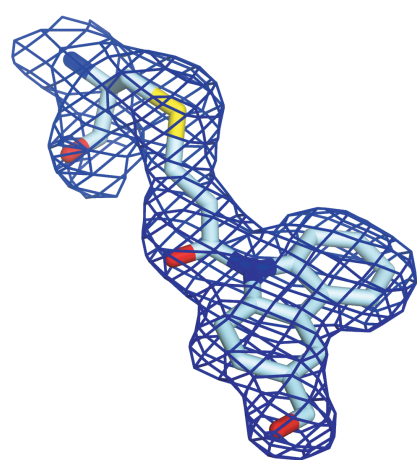


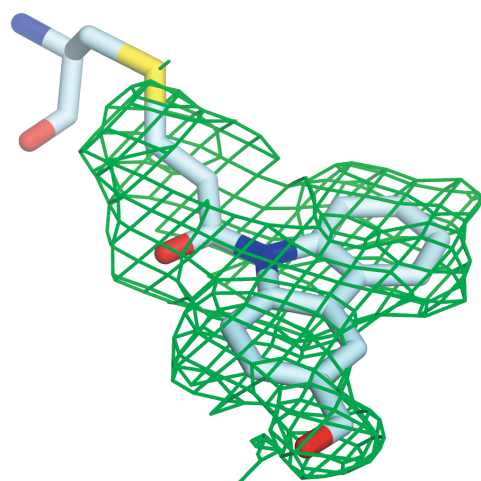
# Supplementary Figure 4

**A KG3**

2Fo - Fc

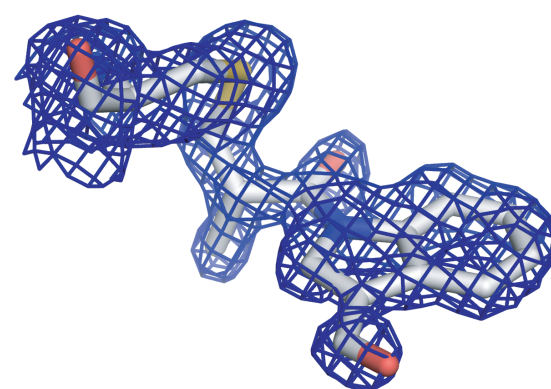


Fo - Fc

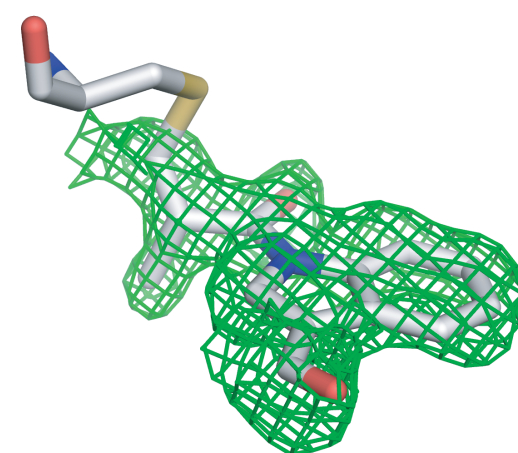


**B KG6**

2Fo - Fc

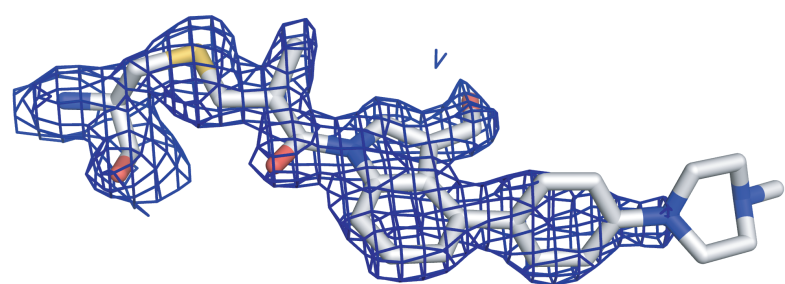


Fo - Fc

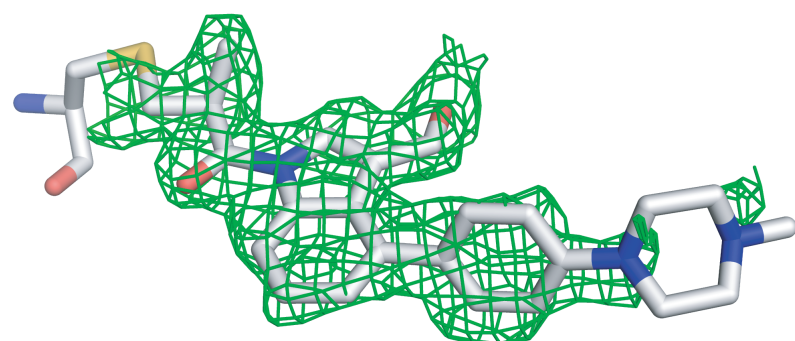


**C KG10**

2Fo - Fc

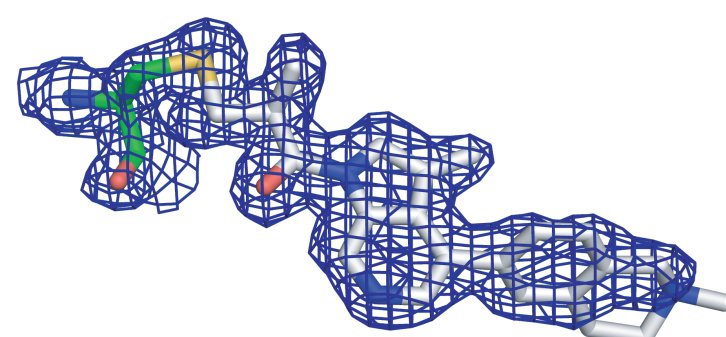


Fo - Fc

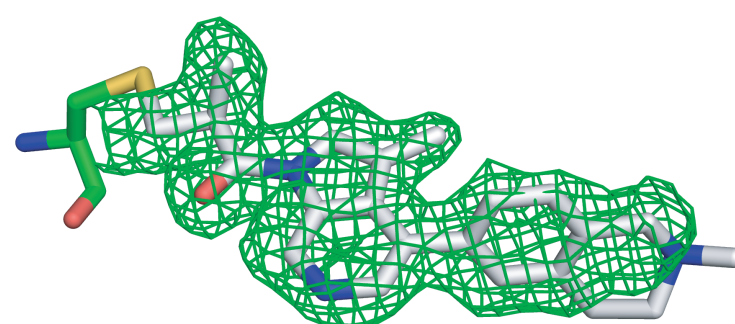


**D KG13**

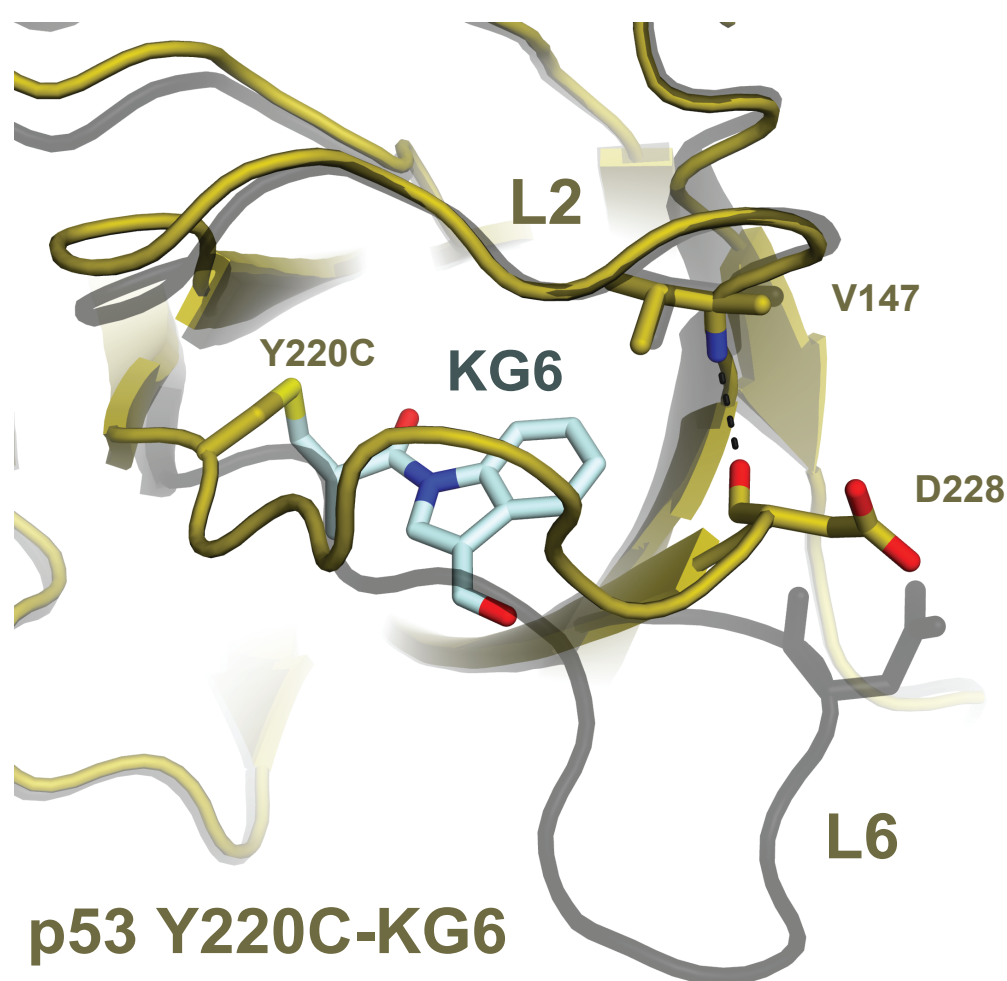
2Fo - Fc



Fo - Fc



**E**



p53 Y220C-KG6

p53 Y220C-KG10

**Supplementary Figure S4: Ligand electron density maps** (A)  $1\sigma$   $2F_o-F_c$  electron density map and  $1.5\sigma$   $F_o-F_c$  simulated annealing omit density map for KG3. (B)  $1\sigma$   $2F_o-F_c$  electron density map and  $1.5\sigma$   $F_o-F_c$  simulated annealing omit density map for KG6. (C)  $1\sigma$   $2F_o-F_c$  electron density map and  $1.5\sigma$   $F_o-F_c$  simulated annealing omit density map for KG10. (D)  $1\sigma$   $2F_o-F_c$  electron density map and  $1.5\sigma$   $F_o-F_c$  simulated annealing omit density map for KG13. (E) Allosteric stabilization by KG6. D228 makes intramolecular contacts with V147 amine rather through a small molecule directly.