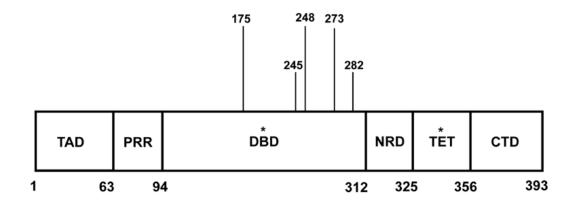
## **Supplementary Information**

P53 and HIS-tag binding

Lindsey Barron and Alexander J. R. Bishop

Department of Cellular and Structural Biology, Greehey Children's Cancer Research Institute, University of Texas Health Science Center San Antonio, San Antonio, Texas, United States of America



S1 Figure P53 domain structure. The full-length p53 protein contains a N-terminal transactivation domain (TAD), a proline rich region (PRR), a central DNA-binding core domain (DBD), a negative regulatory domain (NRD), a tetramerization domain (TET) and a negative regulatory domain at the far C-terminus (CTD). The asterisk is to indicate that the DBD and TET both adopt well-defined structures. The remaining domains are largely unstructured. The six most frequently mutated residues, commonly referred to as the "hot-spot" mutations, and are indicated with vertical bars.