

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Abbreviated list of genes that are activated by p53-R273H and require an intact transactivation domain.

File Name: Supplementary Data 2

Description: Complete list of genes that are activated by p53-R273H and require an intact transactivation domain.

File Name: Supplementary Data 3

Description: Complete list of genes that have p53 bound to the promoter. Complete list of genes that are activated by p53-R273H and do not require an intact transactivation domain.

File Name: Supplementary Data 4

Description: DAVID analysis of Supplementary Tables 1-3.

File Name: Supplementary Data 5a

Description: RNA seq analysis from mouse lung RNA isolated mouse cells made near homogenously expressing p53 ^{-/-}, p53-R172H^{-/-} and p53-L25Q/W26S/R172H^{-/-}.

File Name: Supplementary Data 5b

Description: DAVID analysis of the RNA seq data presented in Supplementary Table 5a.

File Name: Supplementary Data 6

Description: List of primers used for qPCR.