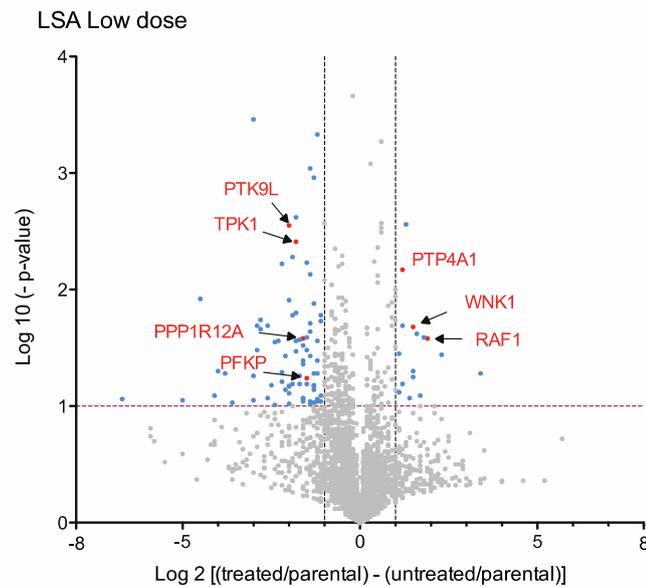
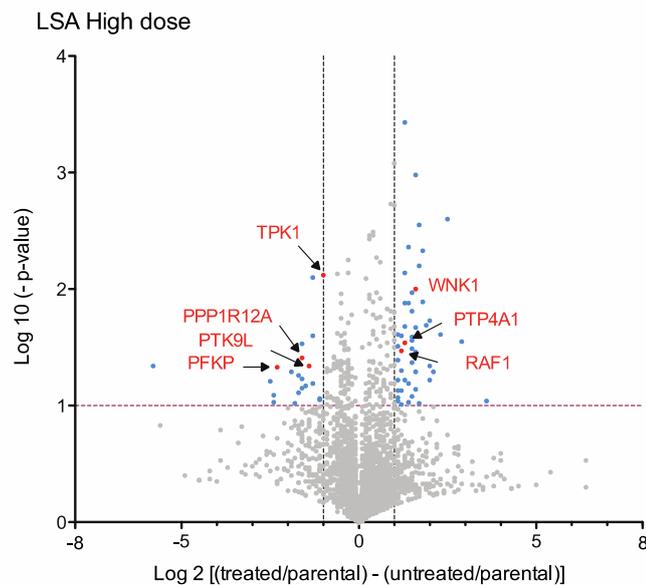


# Supplementary Information

**A**



**B**



**Figure S1. LSA synthetic lethal candidates.** Volcano plot illustrating normalized shRNA fold changes (log base 2) and  $p$ -values ( $-\log$  base 10) after cells were cultured in low, 10 nM (**A**) or high, 100 nM (**B**) LSA. Horizontal bar at  $y = 1$  represents a significance level of  $p = 0.1$  which we set as a relaxed cut-off. Vertical bars represents genes with a  $\log_2 > 1$  or  $< -1$ , *i.e.*,  $FC > 2$  or  $< -2$ . Significantly modulated shRNAs by either LSA concentrations are colored in blue and commonly modulated shRNA by both LSA concentrations are colored in red.