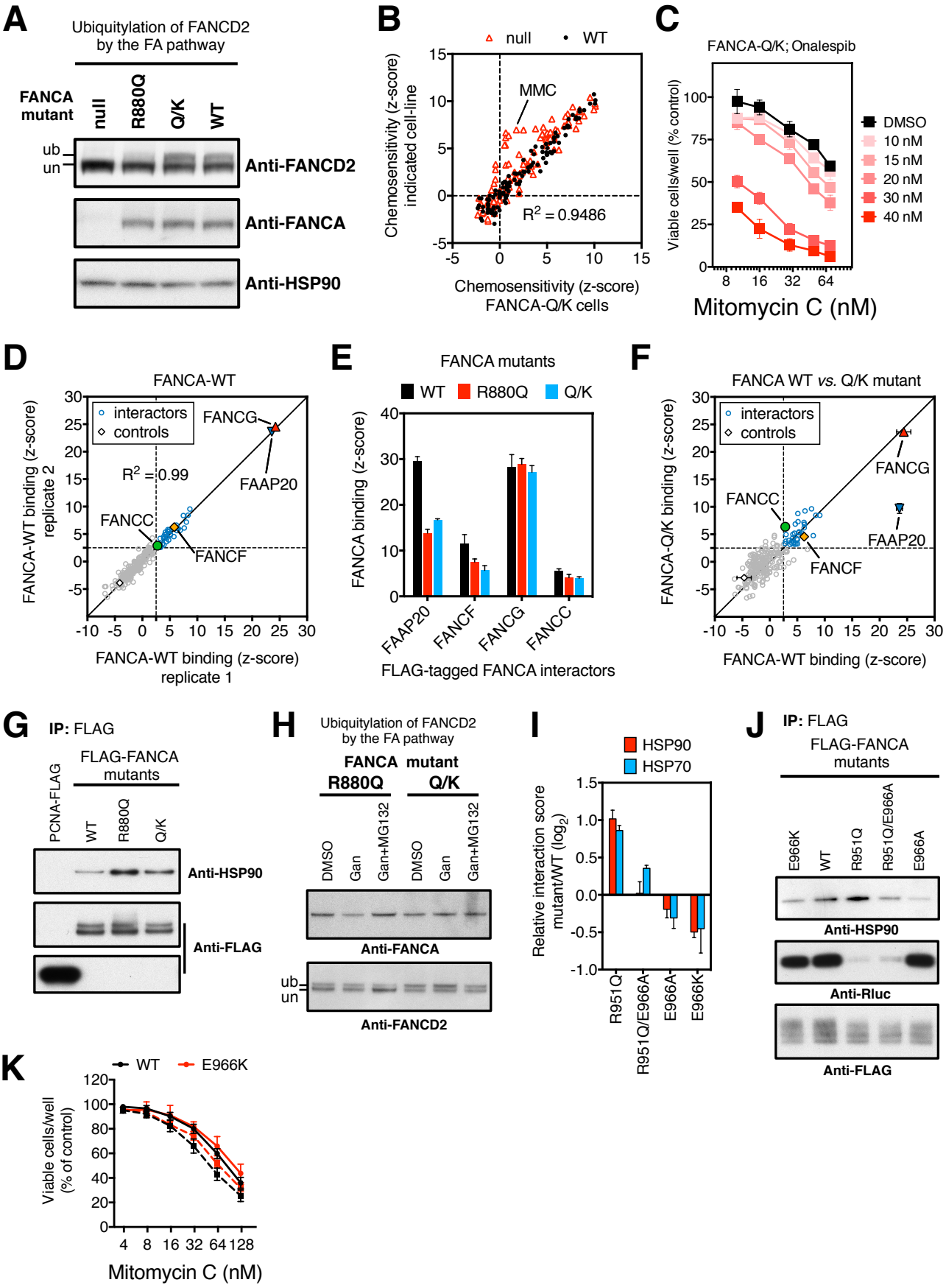Figure S5. Determining the molecular mechanism of anemia-prevention by compensatory mutation (related to Figure 5)