

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Differential gene expression between MCF10A and CAL-51 mutant and null isogenic cell lines. Differentially expressed genes (False discovery rate adjusted  $P < 0.1$ , absolute  $\log_2fc \geq 1$ ) in MCF10A and CAL-51 R175H and R273H mutant compared to Null cells. Experiments were conducted at passage 30 (with and without doxorubicin treatment).