

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.