A LSA Low dose 3 PTK Log 10 (- p-value) TPk TP4A1 2 WNK1 PPP1R12A RAF 0--5 5 -8 0 8 Log 2 [(treated/parental) - (untreated/parental)] В LSA High dose 3. Log 10 (- p-value) TPK 2 PPP1R12A PTP4A[,] PTK9 RAF PFKF 1 0 -5 5 -8 0 8 Log 2 [(treated/parental) - (untreated/parental)]

Supplementary Information

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.

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